

Gentran:Plus[®] for zSeries

User's Guide

Release 6.4

Sterling Commerce
An IBM Company

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December 2005

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Glossary

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Getting Started

Overview

Congratulations! You have selected Gentran:Plus[®]. As a subsystem of Gentran:Basic[®], Gentran:Plus is an optional component of the most sophisticated EDI management software available. Gentran:Plus is a complete, fully-integrated EDI system that meets the two qualifications required for automated EDI implementation:

- Full-function EDI translation software
- Self-contained communications and mailboxing

Gentran:Plus can accommodate an unlimited number of transactions while using an unlimited number of EDI standards versions. The system supports multiple lines with different protocols for concurrent EDI sessions. This combination of translation, communications, and mailboxing makes Gentran:Plus a highly efficient EDI resource for automating your organization's communications.

The following topics related to Gentran:Plus are contained in this chapter:

Topic	Page
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Features and Benefits

With Gentran:Plus, you can configure EDI communications to fit your specific needs using several features, including the following:

- Default profiles make setting up new profiles simpler.
- Backwards scrolling through batches for a remote site makes viewing data easier.
- Communication status values on the Interchange Status screen enable you to update and view data on the Communications Control file, data queues, and Log file.
- Online functions enable you to view the Communications Log file and define holidays on which communications are halted.

Gentran:Plus provides a seamless application-to-EDI interface including the following features:

- Communication with networks and trading partners, including all major third-party EDI networks, is simple using common communications protocols.
- Communications session options enable you to choose either one-way or two-way communications sessions, and to specify these sessions for each of your trading partners.

Gentran:Plus can be integrated with the Connect Security Interface and your external security package to restrict access to view Connect data and perform certain Gentran:Plus functions. This is accomplished by verifying the user's identity when the Gentran:Plus online subsystem is first entered. Users can be identified either by their Gentran User ID, a default ID, or prompted to provide a User ID and Password.

System Overview

Gentran:Plus consists of three major interactive subsystems that automate the inbound and outbound communications processes for you, and enable you to manage your communications data.

Subsystems

Communications Subsystem

The Communications subsystem (Connect) provides inbound and outbound communications lines, automatic dialing, mailbox storage for data batches, and multiple communications protocol support.

Translation Subsystem

The Translation subsystem (Gentran:Basic) validates EDI standards, performs compliance checking, performs mapping to and from EDI standards, performs error rejection, completes acknowledgment processing, and enables file splitting.

Communications Setup and Management Subsystem

Communications Setup (Gentran:Plus) enables you to define the following for each trading partner/network: the communication protocol information (such as BISYNC, FTP, or SNA data), call contact data (such as company name, contact, phone number, Remote ID, communication

type), selection of holidays during which auto connect schedule creation is suppressed, and a transmission schedule.

Communications Management (Gentran:Plus) enables you to view and update the status of stored communications data, monitor all EDI transmissions for successful completion, view the raw data by document and record, view complete auto connect/remote connect communications history, submit communications reports online, and update batch status flags and the communications history log failure scan.

System Flow

Figure 1.1 illustrates inbound and outbound flow through the subsystems described above. The numbers in the illustration correspond to the steps below the figure that describe the flow.

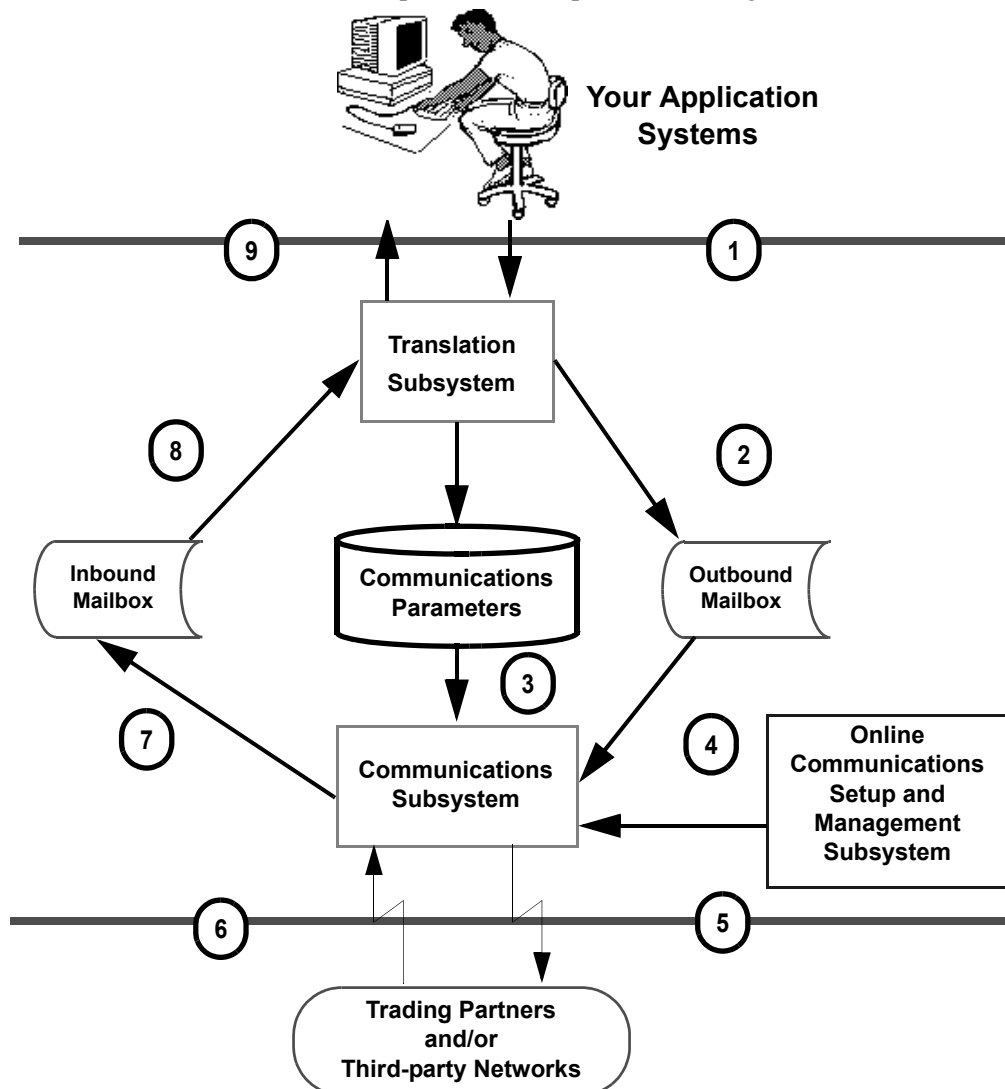


Figure 1.1 Gentran:Plus Inbound and Outbound Flows

The following steps describe the inbound and outbound flows through the Gentran:Plus subsystems.

1. The Translation subsystem receives your application file data sent from files, maps the data to standard format, and wraps EDI transmission envelopes around the data.
2. The file data is added into the Outbound Mailbox. The data is now ready for transmission to your trading partner or third-party network.
3. The Communications subsystem initiates communications sessions using the communications parameters specified for the trading partner/network.
4. The system reads the data found in the Outbound Mailbox.
5. The Communications subsystem transmits the data to the appropriate trading partner or network.
6. The Communications subsystem accepts inbound data from a trading partner or network.
7. The inbound data batches received are loaded into the Inbound Mailbox.
8. The Translation subsystem pulls the data received in the Inbound Mailbox and checks it for compliance to EDI standards.
9. The data is mapped to a specified application file format ready for use in your internal applications.

Online communications setup and management screens are used to set up and define the communications/transmissions information for each trading partner, and to manage communications data that is sent and received.

Communications Subsystem

The Communications subsystem of Gentran:Plus operates on a host mainframe and communicates with remote terminals or computers. The system enables you to operate in an unattended mode, to receive data from your trading partners/networks, and to transmit data to your trading partners/networks. Either you or your trading partners may initiate transmissions.

The following list describes many of the flexible and automated features of the Communications subsystem:

- An optional auto connect feature enables fully-automated, unattended data transmissions. The auto connect feature enables scheduled transmission to/from your direct-connect trading partner or third-party networks.
- FTP, BSC, and SNA network support enable you to communicate with most remote sites or trading partners.
- Automated incoming communication batch extraction and logging move data more quickly through the translator and into your internal application files.

- Information is transferred quickly to your trading partners/networks through automated initiation of communication sessions whenever outbound data becomes available.
- The Communications subsystem can handle almost 10 million individual batches (files) containing up to one billion records per batch.
- Your operators are alerted by control messages when a trading partner/network initiates a communication session.
- Multiple batch collection and transmission during a single connection aid in reducing line charges.
- The system enables you to permit trading partners/networks to control the selection and the order of the data batches to be transmitted.

The following functions are performed by the Communications subsystem:

- Data collection as it is transmitted to the Host
- Data transmission to remote trading partners/networks
- Initiation of the auto connect feature
- File management before and after data transmission

These functions are described in more detail in the following paragraphs.

Data Collection

The Communications subsystem collects inbound data sent to it by your trading partners/networks at remote sites. The subsystem also collects outbound data, moved through the translator and added to the outbound queues, for transmission to your trading partners.

Trading partners/networks can initiate a session by connecting to the Communications subsystem and sending data to the host. Also, host sites can use the Communications subsystem to collect data from trading partners/networks by manually dialing or allowing the system to auto dial the networks. The Communications subsystem also can initiate the process to collect batches of data from the remote trading partners using the auto connect feature.

Data required as input from trading partners/networks at the host site can be collected by the Communications subsystem and then extracted for input to the translator.

Data Transmission

The Communications subsystem transmits data that is requested by your remote trading partners. The trading partner/network can initiate this activity by connecting to the Communications subsystem and requesting that the host transmit the data. The Communications subsystem then transmits stored data that is authorized for access by that remote trading partner/network.

The Communications subsystem also can initiate data transmission activity from the host by manually dialing or auto dialing the remote trading partner/network. The host site also can initiate the connection with remote sites by using the auto connect feature.

Auto connect

The auto connect feature is host-initiated. This feature can be entirely automated to run without operator intervention at your site. You can use the auto connect feature with switched auto dial, switched manual dial, and non-switched lines.

When the auto connect feature is set to run automatically, the Communications subsystem maintains a record of all batches transmitted to and received from trading partners/networks during the auto connect (this record includes all unsuccessful transmissions). The Communications subsystem uses the VSAM Report utility to report the activities that occur during an auto connect. The Report utility can be initiated while the Communications subsystem is online. The data that is reported can be based on a wide variety of user-specified criteria.

Data Management

The Communications subsystem enables you to manage your communications data. Each file that is received (collected) from your trading partners, or that is available for transmission to your trading partners/networks, is called a *batch*. Data batches that are collected or are available for transmission are managed by the Communications subsystem in the form of VSAM batch files. You can use a set of flexible VSAM utilities (batch jobs) to access the files.

The following list defines the available Communications subsystem utilities and briefly describes their functions:

Utility	Function
List	Reports on mailbox data — including timestamps, status codes, etc.
Add	Adds data to mailboxes with appropriate ID control.
Extract	Allows retrieval of data for input to other applications.
Delete	Logically removes data from mailbox.
Erase	Physically removes data from mailbox.
Report	Reports on all auto connect activity. Reports on all remote connect activity.

Most VSAM utilities can be run concurrently with the Communications subsystem.

Communications Subsystem Activity

Figure 1.2 illustrates Communications subsystem activity for users of Gentran:Plus with Connect.

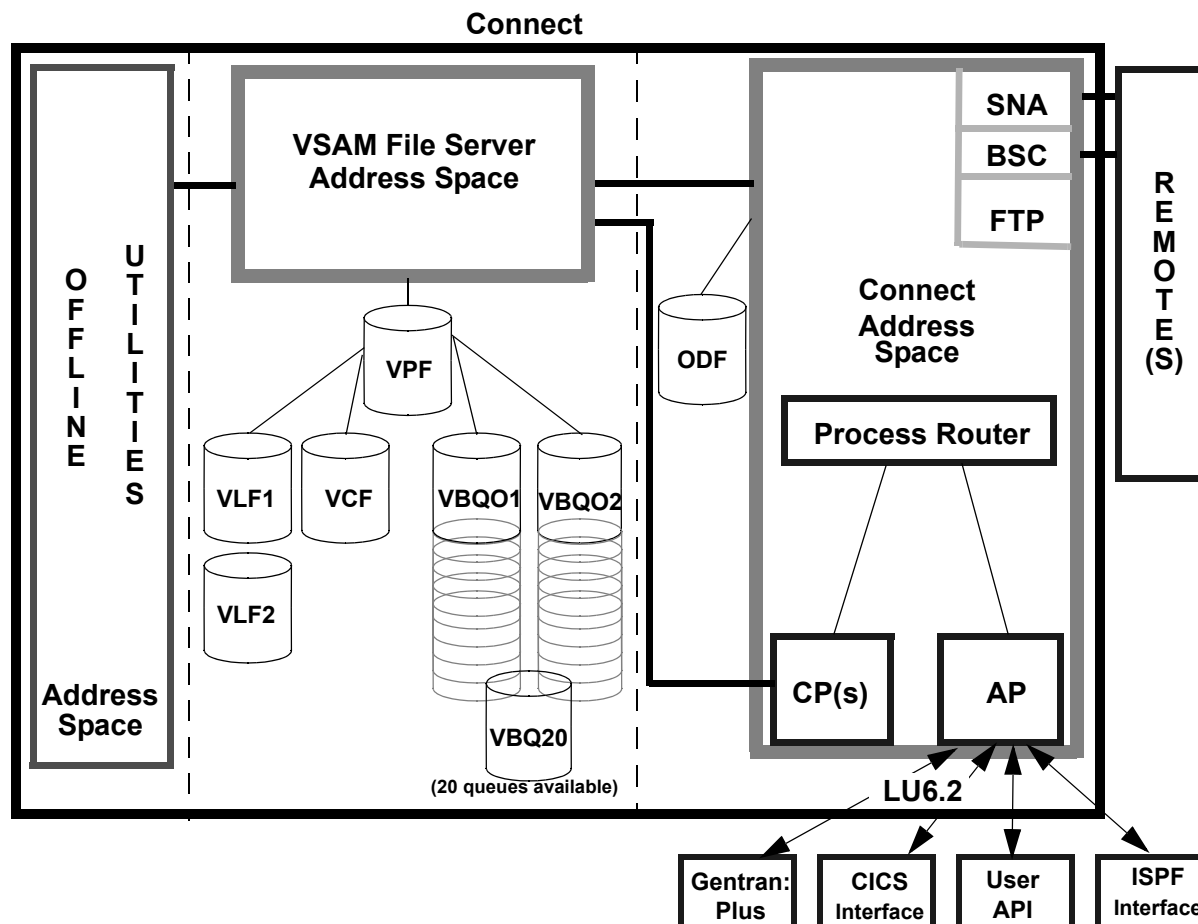


Figure 1.2 Communications Subsystem

The Communications subsystem is made up of the following components:

VSAM File Server

The VSAM File Server handles all VSAM files and performs all VSAM Input/Output operations. Cross Memory Services are used between the VSAM File Server and any address space that requires communication with it. All VSAM files are allocated and freed using dynamic allocation and de-allocation.

VSAM Pointer File (VPF)

The VSAM Pointer file is the main control file used by Connect; it controls data transmission and collection. This file also tracks data location by queue.

VSAM Control File (VCF)

The VSAM Control file contains batch status information.

VSAM Log Files (VLF)

The VSAM Log files contain communication session log information. These log records are used by the reporting functions of Connect.

Connect Subsystem

The Connect subsystem sends data to and receives data from remote trading partners or VANs. This module reads instructions from the Options Definition file, reads and writes data to the VSAM data queues, and writes session log records to the VSAM Log file.

Process Router

The Process Router is an internal process in the Connect subsystem that manages requests between the Command Processor and the Application Processor.

Command Processor

The Command Processor is an internal process that handles VSAM File Server requests.

Application Processor

The Application Processor is an internal process that handles the LU6.2 conversations between Connect and the application programs.

Options Definition File

The Options Definition file is the main configuration file for your Connect subsystem. The file contains the environmental, security, and automated connection instructions for the Connect subsystem. This file also indicates the user exits to use during run-time.

Interface Applications

Interface Applications are programs that communicate with the Mailbox subsystem via an LU6.2 conversation. The Gentran:Plus online environment, the Connect CICS Interface, and the Connect ISPF Interface are examples of these applications.

Translation Subsystem

The Translation subsystem performs EDI standards validations, compliance checking, mapping to/from EDI standards, error rejection, acknowledgment processing, and file splitting.

The Translator prepares the communications data for outbound processing, and processes the inbound data. This preparation and processing enables you to communicate easily with your trading partners/networks by checking your data and converting it to a public standard chosen by you and your trading partner. The Translation subsystem can be described best in two parts: inbound and outbound processing.

Inbound data received from your trading partners is checked to determine whether it complies with the agreed-upon EDI standard, and then is converted and passed to your internal application files via the Mapping subsystem.

The Mapping subsystem is a tool used to convert your inbound and outbound data to an intermediate file. The Mapping subsystem is an online, interactive subsystem that you can use to set up and maintain customized translation routines.

Outbound data that is transmitted to your trading partners/networks is prepared for transmission by the Mapping subsystem.

The following sections discuss details of inbound and outbound processing using the Mapping Integration feature.

Inbound Processing

When you receive EDI documents from your trading partner, the documents are in a public standard format. After your computer system has received an EDI document, the Translation subsystem proceeds to convert the data to your organization's format.

Figure 1.3 illustrates a high level view of inbound translation processing.

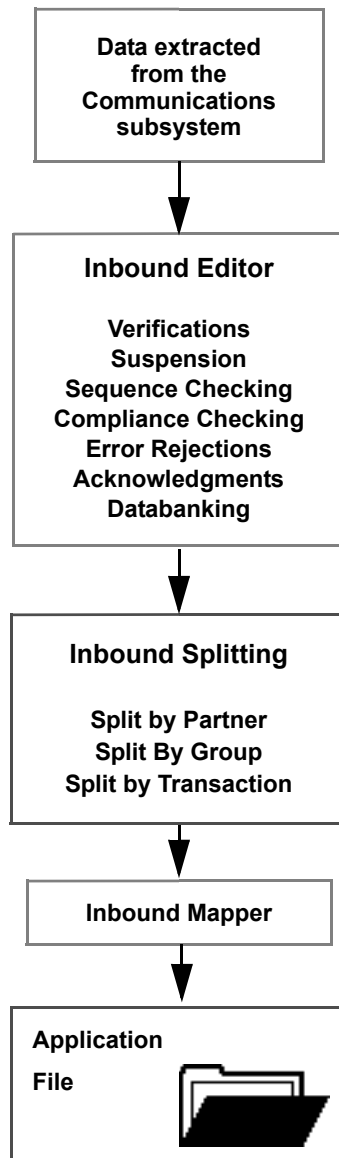


Figure 1.3 Inbound Translation Processing

The following steps describe inbound processing from the receipt of transaction sets from your trading partner for translation into your application file format.

1. Your trading partner sends you documents in a public standard upon which you and the trading partner have mutually agreed. This data is extracted from the Communications subsystem Inbound Mailbox for processing.

- The EDI input file is passed to the Inbound Editor. The editor also uses the following files:

File	Contents of File
Table file	Public standards
Error Message file	Error messages
Inbound EDI Databank	Records of inbound activity
Global Parameters file	Overall system operating rules
Partner file	Partner-specific operating rules

The Inbound Editor uses Partner file information for the trading partner to determine what functions to perform (e.g., data separation, error rejection, etc.) and how to respond to the inbound documents (e.g., acknowledgments generated etc.). The Editor ensures that the document complies with the standard. If the document does not comply, the editor creates an error report and possibly marks the data, or part of it, for rejection.

The edited data is passed to an intermediate file. The inbound EDI Databank is updated to record receipt of documents and acknowledgments of previous documents that you transmitted. The use of the Databank subsystem is optional.

- The intermediate file is passed to the Inbound Split program (EBDI015). This program separates the inbound data according to your criteria and rejects data that does not comply with standards, as previously marked by the Inbound Editor.
- The separated data is translated to your application file format using the maps you created using the Mapping subsystem.

Outbound Processing

Outbound processing prepares your application output data for transmission to your trading partners. Like inbound processing, outbound processing translates your application data to the chosen standard and ensures compliance with the selected public standard.

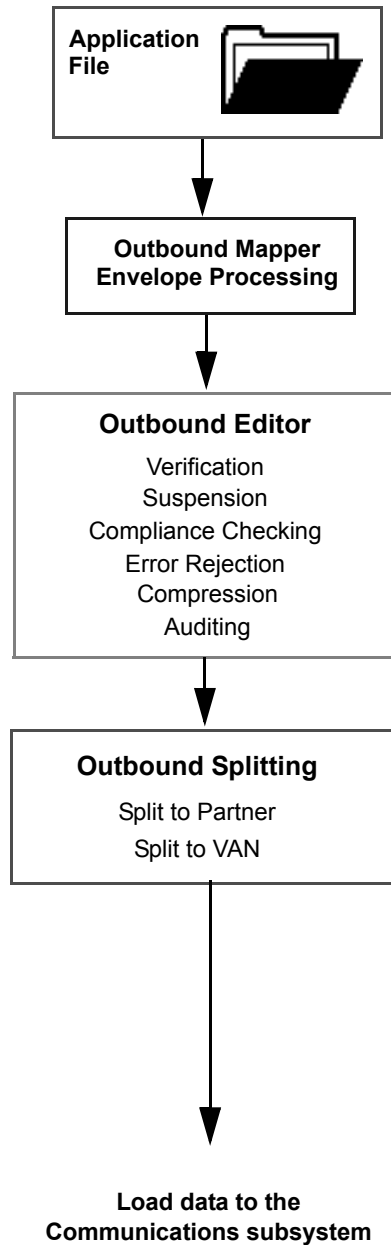


Figure 1.4 Outbound Translation Processing

The following steps describe outbound translation processing.

1. The system takes the data from your application output file and, using the maps you created, translates it to a public standard using the Outbound Mapper (EBDI042). The system generates the control envelopes necessary for transmitting the data and produces an intermediate file.

The Plus Runtime envelope parameter must be activated to generate the required \$\$ADD records that are needed to place data on the communications queues. This feature is selected by using the PLUS parameter record in the Enveloping Parameters input file (SYS000). The ID parameter assigned to the \$\$ADD record is obtained from the Mailbox/Remote ID on the Control Information screen (EDIM015) for the trading partner's envelope type. The BATCHID parameter assigned to the \$\$ADD record is obtained from the interchange header control number.

2. The intermediate file is passed to the Outbound Editor (EBDI002), which checks the data for compliance to the selected public EDI standard. The editor also uses the following files:

File	Contents of File
Table file	Public standards
Error Message file	Error messages
Outbound EDI Databank	Records of outbound activity
Global Parameters file	Overall system operating rules
Partner file	Partner-specific operating rules

Along with this intermediate file, functional acknowledgments from the Inbound Editor are input for compliance checking and databank updating. The Outbound Editor uses the Partner file information for the trading partner to determine what functions to perform (e.g., standards, data separation, error rejection, etc.). The Editor ensures that the document complies with the standard. If the document does not comply, the editor creates an error report and possibly marks the data, or part of it, for rejection.

When the Outbound Editor detects a \$\$ADD record in the data, it activates the DIRECTED OUTPUT FILES global parameter and builds a ####DIR Direction record before the \$\$ADD record. The output file identifier assigned to the ####DIR record is always 100, which is a special value reserved for Gentran:Plus.

3. The standard format file is passed to the Outbound Split program (EBDI016). This program divides the outbound data according to your criteria and rejects data that does not comply with standards, as previously marked by the Outbound Editor.

A DD statement for SYS100 must be included to receive the transmission data for trading partners designated as Gentran:Plus partners.

4. The separated data is loaded to the Outbound Mailbox of the Communications subsystem for transmission to your trading partner.

Translation Reporting

The Translation subsystem enables you to track the progress of your translated data using the Databank Inquiry Print program (EDID550). The Databank Inquiry Print program is flexible; it can be executed to print databank information selectively. You can request reports for all documents that have been acknowledged or reports indicating documents not acknowledged. The Databank Inquiry Print program also enables you to combine any of the print options with an AGE parameter to reduce the number selected.

Communications Setup and Management Subsystem

Online tools in Gentran:Plus aid in efficient management of communications data. These tools enable you to perform the following tasks:

- Specifically define and set up communications protocols for each trading partner.
- Manage inbound and outbound EDI communication by trading partner.

Communications Setup

In Gentran:Plus, support is provided for maximum communications flexibility. You can define the communications setup information to perform direct communications with your trading partners, use a third-party network to support multiple trading partners, or use a combination of both direct and Third-party communications.

Using either direct trading partner-to-trading partner communications, or a third-party network, you control the communications sessions by individualizing them for each trading partner. You can define the communications setup information as outlined below.

Transmission Facilities

The following three types of transmission facilities are supported:

- Dial-up (Switched) Manual Dial
- Dial-up (Switched) Auto Dial
- Dedicated Leased Line

Multiple Protocols

Trading partners/networks can be set up to use one of the following protocols:

- BISYNC 2780/3780
- SNA 3770
- X.25 3767
- FTP

Session Control Options

Script Support

Communications script support is provided for one-way *send-only* or *receive-only* and two-way *send/receive* communication sessions. The following script options can be used:

- Send only
- Receive only
- Send/receive
- Receive/send

Security

Security information is created for the Communications subsystem Security user exit. This enables you to control who can access the system. The following security options can be used:

- Remote ID
- User exits

Line Optimization

The following parameters are provided to optimize communications:

- Data compression
- Blocking factor

Transmission Scheduling

By using the following communications window options, you control exactly when communications is completed:

- Day of week
- Time of day
- Time intervals

To define and enter communication and transmission information, use the online Communication Profile Maintenance screens. Communications subsystem parameters are created on a daily basis using the information you enter using the Communications Profile online setup screens.

Communications Management

Online screens and detailed reports enable system-wide tracking of all EDI documents in Gentrans:Plus. Data tracking is available from the point of translation through communications. You can use either the interchange control number or a user-defined ID to track data. This flexibility enables you to track data easily from your application files through completed data transmissions to your trading partners.

The Gentrans:Plus Communications subsystem enables you to manage the data that has been sent or received between your organization and a specific trading partner/network. You can view or

change the status (for reprocessing) of outbound or inbound data records as they currently reside on the queues. You can view the actual details of the raw data, line by line, to verify the information as it was communicated. Communications Management also enables you to view an audit trail of all batch status changes as they affected the Control file.

Communications Management provides you with the following communications data monitoring capabilities:

Transmission Status and Control

The online Interchange Status screen in the Gentran:Plus Communications subsystem enables you to view the transmission status of inbound and outbound batch information that currently exists on your queues. This feature enables you to perform the following tasks:

- Monitor the transmission status of your communications data.
- Focus on problem areas.
- Verify data transmission immediately.

This screen also supports the following selection criteria to query and display selected batches:

- From/To Date
- From/To Time
- Status Code

Transmission control features in the Gentran:Plus Communications subsystem enable you to perform the following tasks:

- Change the status of outbound or inbound batch records to re-transmit outbound data through the Status Maintenance screen.
- Change the status of outbound or inbound batch records to reprocess inbound data batches through the Status Maintenance screen.

Transmission Audit Trail

The Communications subsystem's audit trail records each occurrence of an interchange/batch status change entered by a user. All tracking and audit information is completed in an unattended operation mode. The online Control File Change Audit screen displays a list of audit change records that includes the following:

- Data batch status changes
- The User ID of the user who changed a batch status code

Document Viewing

The online Interchange Detail and Interchange Line Detail screens enable you to view the detail lines of outbound interchange or inbound batch data. This feature enables you to do the following:

- View the raw transmission data by document or by record.
- View the data in either hexadecimal mode or character mode.

Function Keys

The Gentran:Plus system has a number of standard function keys. The standard function key commands always use the same function key number and are displayed in the same relative screen position. However, not all standard function keys necessarily are displayed on all the screens; rather, only the function keys that are required for a particular screen are displayed on that screen.

Standard function keys are defined below and are not defined in the subsequent subsystem chapters for each screen definition. Only function keys that are unique to a particular screen are defined for that screen.

Key	Function	Description
PF1	Help	Displays field-level and/or screen-level help text.
PF3	Exit	Exits to the next higher level (e.g., the previous menu). No actions are performed, even if there is a value in the A field.
PF7	Bwd	Scrolls backward to data that occurred earlier in the current screen or record (<i>for multi-line screens only</i>).
PF8	Fwd	Scrolls forward to data that occurred later in the current screen or record (<i>for multi-line screens only</i>).
PF9	Add	Adds the item selected.
PF10	Updt	Updates the item selected.
PF11	Del	Deletes the item selected. The Gentran:Plus system prompts you to confirm the deletion by pressing PF11 again.
PF12	Cancel	Cancels the current function when the Gentran:Plus system prompts you for a confirmation (such as delete).
PF15	Logoff	Log off the Gentran:Plus system, and display the Gentran:Basic Logon screen. Logoff is available only on menus.

See the section in the appropriate chapter of this guide for the function keys that apply to each particular screen or menu.

Common Keyboard Conventions

Keyboard conventions that are common throughout Gentran:Plus are described below:

Key	Description
Enter	Instructs Gentran to process the current function selected. You must press Enter to initiate the processing of most commands in Gentran, with the exception of the PF5=Select command. When specified on a screen, use PF5 to process the desired function. Note: On your keyboard, Enter might be labeled Return or CR , or with an arrow pointing down and then to the left.
Erase EOF	Clears all data in the available screen field to the right of the insertion point (including the character the insertion point is currently on). Sometimes this key is labeled End on the keyboard.
Backspace	Moves the insertion point left and deletes data in enterable screen fields.
Arrow keys	Moves the insertion point right or left within the line but does not alter the contents of the line.
Insert	Sets the keyboard to the insert mode. In the insert mode, any characters entered are inserted at the insertion point position and all the characters to the right of the insertion point position shift to the right.
Delete	Deletes the character where the insertion point is currently positioned. To delete more than one character, select all the characters in the field and press Delete . The insertion point returns to the first position in the field.
Home	Moves the insertion point to the jump code field at the top of the screen.

Each menu contains a selection field in which you enter the number of a task selection as listed on the menu. After you type the task selection number and press **Enter**, the system displays the appropriate screen.

This concludes the Gentran:Plus introduction. In Chapter 2 of this guide, you proceed through the step-by-step process of building a test profile. Specific information is required to build the communication profiles for your trading partners or third-party networks; defaults and necessary information are provided for you to enter on the screens.

See Chapter 5 of this guide for details about the Toolkit and instructions on accessing information.

The Gentran:Plus Network Toolkit also contains helpful hints and trading partner information you can use in the profile-building process.

Communications Tutorial

Overview

The steps in this chapter are structured to provide you with a basic understanding of the Gentran:Plus Communications subsystem. The steps are organized around the following subjects.

- Creating the communication profile records necessary for communications.
- Managing inbound and outbound communications queues.

Note: The procedures in the following sections should not be undertaken unless the entire system has been installed and is operational, including the Translation subsystem and the Communications subsystem.

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Logging on to Gentran

Security starts the moment the Gentran Logon screen displays. Enter a User ID and password to gain access to the system. The Gentran logon screen is shown below.

```
EDIM000                                     12/01/2005
                                           12:00:00

                G E N T R A N

SYSTEM IMAGE: EDI          PROGRAM IMAGE: EDI          DBK CONFIG:FFFF
GENTRAN:REALTIME 6.4      GENTRAN:CONTROL 6.4      PAUSE = EXIT PC KYBD
GENTRAN:PLUS 6.4         GENTRAN:STRUCTURE 6.4

                User ID: _____ Password:
                               New Password:

                ***TRADE SECRET NOTICE***
This software is the confidential and trade secret property of STERLING
COMMERCE (MID AMERICA), INC. and/or the owner of the software, and is
provided under the terms of a license agreement. No duplication or disclosure
without prior written permission. Restricted rights.

Enter                               PF3=Exit
```

You can change your password using this screen. New users should change their passwords the first time they log on. Gentran:Plus prevents users from reusing their previous passwords.

Note: TO SECURITY USERS: The security system displays menu selections for all possible Gentran features, including additional features such as Mapping Integration and Communications Management. Please activate only those features to which you have access.

Setting Up Communication

Step 1 Display the subfunctions within the Communications subsystem.

Typically performed by: EDI Coordinator

- Log on to the Gentrans:Plus system. From the Gentrans Main Menu, select option 6 (Gentrans:Plus Main Menu).

```

EDIM001 0.0 _____ GENTRAN MAIN MENU          XXX      12/01/2005
EDI/EDI                XXXXXXXX          12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      1. Partner Maintenance Menu
      2. Standards Maintenance Menu
      3. Databank Maintenance Menu
      4. Administrative Maintenance
      5. Mapping Maintenance Menu

      6. GENTRAN:Plus Main Menu
      7. GENTRAN:Control Main Menu
      8. GENTRAN:Realtime Main Menu
      9. GENTRAN:Viewpoint Main Menu (N/A)

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff
    
```

- Depending upon the Gentrans:Plus configuration setting of the 'User ID Security Flag' and the availability of the Connect communications product, the Communications Security screen may be displayed next. If it is displayed, enter your user ID and Password to continue into the Gentrans:Plus subsystem.

```

EDIM40V _____ COMMUNICATIONS SECURITY          XXX      12/01/2005
                                           12:00:00

User ID...: _____

Password...:

PLEASE ENTER YOUR USER ID AND PASSWORD
Enter PF1=Help          PF3=Exit
    
```

The Gentran:Plus Main Menu will be displayed next.

```
EDIM400 6.0_____          PLUS MAIN MENU          XXX      12/01/2005
                                                12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      - 1.  Communications Directory
        2.  Interchange Status
        3.  Interchange Detail
        4.  Communication History
        5.  Control File Change Audit
        6.  Communication Profile Maintenance
        7.  Communication Holiday Schedule Maintenance
        8.  Communication Utility Submission

Enter PF1=Help          PF3=Exit

                                                PF15=Logoff
```

Holiday Processing Schedule

The Holiday Processing Schedule screen is one of the tools in Gentran:Plus that enable you to meet the environmental requirements of your trading partners or networks. The Holiday Processing Schedule Screen enables you to implement a holiday schedule which tailors processing around your company’s holidays.

With the Gentran:Plus system, you can designate holidays, both specific and global (where year = XXXX), for which no connect schedules are generated. You can schedule around holidays when no business is transacted using a one-time procedure that can be completed at any time.

The following step is an example of those holidays for which no business is transacted. The year designation XXXX indicates a holiday that occurs on the same day each year.

```

Add Delete Update
EDIM415 6.7_____ HOLIDAY PROCESSING SCHEDULE      XXX 12/01/2005
                                                    12:00:00

Action   Holiday
         Date      Description
-----
-        _____
-        _____
-        _____
-        _____
-        _____
-        _____
-        _____
-        _____
-        _____
-        _____

END OF HOLIDAYS
Enter PF1=Help          PF3=Exit
      PF7=Bwd   PF8=Fwd
    
```

Step 2 Add the holidays.

For this procedure, type an **A** (for Add) in the Action (Action Code) field. To delete a holiday, you type a **D**. To update (change) a scheduled holiday, you type a **U**.

Typically performed by: EDI Coordinator

- From the Plus Main Menu, select option 7 (Communication Holiday Schedule Maintenance) and the Holiday Processing Schedule screen displays.
- Enter the following values for your holiday schedule:

Holiday Dates	Description
0101XXXX	New Years Day
05292006	Memorial Day

Holiday Dates	Description
0704XXXX	Fourth of July
09042006	Labor Day
11232006	Thanksgiving
11242006	Day After Thanksgiving
1225XXXX	Christmas

- Type an **A** in the Action (Action Code) field for each holiday schedule.
- Press **Enter** to add the holidays. The number of added holidays displays at the bottom of the screen.
- Verify that the screen is displayed as shown below.

```

Add Delete Update
EDIM415 6.7_____ HOLIDAY PROCESSING SCHEDULE          XXX 12/01/2005
                                                    12:00:00

Action  Holiday
Date   Description
-----
-      0101XXXX  NEW_YEARS_DAY_____
-      05292006  MEMORIAL_DAY_____
-      0704XXXX  FOURTH_OF_JULY_____
-      09042006  LABOR_DAY_____
-      11232206  THANKSGIVING_____
-      11242006  DAY_AFTER_THANKSGIVING_____
-      1225XXXX  CHRISTMAS_____
-      _____
-      _____
-      _____

END OF HOLIDAYS          STATUS  ADD: 7 DEL: 0 UPD: 0
Enter PF1=Help          PF3=Exit
      PF7=Bwd  PF8=Fwd
    
```

- Press **PF3=Exit** to return to the Plus Main Menu.

Communication Profile

Step 3 Open the Communication Profile screen.

Typically performed by: EDI Coordinator

- Select option **6** (Communication Profile Maintenance) from the Plus Main Menu, and the Communications Session Maintenance Selection Menu displays.

```

EDIM400 6.0_____ PLUS MAIN MENU          XXX      12/01/2005
                                                12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

        6  1.  Communications Directory
           2.  Interchange Status
           3.  Interchange Detail
           4.  Communication History
           5.  Control File Change Audit
           6.  Communication Profile Maintenance
           7.  Communication Holiday Schedule Maintenance
           8.  Communication Utility Submission

Enter PF1=Help          PF3=Exit

                                                PF15=Logoff
    
```

- From this menu, select option **2** to view the Communication Profile screen.

```

EDIM40A 6.6_____ COMMUNICATIONS SESSION MAINTENANCE  XXX      12/01/2005
                   SELECTION MENU                    12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

        2  1.  Communications Directory
           2.  Communication Profile
           3.  Communication Line Maintenance
           4.  Communication Schedule Maintenance
           5.  Communication Network Command Interface

Enter PF1=Help          PF3=Exit

                                                PF15=Logoff
    
```


Gentran:Plus is delivered with a BISYNC, an SNA, an FTP Client and an FTP Server communication profile setup example. The procedures to follow for each example are predominantly the same, so you may want to complete only one of the setup examples in this chapter.

This is the time to select any or all of the verification profiles (BISYNC, SNA, FTP Client, or FTP Server).

- To do BISYNC, continue to the next topic.
- To do the SNA example, proceed to “SNA Screens” on page 2-19.
- To do the FTP Client example, proceed to “FTP Client Screens” on page 2-30.
- To do the FTP Server example, proceed to “FTP Server Screens” on page 2-37.

The screens required to complete the communications profile setup are provided both in a blank and completed format in the sequence required to complete the process.

BISYNC Screens

Communication Profile

The first screen in the BISYNC communication profile setup is the Communication Profile screen.

```

EDIM406 6.6.4 _____ COMMUNICATION PROFILE XXX 12/01/2005
                                                    12:00:00

Remote Id.....: _____ List Name: _____
Copy From Remote Id: _____ Copy From List Name: _____

Company: _____ Division: _____
Contact: _____
Phone.....: ( ____ ) ____ - ____ X ____ International Dial Code: ____

Protocol.....: ____ (BSC/SNA/FTP) FTP Client or Server...: _ (C/S)
                                                    Connect with No Batches: _ (Y/N)

Extract Parameters:
Print Carriage Control: _ (Y/N/C) Record Separation.....: _____
Record Descriptor Word: _ (Y/N/SPACE) Transparency.....: _ (Y/N/B)

Last Update Date: _____ Time: _____ User: _____

Enter PF1=Help PF3=Exit PF4=Dir PF5=Protocol PF6=NextRec
PF9=Add PF10=Updt PF11=De
    
```

Step 4 Enter information to the Communication Profile screen.

Typically performed by: EDI Coordinator/Communications System Programmer

Fill in the required information as follows:

Field	Type this:
Remote ID	TESTBSC
List Name	TESTBSCL
Copy From Remote ID	(leave blank)
Copy From List Name	(leave blank)
Company	ANY COMPANY USA
Division	000
Contact	MR. STERLING
Phone	(999) 999-9999
International Dial Code	(leave blank)
Protocol	BSC
FTP Client or Server	(leave blank)
Connect with No Batches	N

Field	Type this:
Print Carriage Control	N
Record Separation	X15
Record Descriptor Word	(leave blank)
Transparency	B

- Press **PF9=Add** to complete this screen.
- Verify that the screen is displayed as shown below.

```

EDIM406 6.6.4 _____ COMMUNICATION PROFILE XXX 12/01/2005
                                                    12:00:00

Remote Id.....: TESTBSC_                List Name: TESTBSC
Copy From Remote Id: _____          Copy From List Name: _____

Company: ANY_COMPANY_USA _____      Division: ---
Contact: MR._STERLING _____
Phone.....: ( 999 ) 999 - 9999 X _____ International Dial Code: ___

Protocol.....: BSC (BSC/SNA/FTP)         FTP Client or Server...: _ (C/S)
                                                    Connect with No Batches: N (Y/N)

Extract Parameters:
Print Carriage Control: N (Y/N/C)        Record Separation.....: X15__
Record Descriptor Word: _ (Y/N/SPACE)     Transparency.....: B (Y/N/B)

Last Update Date: 12/01/05 Time: 12:00:00 User: XXX
COMPRF RECORD ADDED
Enter PF1=Help          PF3=Exit PF4=Dir          PF5=Protocol   PF6=NextRec
                        PF9=Add PF10=Updt PF11=Del
    
```

- Press **PF5=Protocol** to transfer to the BISYNC Communications Profile screen.

BISYNC Communications Profile

The second screen in the BISYNC communication profile setup is the BISYNC Communications Profile screen.

```

EDIM407 _____ BISYNC COMMUNICATIONS PROFILE                XXX 12/01/2005
                                                                12:00:00

Remote Id.....: TESTBSC_ List Name.....: TESTBSCL
2780.....: _ (Y/N) 3780.....: _ (Y/N)
Host Id Verify.....: _ (Y/N) Remote Site Id.....: _____
Phone Number.....: _____ Mode....: _ (SR/SO/RS/RO)
Transparency.....: _ (Y/N) Records per Block.....: _____
Blank Compress.....: _ (Y/N) Trailing Blank Trunc....: _ (Y/N)
Switched Line.....: Y (Y/N) Auto Dial.....: Y (Y/N)
Retries.....: _____ Queue Auto Connects.....: _ (Y/N)
One Batch.....: _ (Y/N) Batch Separation.....: _ (BLANK/1/2/3)
Jes/Power Processing:
Jes.....: _ (Y/N) Disconnect Interval.....: _____
VSE/Power.....: _ (Y/N) Signoff.....: _ (BLANK/Y/N)
Signon.....: .....1.....2.....3.....4
                                                                (COLS. 01-40)
                                                                (COLS. 41-80)
Last Update Date: 12/01/05 Time: 12:00:00 User: XXX

Enter PF1=Help          PF3=Exit PF4=Profile    PF5=Schedule    PF6=LineMnt
                        PF10=Uprt
    
```

Step 5 Enter information to the BISYNC Communication Profile screen.

Typically performed by: EDI Coordinator/Communications system programmer

- Fill in the required information as follows:

Field:	Type this:
Remote ID	TESTBSC
List Name	TESTBSCL
2780	N
3780	Y
Host ID Verify	N
Remote Site ID	(leave blank)
Phone Number	(999) 999-9999
Mode	SR
Transparency	N
Records per Block	06
Blank Compress	N
Trailing Blank Trunc	N
Switched Line	Y

Field:	Type this:
Auto Dial	Y
Retries	00
Queue Auto Connects	N
One Batch	N
Batch Separation	(leave blank)
Jes	N
Disconnect Interval	0000
VSE/Power	N
Signoff	(leave blank)
Signon	(leave blank)

- Press **PF10** to complete this screen. When prompted, press **Enter** to only update Gentran:Plus.

```

EDIM407 _____ BISYNC COMMUNICATIONS PROFILE                XXX 12/01/2005
                                                                12:00:00

Remote Id.....: TESTBSC_  List Name.....: TESTBSCL
2780.....: N (Y/N)  3780.....: Y (Y/N)
Host Id Verify.....: N (Y/N)  Remote Site Id.....: _____
Phone Number.....: (999)999-999_____ Mode...: SR (SR/SO/RS/RO)
Transparency.....: N (Y/N)  Records per Block.....: 06_
Blank Compress.....: N (Y/N)  Trailing Blank Trunc....: N (Y/N)
Switched Line.....: Y (Y/N)  Auto Dial.....: Y (Y/N)
Retries.....: 00  Queue Auto Connects.....: N (Y/N)
One Batch.....: N (Y/N)  Batch Separation.....: _ (BLANK/1/2/3)
Jes/Power Processing:
Jes.....: N (Y/N)  Disconnect Interval.....: 0000
VSE/Power.....: N (Y/N)  Signoff.....: _ (BLANK/Y/N)
Signon.....: .....1.....2.....3.....4
                                     _____ (COLS. 01-40)
                                     _____ (COLS. 41-80)
Last Update Date: 12/01/05 Time: 12:00:00 User: XXX
PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS
Enter PF1=Help          PF3=Exit PF4=Profile  PF5=Schedule  PF6=LineMnt
                        PF10=Updt

```

- ☐ Verify that the completed screen is displayed as shown below.

```

EDIM407 _____ BISYNC COMMUNICATIONS PROFILE                XXX 12/01/2005
                                                                12:00:00

Remote Id.....: TESTBSC_ List Name.....: TESTBSCL
2780.....: N (Y/N) 3780.....: Y (Y/N)
Host Id Verify....: N (Y/N) Remote Site Id.....: _____
Phone Number.....: (999)999-999_____ Mode....: SR (SR/SO/RS/RO)
Transparency.....: N (Y/N) Records per Block.....: 06_
Blank Compress....: N (Y/N) Trailing Blank Trunc....: N (Y/N)
Switched Line.....: Y (Y/N) Auto Dial.....: Y (Y/N)
Retries.....: 00 Queue Auto Connects.....: N (Y/N)
One Batch..... N (Y/N) Batch Separation.....: _ (BLANK/1/2/3)
Jes/Power Processing:
Jes.....: N (Y/N) Disconnect Interval.....: 0000
VSE/Power.....: N (Y/N) Signoff.....: _ (BLANK/Y/N)
Signon.....: ...+...1...+...2...+...3...+...4
                                                    (COLS. 01-40)
                                                    (COLS. 41-80)
Last Update Date: 12/01/05 Time: 12:00:00 User: XXX

COMPRF UPDATED
Enter PF1=Help          PF3=Exit PF4=Profile  PF5=Schedule  PF6=LineMnt
                        PF10=Updt
    
```

- ☐ Press **PF6=LineMnt** to transfer to the BISYNC Line Maintenance screen.

BISYNC Line Maintenance

The third screen in the BISYNC communications profile setup is the BISYNC Line Maintenance screen. This screen enables you to attach up to 10 BISYNC communications lines to a List Name and to update existing BISYNC line profile records or to view existing BISYNC line profile definitions.

```

EDIM414 6.6.3_____ BISYNC LINE MAINTENANCE          XXX 12/01/2005
                                                    12:00:00

Remote Id.: TESTBSC_                               List Name.: TESTBSCL

Line Id      Description
_____  
_____  
_____  
_____  
_____  
_____  
_____  
_____  
_____  
_____

Last Update Date: 12/01/05  Time: 00:00:00  User:  SCI

Enter PF1=Help          PF3=Exit PF4=Profile
                        PF10=Updt
    
```

Step 6 Enter information to the BISYNC Line Maintenance screen.

Typically performed by: EDI Coordinator/Communications System Programmer

- Fill in the required information as follows:

Field:	Type this:
Remote ID	TESTBSC
List Name	TESTBSCL
LINE01	TEST LINE 1
LINE02	TEST LINE 2
LINE03	TEST LINE 3

- Press **PF10** to complete this screen.

- Verify that the completed screen is displayed as shown below.

```

EDIM414 6.6.3_____ BISYNC LINE MAINTENANCE          XXX 12/01/2005
                                                    12:00:00

Remote Id.: TESTBSC_                               List Name.: TESTBSCL

Line Id      Description
LINE01_____ TEST_LINE_1_____
LINE02_____ TEST_LINE_2_____
LINE03_____ TEST_LINE_3_____
_____
_____
_____
_____
_____
_____
_____
_____

Last Update Date: 12/01/05  Time: 12:00:00  User:  XXX
COMPRF UPDATED
Enter PF1=Help                PF3=Exit PF4=Profile
                                PF10=Updt
    
```

- Press **PF4=Profile** to return to the BISYNC Communications Profile screen.
- From the BISYNC Communications Profile screen, press **PF5=Schedule** to transfer to the Transmission Schedule screen.

Transmission Schedule

The Transmission Schedule screen updates and displays schedule information on the Communication Profile file.

```

EDIM410 6.6.4_____ TRANSMISSION SCHEDULE XXX 12/01/2005
                                     12:00:00

Remote Id: TESTBSC_      List Name: TESTBSCL  Calendar: _____

      Day of Call          Start      Stop      Interval
      (S M T W T F S)      (HHMM)   (HHMM)   (Seconds)
      -----
      - - - - -            - - -    - - -    - - -
      - - - - -            - - -    - - -    - - -
      - - - - -            - - -    - - -    - - -
      - - - - -            - - -    - - -    - - -
      - - - - -            - - -    - - -    - - -
      - - - - -            - - -    - - -    - - -
      - - - - -            - - -    - - -    - - -
      - - - - -            - - -    - - -    - - -
      - - - - -            - - -    - - -    - - -
      - - - - -            - - -    - - -    - - -

                                     Last Update Date: 12/01/05 Time: 12:00:00 User: XXX

Enter PF1=Help          PF3=Exit PF4=Profile    PF5=ID List
                           PF10=Updt
    
```

Step 7 Enter information to the Transmission Schedule screen.

Typically performed by: EDI Coordinator

- Fill in the required information as follows:

Field:	Type this:
Remote ID	TESTBSC
List Name	TESTBSCL
Calendar	(leave blank)
Day of Call	Type x in the spaces for Monday, Wednesday, and Friday
Start	0900
Stop	0900
Interval	0000
Day of Call	Type x in the spaces for Monday, Wednesday, and Friday
Start	1400
Stop	1400
Interval	0000

- Press **PF10=Updt** to complete this screen.

- Verify that the completed screen is displayed as shown below.

```

EDIM410 6.6.4_____ TRANSMISSION SCHEDULE XXX 12/01/2005
                                     12:00:00

Remote Id: TESTBSC_      List Name: TESTBSCL  Calendar: _____

      Day of Call      Start      Stop      Interval
      (S M T W T F S)  (HHMM)    (HHMM)    (Seconds)
      _ X _ X _ X _    0900      0900      0000
      _ X _ X _ X _    1400      1400      0000
      - - - - - - -    - - - - - - -
      - - - - - - -    - - - - - - -
      - - - - - - -    - - - - - - -
      - - - - - - -    - - - - - - -
      - - - - - - -    - - - - - - -
      - - - - - - -    - - - - - - -
      - - - - - - -    - - - - - - -
      - - - - - - -    - - - - - - -

Last Update Date: 12/01/05 Time: 12:00:00 User: XXX
TRANSMISSION UPDATED
Enter PF1=Help      PF3=Exit PF4=Profile  PF5=ID List
                    PF10=Updt
    
```

- Press **PF3=Exit** to return to the Communications Session Maintenance Selection Menu.
- From this menu, select option 2 to display the Communication Profile screen.

If you are completing only the BISYNC communication profile setup example, skip “SNA Screens” on page 2-19, “FTP Client Screens” on page 2-30, and “FTP Server Screens” on page 2-37 and proceed to “Communication Directory” on page 2-51.

SNA Screens

Communication Profile

The first screen in the SNA communication profile setup is the Communication Profile screen.

```

EDIM406 6.6.4_____ COMMUNICATION PROFILE XXX 12/01/2005
                                           12:00:00

Remote Id.....: _____ List Name: _____
Copy From Remote Id: _____ Copy From List Name: _____

Company: _____ Division: _____
Contact: _____
Phone.....: ( ___ ) ___ - ___ X ___ International Dial Code: ___

Protocol.....: ___ (BSC/SNA/FTP) FTP Client or Server...: _ (C/S)
Connect with No Batches: _ (Y/N)

Extract Parameters:
Print Carriage Control: _ (Y/N/C) Record Separation.....: _____
Record Descriptor Word: _ (Y/N/SPACE) Transparency.....: _ (Y/N/B)

Last Update Date: _____ Time: _____ User: _____

Enter PF1=Help PF3=Exit PF4=Dir PF5=Protocol PF6=NextRec
PF9=Add PF10=Updt PF11=Del
  
```

Step 8 Enter information to the Communication Profile screen.

Typically performed by: EDI Coordinator/Communications System Programmer

Fill in the required information as follows:

Field:	Type this:
Remote ID	TESTSNA
List Name	TESTSNAL
Copy From Remote ID	(leave blank)
Copy From List Name	(leave blank)
Company	ANY COMPANY USA
Division	000
Contact	MR. STERLING
Phone	(999) 999-9999
International Dial Code	(leave blank)
Protocol	SNA
FTP Client or Server	(leave blank)
Connect with No Batches	N

Field:	Type this:
Print Carriage Control	N
Record Separation	C0080
Record Descriptor Word	(leave blank)
Transparency	N

- Press **PF9=Add** to complete this screen.
- Verify that the completed screen is displayed as shown below.

```

EDIM406 6.6.4 _____ COMMUNICATION PROFILE XXX 12/01/2005
                                                    12:00:00

Remote Id.....: TESTSNA_                List Name: TESTSNAL
Copy From Remote Id: _____          Copy From List Name: _____

Company: ANY_COMPANY_USA _____      Division: 000
Contact: MR._STERLING _____
Phone.....: ( 999 ) 999 - 9999 X _____ International Dial Code: ___

Protocol.....: SNA (BSC/SNA/FTP)         FTP Client or Server...: _ (C/S)
                                                    Connect with No Batches: N (Y/N)

Extract Parameters:
Print Carriage Control: N (Y/N/C)         Record Separation.....: C0080
Record Descriptor Word: _ (Y/N/SPACE)     Transparency.....: N (Y/N/B)

Last Update Date: 12/01/05 Time: 12:00:00 User: XXX
COMPRF RECORD ADDED
Enter PF1=Help          PF3=Exit PF4=Dir          PF5=Protocol PF6=NextRec
                        PF9=Add PF10=Updt PF11=Del
    
```

- Press **PF5=Protocol** to transfer to the SNA Communication Profile screen.

SNA Communication Profile

The second screen in the SNA communication profile setup is the SNA Communication Profile.

```

EDIM408 _____ SNA COMMUNICATION PROFILE XXX 12/01/2005
                                           12:00:00

Remote Id: TESTSNA_          List Name: TESTSNAL

Retries.....: _
Disconnect Interval.....: _ (Seconds)
Concurrent Sessions.....: _
Delay.....: _
Queue Auto Connects.....: _ (Y/N)
Batch Separation.....: _ (Blank/3)
One Batch.....: _ (Y/N)

Remote Output Media:
Console Screen.....: _ (Y/N)
Printer.....: _ (Y/N)
Punch.....: _ (Y/N)      Last Update Date: 12/01/05
Transmission Exchange Format.....: _ (Y/N)      Time: 12:00:00
Basic Exchange Format.....: _ (Y/N)      User: XXX

Enter PF1=Help          PF3=Exit PF4=Profile    PF5=Remotes
                        PF10=Updt

```

Step 9 Enter information to the SNA Communication Profile screen.

Typically performed by: EDI Coordinator/Communications System Programmer

Fill in the required information as follows:

Field:	Type this:
Remote ID	TESTSNA
List Name	TESTSNAL
Retries	03
Disconnect Interval	0030
Concurrent Sessions	02
Delay	0030
Queue Auto Connects	Y
Batch Separation	(leave blank)
One Batch	N
Console Screen	N
Printer	N
Punch	Y
Transmission Exchange Format	N
Basic Exchange Format	N

- ☐ Press **PF10=Updt** to complete this screen. When prompted, press **Enter** to only update Plus.

```

EDIM408 _____ SNA COMMUNICATION PROFILE XXX 12/01/2005
                                                    12:00:00

Remote Id: TESTSNA_                               List Name: TESTSNAL

Retries.....: 03
Disconnect Interval.....: 0030 (Seconds)
Concurrent Sessions.....: 02
Delay.....: 0030
Queue Auto Connects.....: Y (Y/N)
Batch Separation.....: _ (Blank/3)
One Batch.....: N (Y/N)

Remote Output Media:
Console Screen.....: N (Y/N)
Printer.....: N (Y/N)
Punch.....: Y (Y/N)      Last Update Date: 12/01/05
Transmission Exchange Format.....: N (Y/N)      Time: 12:00:00
Basic Exchange Format.....: N (Y/N)      User: XXX
PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS
Enter PF1=Help          PF3=Exit PF4=Profile   PF5=Remotes
                        PF10=Updt
    
```

- ☐ Verify that the completed screen is displayed as shown below.

```

EDIM408 _____ SNA COMMUNICATION PROFILE XXX 12/01/2005
                                                    12:00:00

Remote Id: TESTSNA_                               List Name: TESTSNAL

Retries.....: 03
Disconnect Interval.....: 0030 (Seconds)
Concurrent Sessions.....: 02
Delay.....: 0030
Queue Auto Connects.....: Y (Y/N)
Batch Separation.....: _ (Blank/3)
One Batch.....: N (Y/N)

Remote Output Media:
Console Screen.....: N (Y/N)
Printer.....: N (Y/N)
Punch.....: Y (Y/N)      Last Update Date: 12/01/05
Transmission Exchange Format.....: N (Y/N)      Time: 12:00:00
Basic Exchange Format.....: N (Y/N)      User: XXX
COMPRF UPDATED
Enter PF1=Help          PF3=Exit PF4=Profile   PF5=Remotes
                        PF10=Updt
    
```

- ☐ Press **PF5=Remotes** to transfer to the SNA Communication Profile Remote Maintenance screen.

SNA Communication Profile Remote Maintenance

The third screen in the SNA communications profile setup is the SNA Communication Profile Remote Maintenance screen.

```

EDIM409 _____ SNA COMMUNICATION PROFILE          XXX 12/01/2005
                      REMOTE MAINTENANCE                12:00:00

Remote ID: TESTSNA_          List Name: TESTSNAL

Primary Logical Unit:
Lu Name.....: _____ Pool Name.....: _____
Secondary Logical Unit:
Remote ACB.....: _____ Logmode.....: _____
Userdata.....: _____
SDLC Parameters:
Sterling Connect....: ___ (Y/N/DL/SPC)
Compress.....: ___ (Y/N)   Transparency.....: ___ (Y/N/Blank)
Console.....: ___ (Y/N)   Batch Separation....: ___ (Blank/3)
Truncation.....: ___ (Y/N) Media.....: ___ (Blank/CN/PR/PU/
Block Size.....: _____ EX/BX)
FMH.....: _____ (Y/N/NPP/X25/IE)   Last Update Date: 12/01/05
Queue Session.....: ___ (Y/N)           Time: 12:00:00
Device.....: _____ (Blank/ST400)   User: XXX

Enter PF1=Help          PF3=Exit PF4=Profile   PF5=Schedule
                      PF10=Updt

```

Step 10 Enter information to the SNA Communication Profile Remote Maintenance screen.

Typically performed by: EDI Coordinator/Communications system programmer



Fill in the required information as follows:

Field:	Type this:
Remote ID	TESTSNA
List Name	TESTSNAL
Lu Name	LUNAME1
Pool Name	(leave blank)
Remote ACB	(leave blank)
Logmode	(leave blank)
Userdata	(leave blank)
Sterling Connect	N
Compress	Y
Transparency	(leave blank)
Console	Y
Batch Separation	(leave blank)
Truncation	Y

Field:	Type this:
Media	(leave blank)
Block Size	0512
FMH	Y
Queue Session	N
Device	(leave blank)

Press **PF10=Updt** to complete this screen. When prompted, press **Enter** to only update Plus.

```

EDIM409 _____ SNA COMMUNICATION PROFILE          XXX 12/01/2005
                    REMOTE MAINTENANCE                12:00:00

Remote ID: TESTSNA_          List Name: TESTSNAL

Primary Logical Unit:
  Lu Name.....: LUNAME1_   Pool Name.....: _____
Secondary Logical Unit:
  Remote ACB.....: _____ Logmode.....: _____
  Userdata.....: _____
SDLC Parameters:
  Sterling Connect....: N__ (Y/N/DL/SPC)
  Compress.....: Y (Y/N)   Transparency.....: _ (Y/N/Blank)
  Console.....: Y (Y/N)   Batch Separation....: _ (Blank/3)
  Truncation.....: Y (Y/N) Media.....: _ (Blank/CN/PR/PU/
  Block Size.....: 0512                                     EX/BX)
  FMH.....: Y__ (Y/N/NPP/X25/IE)   Last Update Date: 12/01/05
  Queue Session.....: N (Y/N)      Time: 12:00:00
  Device.....: _____ (Blank/ST400)   User: XXX
PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS
Enter PF1=Help          PF3=Exit PF4=Profile   PF5=Schedule
                        PF10=Updt
    
```


- ☐ Verify that the completed screen is displayed as shown below.

```

EDIM409 _____ SNA COMMUNICATION PROFILE          XXX 12/01/2005
                    REMOTE MAINTENANCE                12:00:00

Remote ID: TESTSNA_          List Name: TESTSNAL

Primary Logical Unit:
  Lu Name.....: LUNAME1_   Pool Name.....: _____
Secondary Logical Unit:
  Remote ACB.....: _____ Logmode.....: _____
  Userdata.....: _____
SDLC Parameters:
  Sterling Connect....: N__ (Y/N/DL/SPC)
  Compress.....: Y (Y/N)   Transparency.....: _ (Y/N/Blank)
  Console.....: Y (Y/N)   Batch Separation....: _ (Blank/3)
  Truncation.....: Y (Y/N) Media.....: _ (Blank/CN/PR/PU/
  Block Size.....: 0512                                     EX/BX)
  FMH.....: Y__ (Y/N/NPP/X25/IE)   Last Update Date: 12/01/05
  Queue Session.....: N (Y/N)       Time: 12:00:00
  Device.....: _____ (Blank/ST400)   User: XXX
COMPRF UPDATED
Enter PF1=Help          PF3=Exit PF4=Profile   PF5=Schedule
                        PF10=Updt

```

- ☐ Press **PF5=Schedule** to transfer to the Transmission Schedule screen.

Transmission Schedule

The Transmission Schedule screen updates and displays schedule information on the Communication Profile file.

```

EDIM410 6.6.4_____ TRANSMISSION SCHEDULE XXX 12/01/2005
                                           12:00:00

Remote Id: TESTSNA_      List Name: TESTSNAL  Calendar: _____

      Day of Call      Start      Stop      Interval
      (S M T W T F S)  (HHMM)   (HHMM)   (Seconds)
-----
      - - - - -        - - - - -   - - - - -   - - - - -
      - - - - -        - - - - -   - - - - -   - - - - -
      - - - - -        - - - - -   - - - - -   - - - - -
      - - - - -        - - - - -   - - - - -   - - - - -
      - - - - -        - - - - -   - - - - -   - - - - -
      - - - - -        - - - - -   - - - - -   - - - - -
      - - - - -        - - - - -   - - - - -   - - - - -
      - - - - -        - - - - -   - - - - -   - - - - -
      - - - - -        - - - - -   - - - - -   - - - - -

                                Last Update Date: 12/01/05 Time: 12:00:00 User: XXX

Enter PF1=Help      PF3=Exit PF4=Profile  PF5=ID List
                                PF10=Updt
    
```

Step 11 Enter information to the Transmission schedule screen.

Typically performed by: EDI Coordinator

- Fill in the required information as follows:

Field	Heading
Remote ID	TESTSNA
List Name	TESTSNAL
Calendar	(leave blank)
Day of Call	Type x in the spaces for Monday, Wednesday, and Friday
Start	0900
Stop	0900
Interval	0000
Day of Call	Type x in the spaces for Monday, Wednesday, and Friday
Start	1400
Stop	1400
Interval	0000

- Press **PF10** to complete this screen.

- ☐ Verify that the completed screen is displayed as shown below.

```

EDIM410 6.6.4_____ TRANSMISSION SCHEDULE XXX 12/01/2005
                                      12:00:00

Remote Id: TESTSNA_          List Name: TESTSNAL          Calendar: _____

      Day of Call          Start          Stop          Interval
      (S M T W T F S)      (HHMM)      (HHMM)      (Seconds)
      - X _ X _ X _        0900        0900        0000
      - X _ X _ X _        1400        1400        0000
      - - - - -
      - - - - -
      - - - - -
      - - - - -
      - - - - -
      - - - - -
      - - - - -
      - - - - -
      - - - - -
      - - - - -
      - - - - -
      - - - - -

Last Update Date: 12/01/05 Time: 12:00:00 User: XXX

TRANSMISSION UPDATED
Enter PF1=Help          PF3=Exit PF4=Profile    PF5=ID List
                        PF10=Updt
    
```

- ☐ Press **PF5=ID List** to transfer to the ID List Maintenance screen.

ID List Maintenance

The ID List Maintenance screen enables you to send a list of IDs to a single remote during an autoconnect. You control the order in which the batches are sent in the following way: batches under the End List ID are transmitted last in the session, and only if at least one batch specified by an ID List is available for transmission.

```

EDIM419 _____ ID LIST MAINTENANCE XXX 12/01/2005
                                           12:00:00

Remote Id: TESTSNA_      List Name: TESTSNAL

Begin List: _____

ID List:  _____
          _____
          _____
          _____
          _____

End List:  _____

                               Last Update Date: 12/01/05 Time: 12:00:00 User: XXX

Enter PF1=Help          PF3=Exit PF4=Schedule
    
```

Step 12 Add information to the ID List Maintenance screen.

Typically performed by: EDI Coordinator

- Fill in the required information as follows:

Field:	Type this:
Remote ID	TESTSNA
List Name	TESTSNAL
Begin List	(leave blank)
ID List	Fill in the fields from left to right with these batch names: <ul style="list-style-type: none"> • PAYROLL • REPORTS • MISC
End List	SIGNOFF

- Press **PF10=Updt** to complete this screen. When prompted, press **Enter** to only update Plus.

```

EDIM419 _____ ID LIST MAINTENANCE XXX 12/01/2005
                                           12:00:00

Remote Id: TESTSNA_      List Name: TESTSNAL

Begin List: _____

ID List:  PAYROLL_  REPORTS_  MISC___  _____  _____
          _____  _____  _____  _____  _____
          _____  _____  _____  _____  _____

End List:  SIGNOFF_

                                           Last Update Date: 12/01/05 Time: 12:00:00 User: XXX

PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS
Enter PF1=Help          PF3=Exit PF4=Schedule
                          PF10=Updt
  
```

- Verify that the completed screen is displayed as shown below.

```

EDIM419 _____ ID LIST MAINTENANCE XXX 12/01/2005
                                           12:00:00

Remote Id: TESTSNA_      List Name: TESTSNAL

Begin List: _____

ID List:  PAYROLL_  REPORTS_  MISC___  _____  _____
          _____  _____  _____  _____  _____
          _____  _____  _____  _____  _____

End List:  SIGNOFF_

                                           Last Update Date: 12/01/05 Time: 12:00:00 User: XXX

COMM PROFILE ID HAS BEEN UPDATED
Enter PF1=Help          PF3=Exit PF4=Schedule
                          PF10=Updt
  
```

- Press **PF3=Exit** to return to the Communications Session Maintenance Selection menu.
- From the Communications Session Maintenance Selection menu, select option 2 (Communications Profile) and press **Enter**.

If you are not completing “FTP Client Screens” on page 2-30 or “FTP Server Screens” on page 2-37”, proceed to “Communication Directory” on page 2-51.

FTP Client Screens

Communication Profile

The first screen in the FTP Client communication profile setup is the Communication Profile screen.

```

EDIM406 6.6.4 _____ COMMUNICATION PROFILE XXX 12/01/2005
                                                    12:00:00

Remote Id.....: _____ List Name: _____
Copy From Remote Id: _____ Copy From List Name: _____

Company: _____ Division: ____
Contact: _____
Phone.....: ( ____ ) ____ - ____ X ____ International Dial Code: ____

Protocol.....: ____ (BSC/SNA/FTP) FTP Client or Server...: _ (C/S)
Connect with No Batches: _ (Y/N)

Extract Parameters:
Print Carriage Control: _ (Y/N/C) Record Separation.....: _____
Record Descriptor Word: _ (Y/N/SPACE) Transparency.....: _ (Y/N/B)

Last Update Date: _____ Time: _____ User: _____

Enter PF1=Help PF3=Exit PF4=Dir PF5=Protocol PF6=NextRec
PF9=Add PF10=Updt PF11=Del
    
```

Step 13 Enter information to the Communication Profile screen.

Typically performed by: EDI Coordinator/Communications System Programmer

Fill in the required information as follows:

Field:	Type this:
Remote ID	TSTFTPC
List Name	(leave blank) not required for FTP Client
Copy From Remote ID	(leave blank)
Copy From List Name	(leave blank)
Company	ANY COMPANY USA
Division	000
Contact	MR. STERLING
Phone	(999) 999-9999
International Dial Code	(leave blank)
Protocol	FTP
FTP Client or Server	C

Field:	Type this:
Connect with No Batches	N
Print Carriage Control	N
Record Separation	(leave blank)
Record Descriptor Word	(leave blank)
Transparency	B

- Press **PF9=Add** to complete this screen.
- Verify that the completed screen is displayed as shown below.

```

EDIM406 6.6.4_____ COMMUNICATION PROFILE XXX 12/01/2005
                                                    12:00:00

Remote Id.....: TSTFTPC_                List Name: _____
Copy From Remote Id: _____          Copy From List Name: _____

Company: ANY_COMPNAY_USA_____          Division: 000
Contact: MR._STERLING_____
Phone.....: ( 999 ) 999 - 9999 X _____ International Dial Code: ___

Protocol.....: FTP (BSC/SNA/FTP)          FTP Client or Server...: C (C/S)
                                                    Connect with No Batches: N (Y/N)

Extract Parameters:
Print Carriage Control: N (Y/N/C)          Record Separation.....: _____
Record Descriptor Word: _ (Y/N/SPACE)      Transparency.....: B (Y/N/B)

Last Update Date: 12/01/05 Time: 12:00:00 User: XXX
COMPRF RECORD ADDED
Enter PF1=Help          PF3=Exit PF4=Dir          PF5=Protocol PF6=NextRec
PF9=Add PF10=Updt PF11=Del
    
```

- Press **PF5=Protocol** to transfer to the FTP Client Communication Profile screen.

FTP Client Communication Profile

The second screen in the FTP Client communication profile setup is the FTP Client Communication Profile screen.

```

EDIM420 _____ FTP CLIENT COMMUNICATION PROFILE XXX 12/01/2005
                                           12:00:00

Remote Id: _____

Batch Separation.....: _ (Blank/3/4)           One Batch.....: _ (Y/N)
Dir Form.....: _____ (1/2/3/4/MIBNSDF) EDI.....: _ (Y/N)
Disconnect Interval....: _____ (Seconds)
Remote File Name Length.: _ (L/S)
SSL Policy.....: _ (R/O/D)           KIRN.....: _ (Y/N)
SSL CCC Policy.....: _ (R/O/D)       RIFS.....: _ (Y/N)
SSL Client Auth Policy..: _ (R/O/D)   Scan.....: _ (Y/N/A)
Translate Table Name....: _____
Dir Filter.....: _____           Encrypted.....: _ (Y)
Ls Filter.....: _____           Encrypted.....: _ (Y/N)
Receive Options:
Extract Once.....: _ (Y/N)           Transmit Once.: _ (Y/N)
Rename.....: _ (B/F/L)               Multixmit.....: _ (Y/N)
Xmit.....: _ (Y/N)
User Batch ID.....: _____

Enter PF1=Help           PF3=Exit PF4=Profile           PF6=Ports
                          PF10=Updt                               PF14=Info
    
```

Step 14 Enter information to the FTP Client Communication Profile screen.

Typically performed by: EDI Coordinator/Communications System Programmer

- Fill in the required information as follows:

Field:	Type this:
Remote ID	TSTFTPC
Batch Separation	(leave blank)
One Batch	(leave blank)
Dir Form	(leave blank)
EDI	(leave blank)
Disconnect Interval	(leave blank)
Remote File Name Length	(leave blank)
SSL Policy	(leave blank)
KIRN	(leave blank)
SSL CCC Policy	(leave blank)
RIFS	(leave blank)
SSL Client Auth Policy	(leave blank)
Scan	(leave blank)

Field:	Type this:
Translate Table Name	(leave blank)
Dir Filter	(leave blank)
Encrypted	(leave blank)
Ls Filter	(leave blank)
Encrypted	(leave blank)
Extract Once	(leave blank)
Transmit Once	(leave blank)
Rename	(leave blank)
Multixmit	(leave blank)
Xmit	(leave blank)
User Batch ID	(leave blank)

Press **PF10=Updt** to complete this screen. When prompted, press **Enter** to only update Gentran:Plus.

```

EDIM420 _____ FTP CLIENT COMMUNICATION PROFILE XXX 12/01/2005
                                                    12:00:00

Remote Id: TSTFTPC

Batch Separation.....: _ (Blank/3/4)           One Batch.....: _ (Y/N)
Dir Form.....: _____ (1/2/3/4/MIBNSDF) EDI.....: _ (Y/N)
Disconnect Interval....: _____ (Seconds)
Remote File Name Length.: _ (L/S)
SSL Policy.....: _ (R/O/D)           KIRN.....: _ (Y/N)
SSL CCC Policy.....: _ (R/O/D)       RIFS.....: _ (Y/N)
SSL Client Auth Policy..: _ (R/O/D)   Scan.....: _ (Y/N/A)
Translate Table Name....: _____
Dir Filter.....: _____           Encrypted.....: _ (Y)
Ls Filter.....: _____           Encrypted.....: _ (Y/N)
Receive Options:
Extract Once.....: _ (Y/N)           Transmit Once.: _ (Y/N)
Rename.....: _ (B/F/L)               Multixmit.....: _ (Y/N)
Xmit.....: _ (Y/N)
User Batch ID.....: _____

Enter PF1=Help           PF3=Exit PF4=Profile           PF6=Ports
                        PF10=Updt                               PF14=Info
    
```

- ☐ Verify that the completed screen is displayed as shown below.

```

EDIM420 _____ FTP CLIENT COMMUNICATION PROFILE XXX 12/01/2005
                                                    12:00:00

Remote Id: TSTFTPC

Batch Separation.....: _ (Blank/3/4)           One Batch.....: _ (Y/N)
Dir Form.....: _____ (1/2/3/4/MIBNSDF) EDI.....: _ (Y/N)
Disconnect Interval....: _____ (Seconds)
Remote File Name Length.: _ (L/S)
SSL Policy.....: _ (R/O/D)           KIRN.....: _ (Y/N)
SSL CCC Policy.....: _ (R/O/D)       RIFS.....: _ (Y/N)
SSL Client Auth Policy..: _ (R/O/D)   Scan.....: _ (Y/N/A)
Translate Table Name....: _____
Dir Filter.....: _____           Encrypted.....: _ (Y)
Ls Filter.....: _____           Encrypted.....: _ (Y/N)
Receive Options:
Extract Once.....: _ (Y/N)           Transmit Once.: _ (Y/N)
Rename.....: _ (B/F/L)               Multixmit.....: _ (Y/N)
Xmit.....: _ (Y/N)
User Batch ID.....: _____
COMPRF UPDATED
Enter PF1=Help           PF3=Exit PF4=Profile           PF6=Ports
                          PF10=Updt                                PF14=Info
    
```

- ☐ Press **PF6=Ports** to transfer to the FTP Client Communication Ports screen.

FTP Client Communication Ports

The third screen in the FTP Client communication profile setup is the FTP Client Communication Ports screen.

```

EDIM421 _____ FTP CLIENT COMMUNICATION PORTS XXX 12/01/2005
                                           12:00:00

Remote Id: TESTFTP_

FTP Port Retries.....: __ (0-99)
FTP Port Retry Wait Time.: __ (0-180 seconds)
FTP Data Port Ranges.....: _____ (Low - High or L-1)
                           _____ (Low - High)
                           _____ (Low - High)
                           _____ (Low - High)
                           _____ (Low - High)

Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help          PF3=Exit PF4=Profile
                          PF10=Updt
    
```

Step 15 Enter information to the FTP Client Communication Profile screen.

Typically performed by: EDI Coordinator/Communications System Programmer

- Fill in the required information as follows:

Field:	Type this:
Remote ID	TSTFTPC
FTP Port Retries	(leave blank)
FTP Port Retry Wait Time	(leave blank)
FTP Data Port Ranges	(leave blank)

- Press **PF10=Updt** to complete this screen. When prompted, press **Enter** to only update Gentran:Plus.

```

EDIM421 _____ FTP CLIENT COMMUNICATION PORTS XXX 12/01/2005
                                                    12:00:00

Remote Id: TESTFTP_

FTP Port Retries.....: __ (0-99)
FTP Port Retry Wait Time.: __ (0-180 seconds)
FTP Data Port Ranges.....: _____ (Low - High or L-1)
                           _____ (Low - High)
                           _____ (Low - High)
                           _____ (Low - High)
                           _____ (Low - High)

Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS
Enter PF1=Help          PF3=Exit PF4=Profile
                        PF10=Updt
    
```

- Verify that the completed screen is displayed as shown below.

```

EDIM421 _____ FTP CLIENT COMMUNICATION PORTS XXX 12/01/2005
                                                    12:00:00

Remote Id: TESTFTP_

FTP Port Retries.....: __ (0-99)
FTP Port Retry Wait Time.: __ (0-180 seconds)
FTP Data Port Ranges.....: _____ (Low - High or L-1)
                           _____ (Low - High)
                           _____ (Low - High)
                           _____ (Low - High)
                           _____ (Low - High)

Last Update Date: 12/01/05 Time: 12:00:00 User: SCI

COMPRF UPDATED
Enter PF1=Help          PF3=Exit PF4=Profile
                        PF10=Updt
    
```

- Press **PF3=Exit** to exit the Communication Session Maintenance Selection menu screen.
- From the Communication Session Maintenance Selection menu, select Option 2 (Communications Profile) and press **Enter**.

If you are not completing “FTP Server Screens” on page 2-37, proceed to “Communication Directory” on page 2-51.

FTP Server Screens

Communication Profile

The first screen in the FTP Server communication profile setup is the Communication Profile screen.

```

EDIM406 6.6.4 _____ COMMUNICATION PROFILE XXX 12/01/2005
                                                    12:00:00

Remote Id.....: _____ List Name: _____
Copy From Remote Id: _____ Copy From List Name: _____

Company: _____ Division: _____
Contact: _____
Phone.....: ( ___ ) ___ - ___ X ___ International Dial Code: ___

Protocol.....: ___ (BSC/SNA/FTP) FTP Client or Server...: _ (C/S)
Connect with No Batches: _ (Y/N)

Extract Parameters:
Print Carriage Control: _ (Y/N/C) Record Separation.....: _____
Record Descriptor Word: _ (Y/N/SPACE) Transparency.....: _ (Y/N/B)

Last Update Date: _____ Time: _____ User: _____

Enter PF1=Help PF3=Exit PF4=Dir PF5=Protocol PF6=NextRec
PF9=Add PF10=Updt PF11=Del
    
```

Step 16 Enter information to the Communication Profile screen.

Typically performed by: EDI Coordinator/Communications System Programmer

- Fill in the required information as follows:

Field:	Type this:
Remote ID	TESTFTPS
List Name	TESTFTPL
Copy From Remote ID	(leave blank)
Copy From List Name	(leave blank)
Company	ANY COMPANY USA
Division	000
Contact	MR. STERLING
Phone	(999) 999-9999
International Dial Code	(leave blank)
Protocol	FTP
FTP Client or Server	S
Connect with No Batches	N

Field:	Type this:
Print Carriage Control	N
Record Separation	(leave blank)
Record Descriptor Word	(leave blank)
Transparency	B

- Press **PF9=Add** to complete this screen.
- Verify that the completed screen is displayed as shown below.

```

EDIM406 6.6.4_____ COMMUNICATION PROFILE XXX 12/01/2005
                                           12:00:00

Remote Id.....: TESTFTPS                      List Name: TESTFTPL
Copy From Remote Id: _____ Copy From List Name: _____

Company: ANY_COMPANY_USA_____ Division: 000
Contact: MR._STERLING_____
Phone.....: ( 999 ) 999 - 9999 X _____ International Dial Code: ___

Protocol.....: FTP (BSC/SNA/FTP) FTP Client or Server...: S (C/S)
                                           Connect with No Batches: N (Y/N)

Extract Parameters:
Print Carriage Control: N (Y/N/C) Record Separation.....: _____
Record Descriptor Word: _ (Y/N/SPACE) Transparency.....: B (Y/N/B)

Last Update Date: 12/01/05 Time: 12:00:00 User: SCI
COMPRF RECORD ADDED
Enter PF1=Help PF3=Exit PF4=Dir PF5=Protocol PF6=NextRec
PF9=Add PF10=Updt PF11=Del
    
```

- Press **PF5=Protocol** to transfer to the FTP Server Communication Profile screen.

FTP Server Communication Profile

The second screen in the FTP Server communication profile setup is the FTP Server Communication Profile screen.

```

EDIM422 _____ FTP SERVER COMMUNICATION PROFILE XXX 12/01/2005
                                           12:00:00

Remote Id: _____ List Name: _____

Auto Connect Parameters:
Queue Auto Connects.....: _ (Y/N)
Concurrent Sessions.....: ____

Remote Site Specification Parameters:
Auto Connect Script Name...: _____
Batch Separation.....: _ (Blank/3/4)
One Batch.....: _ (Y/N)

                                           Last Update Date: 12/01/05 Time: 12:00:00 User: SCI

Enter PF1=Help          PF3=Exit PF4=Profile    PF5=Remotel
                          PF10=Updt
    
```

Step 17 Enter information to the FTP Server Communication Profile screen.

Typically performed by: EDI Coordinator/Communications System Programmer

- Fill in the required information as follows:

Field:	Type this:
Remote ID	TESTFTPS
List Name	TESTFTPL
Queue Auto Connects	(leave blank)
Concurrent Sessions	(leave blank)
Auto Connect Script Name	(leave blank)
Batch Separation	(leave blank)
One Batch	(leave blank)

- Press **PF10=Updt** to complete this screen. When prompted, press **Enter** to only update Gentran:Plus.

```

EDIM422 _____ FTP SERVER COMMUNICATION PROFILE XXX 12/01/2005
                                                    12:00:00

Remote Id: TESTFTPS                               List Name: TESTFTPL

Auto Connect Parameters:
Queue Auto Connects.....: _ (Y/N)
Concurrent Sessions.....: ____

Remote Site Specification Parameters:
Auto Connect Script Name..: _____
Batch Separation.....: _ (Blank/3/4)
One Batch.....: _ (Y/N)

Last Update Date: 12/01/05 Time: 12:00:00 User: SCI

PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS
Enter PF1=Help           PF3=Exit PF4=Profile   PF5=Remotel
                        PF10=Updt
    
```

- Verify that the completed screen is displayed as shown below.

```

EDIM422 _____ FTP SERVER COMMUNICATION PROFILE XXX 12/01/2005
                                                    12:00:00

Remote Id: TESTFTPS                               List Name: TESTFTPL

Auto Connect Parameters:
Queue Auto Connects.....: _ (Y/N)
Concurrent Sessions.....: ____

Remote Site Specification Parameters:
Auto Connect Script Name..: _____
Batch Separation.....: _ (Blank/3/4)
One Batch.....: _ (Y/N)

Last Update Date: 12/01/05 Time: 12:00:00 User: SCI

COMPRF UPDATED
Enter PF1=Help           PF3=Exit PF4=Profile   PF5=Remotel
                        PF10=Updt
    
```

- Press **PF5=Remotel** to transfer to the FTP Server Communication Profile Remote Maintenance—Part 1 screen.

FTP Server Communication Profile Remote Maintenance—Part 1

The third screen in the FTP Server communications profile setup is the FTP Server Communication Profile Remote Maintenance—Part 1 screen.

```

EDIM423 _____ FTP SERVER COMMUNICATION PROFILE XXX 12/01/2005
                    REMOTE MAINTENANCE PART 1                12:00:00

Remote Id: TESTFTPS                               List Name: TESTFTPL

Batch Separation.....: _ (Blank/3/4)             EDI.....: _ (Y/N)
Disconnect Interval.....: _____ (Seconds)    Ident.....: _ (Y/N)
Remote File Name Length..: _ (L/S)                Send Pasv Command.....: _ (Y/N)
SSL Policy.....: _ (R/O/D)                        Send Site Command.....: _ (Y/N)
SSL CCC Policy.....: _ (R/O/D)                    KIRN.....: _ (Y/N)
Logon Script Name.....: _____                RIFS.....: _ (Y/N)
Translate Table Name.....: _____              Scan.....: _ (Y/N/A)

                                         Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help          PF3=Exit PF4=Protocol  PF5=Remote2
                        PF10=Updt
    
```

Step 18 Enter information to the FTP Server Communication Profile Remote Maintenance screen.

Typically performed by: EDI Coordinator/Communications system programmer

- Fill in the required information as follows:

Field:	Type this:
Remote ID	TESTFTPS
List Name	TESTFTPL
Batch Separation	(leave blank)
EDI	(leave blank)
Disconnect Interval	(leave blank)
Ident	(leave blank)
Remote File Name Length	(leave blank)
Send Pasv Command	(leave blank)
SSL Policy	(leave blank)
Send Site Command	(leave blank)
SSL CCC Policy	(leave blank)
KIRN	(leave blank)
Logon Script Name	(leave blank)
RIFS	(leave blank)

Field:	Type this:
Translate Table Name	(leave blank)
Scan	(leave blank)

☐ Press **PF10=Updt** to complete this screen. When prompted, press **Enter** to only update Gentran:Plus.

```

EDIM423 _____ FTP SERVER COMMUNICATION PROFILE      XXX 12/01/2005
                    REMOTE MAINTENANCE PART 1              12:00:00

Remote Id: TESTFTPS                List Name: TESTFTPL

Batch Separation.....: _ (Blank/3/4)      EDI.....: _ (Y/N)
Disconnect Interval.....: ____ (Seconds)    Ident.....: _ (Y/N)
Remote File Name Length..: _ (L/S)          Send Pasv Command....: _ (Y/N)
SSL Policy.....: _ (R/O/D)                Send Site Command....: _ (Y/N)
SSL CCC Policy.....: _ (R/O/D)            KIRN.....: _ (Y/N)
Logon Script Name.....: _____         RIFS.....: _ (Y/N)
Translate Table Name.....: _____       Scan.....: _ (Y/N/A)

                                Last Update Date: 00/00/00 Time: 00:00:00 User: SCI
PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS
Enter PF1=Help                    PF3=Exit PF4=Protocol  PF5=Remote2
                                PF10=Updt
    
```

☐ Verify that the completed screen is displayed as shown below.

```

EDIM423 _____ FTP SERVER COMMUNICATION PROFILE      XXX 12/01/2005
                    REMOTE MAINTENANCE PART 1              12:00:00

Remote Id: TESTFTPS                List Name: TESTFTPL

Batch Separation.....: _ (Blank/3/4)      EDI.....: _ (Y/N)
Disconnect Interval.....: ____ (Seconds)    Ident.....: _ (Y/N)
Remote File Name Length..: _ (L/S)          Send Pasv Command....: _ (Y/N)
SSL Policy.....: _ (R/O/D)                Send Site Command....: _ (Y/N)
SSL CCC Policy.....: _ (R/O/D)            KIRN.....: _ (Y/N)
Logon Script Name.....: _____         RIFS.....: _ (Y/N)
Translate Table Name.....: _____       Scan.....: _ (Y/N/A)

                                Last Update Date: 00/00/00 Time: 00:00:00 User: SCI
COMPRF UPDATED
Enter PF1=Help                    PF3=Exit PF4=Protocol  PF5=Remote2
                                PF10=Updt
    
```

☐ Press **PF5=Remote2** to transfer to the FTP Server Communication Profile Remote Maintenance - Part 2 screen.

FTP Server Communication Profile Remote Maintenance—Part 2

The fourth screen in the FTP Server communications profile setup is the FTP Server Communication Profile Remote Maintenance—Part 2 screen.

```

EDIM425 _____ FTP SERVER COMMUNICATION PROFILE      XXX 12/01/2005
                                REMOTE MAINTENANCE PART 2                12:00:00

Remote Id: TESTFTPS                      List Name: TESTFTPL

&Host Name... _____
&User ID..... _____ &Port Number..... _____
&Password...: _____
&New Psswr.: _____

&Data Mode..... _ (S/B/C)
&Data Structure.. _ (F/R)
&Data Type..... _ (A/E/I)

&User Batch ID... _____

&Send Path.....: _____
&Receive Path...: _____

                                Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help          PF3=Exit PF4=Remotel   PF5=Schedule   PF6=Ports
                                PF10=Updt
    
```

Step 19 Enter information to the FTP Server Communication Profile Remote Maintenance screen.

Typically performed by: EDI Coordinator/Communications system programmer

- Fill in the required information as follows:

Field:	Type this:
Remote ID	TESTFTPS
List Name	TESTFTPL
&Host Name	(leave blank)
&User ID	(leave blank)
&Port Number	(leave blank)
&Password	(leave blank)
&New Psswr	(leave blank)
&Data Mode	(leave blank)
&Data Structure	(leave blank)
&Data Type	(leave blank)
&User Batch ID	(leave blank)
&Send Path	(leave blank)
&Receive Path	(leave blank)

- Press **PF10=Updt** to complete this screen. When prompted, press **Enter** to only update Gentran:Plus.

```

EDIM425 _____ FTP SERVER COMMUNICATION PROFILE      XXX 12/01/2005
                                REMOTE MAINTENANCE PART 2                12:00:00

Remote Id: TESTFTPS                      List Name: TESTFTPL

&Host Name... _____
&User ID..... _____ &Port Number..... _____
&Password...: _____
&New Psswrd.: _____

&Data Mode..... _ (S/B/C)
&Data Structure.. _ (F/R)
&Data Type..... _ (A/E/I)

&User Batch ID... _____

&Send Path.....: _____
&Receive Path...: _____

                                Last Update Date: 00/00/00 Time: 00:00:00 User: SCI
PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS
Enter PF1=Help          PF3=Exit PF4=Remotel  PF5=Schedule  PF6=Ports
                                PF10=Updt
    
```

- Verify that the completed screen is displayed as shown below.

```

EDIM425 _____ FTP SERVER COMMUNICATION PROFILE      XXX 12/01/2005
                                REMOTE MAINTENANCE PART 2                12:00:00

Remote Id: TESTFTPS                      List Name: TESTFTPL

&Host Name... _____
&User ID..... _____ &Port Number..... _____
&Password...: _____
&New Psswrd.: _____

&Data Mode..... _ (S/B/C)
&Data Structure.. _ (F/R)
&Data Type..... _ (A/E/I)

&User Batch ID... _____

&Send Path.....: _____
&Receive Path...: _____

                                Last Update Date: 00/00/00 Time: 00:00:00 User: SCI
COMPRF UPDATED
Enter PF1=Help          PF3=Exit PF4=Remotel  PF5=Schedule  PF6=Ports
                                PF10=Updt
    
```

- Press **PF5=Remote2** to transfer to the FTP Server Communication Profile Remote Maintenance - Part 2 screen.

FTP Server Communication Ports

The fourth screen in the FTP Server communication ports setup is the FTP Server Communication Profile screen.

```

EDIM424 _____ FTP SERVER COMMUNICATION PORTS XXX 12/01/2005
                                           12:00:00

Remote Id: TESTFTPS                      List Name: TESTFTPL

FTP Port Retries.....: __ (0-99)
FTP Port Retry Wait Time.: __ (0-180 seconds)
FTP Data Port Ranges.....: _____ - _____ (Low - High or U)
                           _____ - _____ (Low - High)
                           _____ - _____ (Low - High)
                           _____ - _____ (Low - High)
                           _____ - _____ (Low - High)
FTP Control Port Ranges...: _____ - _____ (Low - High)
                           _____ - _____ (Low - High)
                           _____ - _____ (Low - High)
                           _____ - _____ (Low - High)
                           _____ - _____ (Low - High)

                                           Last Update Date: 12/01/05 Time: 12:00:00 User: SCI

Enter PF1=Help                      PF3=Exit PF4=Remote2
                                           PF10=Updt
    
```

Step 20 Enter information to the FTP Server Communication Ports screen.

Typically performed by: EDI Coordinator/Communications System Programmer

- Fill in the required information as follows:

Field:	Type this:
Remote ID	TESTFTPS
List Name	TESTFTPL
FTP Port Retries	(leave blank)
FTP Port Retry Wait Time	(leave blank)
FTP Data Port Ranges	(leave blank)
FTP Control Port Ranges	(leave blank)

- Press **PF10=Updt** to complete this screen. When prompted, press **Enter** to only update Gentran:Plus.

```

EDIM424 _____ FTP SERVER COMMUNICATION PORTS XXX 12/01/2005
                                                    12:00:00

Remote Id: TESTFTPS                               List Name: TESTFTPL

FTP Port Retries.....: __ (0-99)
FTP Port Retry Wait Time.: __ (0-180 seconds)
FTP Data Port Ranges.....: _____ - _____ (Low - High or U)
                               _____ - _____ (Low - High)
                               _____ - _____ (Low - High)
                               _____ - _____ (Low - High)
                               _____ - _____ (Low - High)
FTP Control Port Ranges...: _____ - _____ (Low - High)
                               _____ - _____ (Low - High)
                               _____ - _____ (Low - High)
                               _____ - _____ (Low - High)
                               _____ - _____ (Low - High)

Last Update Date: 12/01/05 Time: 12:00:00 User: SCI
PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS
Enter PF1=Help          PF3=Exit PF4=Remote2
                          PF10=Updt
    
```

- Verify that the completed screen is displayed as shown below.

```

EDIM424 _____ FTP SERVER COMMUNICATION PORTS XXX 12/01/2005
                                                    12:00:00

Remote Id: TESTFTPS                               List Name: TESTFTPL

FTP Port Retries.....: __ (0-99)
FTP Port Retry Wait Time.: __ (0-180 seconds)
FTP Data Port Ranges.....: _____ - _____ (Low - High or U)
                               _____ - _____ (Low - High)
                               _____ - _____ (Low - High)
                               _____ - _____ (Low - High)
                               _____ - _____ (Low - High)
FTP Control Port Ranges...: _____ - _____ (Low - High)
                               _____ - _____ (Low - High)
                               _____ - _____ (Low - High)
                               _____ - _____ (Low - High)
                               _____ - _____ (Low - High)

Last Update Date: 12/01/05 Time: 12:00:00 User: SCI
COMPRF UPDATED
Enter PF1=Help          PF3=Exit PF4=Remote2
                          PF10=Updt
    
```

- Press **PF4=Remote2** to return to the FTP Server Communication Profile Reports Maintenance—Part 2 screen.
- Press **PF5=Schedule** to transfer to the Transmission Schedule screen.

Transmission Schedule

The Transmission Schedule screen updates and displays schedule information on the Communication Profile file.

```

EDIM410 6.6.4_____ TRANSMISSION SCHEDULE          XXX 12/01/2005
                                     12:00:00

Remote Id: TESTFTPS          List Name: TESTFTPL    Calendar: _____

      Day of Call          Start          Stop          Interval
      (S M T W T F S)      (HHMM)       (HHMM)       (Seconds)
-----
      - - - - -           _____   _____   _____
      - - - - -           _____   _____   _____
      - - - - -           _____   _____   _____
      - - - - -           _____   _____   _____
      - - - - -           _____   _____   _____
      - - - - -           _____   _____   _____
      - - - - -           _____   _____   _____
      - - - - -           _____   _____   _____
      - - - - -           _____   _____   _____
      - - - - -           _____   _____   _____
      - - - - -           _____   _____   _____

                                     Last Update Date: 12/01/05 Time: 12:00:00 User: SCI

Enter PF1=Help          PF3=Exit PF4=Remote2    PF5=ID List
                          PF10=Updt
    
```

Step 21 Enter information to the Transmission schedule screen.

Typically performed by: EDI Coordinator

- Fill in the required information as follows:

Field:	Type this:
Remote ID	TESTFTPS
List Name	TESTFTPL
Calendar	(leave blank)
Day of Call	Type x in the spaces for Monday, Wednesday, and Friday
Start	0900
Stop	0900
Interval	0000
Day of Call	Type x in the spaces for Monday, Wednesday, and Friday
Start	1400
Stop	1400
Interval	0000

- Press **PF10** to complete this screen.
- Verify that the completed screen is displayed as shown below.

```

EDIM410 6.6.4_____ TRANSMISSION SCHEDULE XXX 12/01/2005
                                     12:00:00

Remote Id: TESTFTPS          List Name: TESTFTPL  Calendar: _____

      Day of Call          Start      Stop      Interval
      (S M T W T F S)      (HHMM)   (HHMM)   (Seconds)
      _ X _ X _ X _         0900     0900     0000
      _ X _ X _ X _         1400     1400     0000
      - - - - -
      - - - - -
      - - - - -
      - - - - -
      - - - - -
      - - - - -
      - - - - -
      - - - - -
      - - - - -
      - - - - -

Last Update Date: 12/01/05 Time: 12:00:00 User: SCI
TRANSMISSION UPDATED
Enter PF1=Help          PF3=Exit PF4=Remote2  PF5=ID List
                        PF10=Updt
    
```

- Press **PF5=ID List** to transfer to the ID List Maintenance screen.

ID List Maintenance

The ID List Maintenance screen enables you to send a list of IDs to a single remote during an autoconnect. You control the order in which the batches are sent in the following way: batches under the End List ID are transmitted last in the session, and only if at least one batch specified by an ID List is available for transmission.

```

EDIM419 _____ ID LIST MAINTENANCE XXX 12/01/2005
                                           12:00:00

Remote Id: TESTFTPS          List Name: TESTFTPL

&Begin List: _____

&ID List:  _____  _____  _____  _____  _____
           _____  _____  _____  _____  _____
           _____  _____  _____  _____  _____

&End List:  _____

                               Last Update Date: 12/01/05 Time: 12:00:00 User: SCI

Enter PF1=Help          PF3=Exit PF4=Schedule
                          PF10=Updt
    
```

Step 22 Add information to the ID List Maintenance screen.

Typically performed by: EDI Coordinator

- Fill in the required information as follows:

Field:	Type this:
Remote ID	TESTFTPS
List Name	TESTFTPL
&Begin List	(leave blank)
&ID List	Fill in the fields from left to right with these batch names: <ul style="list-style-type: none"> • PAYROLL • REPORTS • MISC
&End List	SIGNOFF

- Press **PF10=Updt** to complete this screen. When prompted, press **Enter** to only update Plus.

```

EDIM419 _____ ID LIST MAINTENANCE XXX 12/01/2005
                                           12:00:00

Remote Id: TESTFTPS          List Name: TESTFTPL

&Begin List: _____

&ID List:  PAYROLL_  REPORTS_  MISC____  _____  _____
           _____  _____  _____  _____  _____
           _____  _____  _____  _____  _____

&End List:  SIGNOFF_

                                           Last Update Date: 12/01/05 Time: 12:00:00 User: SCI

PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS
Enter PF1=Help          PF3=Exit PF4=Schedule
                        PF10=Updt
    
```

- Verify that the completed screen is displayed as shown below.

```

EDIM419 _____ ID LIST MAINTENANCE XXX 12/01/2005
                                           12:00:00

Remote Id: TESTFTPS          List Name: TESTFTPL

&Begin List: _____

&ID List:  PAYROLL_  REPORTS_  MISC____  _____  _____
           _____  _____  _____  _____  _____
           _____  _____  _____  _____  _____

&End List:  SIGNOFF_

                                           Last Update Date: 12/01/05 Time: 12:00:00 User: SCI

COMM PROFILE ID HAS BEEN UPDATED
Enter PF1=Help          PF3=Exit PF4=Schedule
                        PF10=Updt
    
```

- Press **PF3=Exit** to return to the Communications Session Maintenance Selection menu.

Communication Directory

The Gentran:Plus system contains a number of sample communication profile IDs. Any that you add also are included on the Communication Directory. The following list describes the IDs supplied as part of the installation package.

MBX/RMT Id	List Name	Description
D-BSC	D-BSCL	BISYNC Defaults
D-FTPCLI		FTP Client Defaults
D-FTPSRV		FTP Server Defaults
D-SNA	D-SNAL	SNA Defaults
TEST	TESTL	Test Company

Using the directory, you can view the profiles in two different formats. When you enter an L in the Remote/List field, the screen displays in List Name sequence. When you enter R in the Remote/List field, the screen displays in MBX/RMT ID sequence. In either case, you can select a List Name/MBX/RMT ID pair and transfer to a profile, status, history, or audit screen.

```

Status Autoconnect Remotecomnect Profile Changeaudit
EDIM404 6.1_____ COMMUNICATION DIRECTORY          12/01/2005
                                                    12:00:00

Starting MBX/RMT Id: _____ List Name.: _____ Remote/List.: R (R/L)

A  MBX/RMT Id      List Name      Company Name
-
-
-
-
-
-
-
-
-
-
-

Enter PF1=Help          PF3=Exit          PF5=Next
      PF7=Bwd  PF8=Fwd
  
```

Step 23 View the profiles.

Note: If you have converted from a previous version of Gentran:Plus, additional communication profiles (converted from the previous version) may display on this screen.

Typically performed by: EDI Coordinator

- From the Plus Main Menu, select option 1 (Communications Directory) and press **Enter**. The Communication Directory will be displayed.

- Type **Test** in the starting MBX/RMT Id field and press **Enter**. This positions the screen to start the display at the specified Id.
- Verify that the screen is displayed as shown below.

```

Status Autoconnect Remoteconnect Profile Changeaudit
EDIM404 6.1_____ COMMUNICATION DIRECTORY          12/01/2005
                                                    12:00:00

Starting MBX/RMT Id: _____ List Name.: _____ Remote/List.: R (R/L)

A MBX/RMT Id List Name Company Name                Last Update
  D-BSC      D-BSCL   BSC  DEFAULTS                000000 000000 SCI
- D-FTPLCI                      FTP CLIENT DEFAULTS                000000 000000 SCI
- D-FTPSRV   L-FTPSRV FTP SERVER DEFAULTS                000000 000000 SCI
- D-SNA      D-SNAL   SNA  DEFAULTS                000000 000000 SCI
- TEST      TESTL   TEST COMPANY                000000 000000 SCI
-
-
-
-
-
-
-
-

END OF MBX/RMT ID
Enter PF1=Help          PF3=Exit          PF5=Next
      PF7=Bwd   PF8=Fwd
    
```

- Type **s** in the A (Action Code) field to the left of the **TEST MBX/RMT** Id, and press **PF5=Next** to transfer to the Interchange Status screen.

Queue Management

Interchange Status

The Interchange Status screen enables you to view data from the data queues, the Control file, and the Log file.

This screen is a valuable debugging or verification tool. If a customer or trading partner reports a problem with a transmission, the Interchange Status screen is one of the first places you should check. The screen displays the current Communications subsystem status and the number of blocks/records of data that were added (outbound) or received (inbound). If a problem arises regarding questionable data, then the batch in question can be selected and the data displayed.

```

Select Update Changeaudit Autoconnect Remoteconnect List
EDIM40E 6.4 _____ INTERCHANGE STATUS XXX 12/01/2005
                                           12:00:00

Mailbox Id: _____ Batch Number..: _____
Batch Status Flags..: _____ (!, A, B, C, D, E, F, I, M, N, R, S, T, U, X, Z, 0)
Batch Id.....: _____
From Date..: _____ Time..: _____ To Date..: _____ Time..: _____
                                           Number of
A I/O Batch# Batch Id Batch Status Flags Date Time Blocks
-
-
-
-
-
-
-
-
-
-
-
-

PLEASE ENTER MAILBOX ID AND PRESS ENTER
Enter PF1=Help PF2=Mode PF3=Exit PF4=Directory PF5=Next
       PF7=Bwd  PF8=Fwd
  
```

When you display the data on this screen, nine batches are on the queue. You can enter different values in the following fields in order to select specific data to view.

Batch Number:

This field designates the batch number at which to start the display. Entering a batch number limits the display to batches with numbers equal to or greater than that number.

Batch Status Flags:

This field limits the search according to the status of the batches you wish to display. For example, entering R limits the display to batches with an R (requestable) status.

Batch ID:

This field limits the search to the Batch ID specified.

To Date/From Date/To Time/From Time:

This field specifies a time range. Only batches within the specified date/time range are displayed.

Step 24 Display the Interchange Status screen.

Typically performed by: EDI Coordinator

- Select option 2 from the Plus Main Menu, and press **Enter**.
- Type TESTBSC in the Mailbox Id field and press **Enter**.
- Verify that the completed Interchange Status screen is displayed as shown below.

```

Select Update Changeaudit Autoconnect Remoteconnect List
EDIM40E 6.4_____ INTERCHANGE STATUS          XXX      12/01/2005
                                                    12:00:00

Mailbox Id: TESTBSC_                               Batch Number..: _____
Batch Status Flags..: _____ (!,A,B,C,D,E,F,I,M,N,R,S,T,U,X,Z,0)
Batch Id.....: _____
From Date.: _____ Time.: _____ To Date.: _____ Time.: _____

A I/O Batch#  Batch Id          Batch Status Flags  Date  Time  Number of
_  O 0000310 BSC TUTORIAL      A  R              12/01 12:00 000000100
_  O 0000311 BSC TUTORIAL      A  R  X              12/01 12:00 000000100
_  O 0000312 BSC TUTORIAL      A  R  X              12/01 12:00 000000100
_  O 0000313 BSC TUTORIAL      A  R  X              12/01 12:00 000000100
_  O 0000314 BSC TUTORIAL      A  R  X              12/01 12:00 000000100
_  O 0000302 BSC TUTORIAL      A                   12/01 12:00 000000100
_  O 0000303 BSC TUTORIAL      A                   12/01 12:00 000000100
_  O 0000304 BSC TUTORIAL      A                   12/01 12:00 000000100
_  O 0000305 BSC TUTORIAL      A                   12/01 12:00 000000100

BEGINNING OF BATCHES
Enter PF1=Help PF2=Mode PF3=Exit PF4=Directory PF5=Next
      PF7=Bwd  PF8=Fwd
    
```

Note: The sequence of batches that displays on the Interchange Status screen is determined by the VSAM Pointer file for Connect. Requestable batches that have not been transmitted are sorted to display at the beginning of the list.

The Batch numbers shown in these screen examples may differ from your results.

Interchange Detail

The Interchange Detail screen enables you to view and select data by line number.

Step 25 Display the Interchange Detail screen.

Typically performed by: EDI Coordinator

- From the Interchange Status screen, type **s** in the A (Action Code) field of the first batch on the screen, then press **PF5=Next**.
- Verify that the Interchange Detail screen is displayed as shown below.
- Type **s** in the first A (Action Code) field to select the first record on the screen, and press **PF5=Line Dtl** to transfer to the Interchange Line Detail screen.

```

Select
EDIM402 6.3 _____ INTERCHANGE DETAIL          XXX      12/01/2005
                                                    12:00:00

Mailbox Id.....: TESTBSC_          Inbound/Outbound..: 0
Batch Number.....: 0000310          Line Number.....: 000001
Batch Id.....: BSC TUTORIAL          Nbr Blocks/Records: 000000100

A
--  $$ADD ID=TESTBSC BATCHID='BSC TUTORIAL'
--  ISA*00*          *00*          *ZZ*513666666        *ZZ*6147937000    *901
--  0*U*00200*000000004*0*P*>?GS*FA*121212*654321*920306*0948*7*X*002002?ST*9
--  70001?AK1*IN*1314?AK9*A*1*1*1?SE*6*000070001?GE*1*7?IEA*1*000000004?
--  ISA*00*          *00*          *ZZ*513666666        *ZZ*6147937000    *901
--  0*U*00200*000000005*0*P*>?GS*IN*121212121*987654321*901105*1200*7*X*00204
--  0*000070001?BIG*901105*INV01*901101*PONUMBER-001?NTE**-----
--  -----?NTE**          TERMS ARE SPECIFIED BELO
--  DISCOUNT WILL NOT BE APPLIED UNLESS INVOICE IS PAID?NTE**  IN FULL BY T
--  OUNT DUE DATE.?NTE**-----

Enter PF1=Help          PF3=Exit PF4=IntStatus PF5=Line Dtl
      PF7=Bwd  PF8=Fwd          PF10=Prv  PF11=Nxt

```

Interchange Line Detail

The Interchange Line Detail screen enables you to view individual lines.

Step 26 Display lines in hexadecimal and character modes on the Interchange Line Detail screen.

Typically performed by: EDI Coordinator

 Press **PF2=Hex**. The display changes from character to hexadecimal mode.

```

EDIM403 _____    INTERCHANGE LINE DETAIL          XXX      12/01/2005
                                           12:00:00

Mailbox Id.....:  TESTBSC_                Inbound/Outbound..:  O
Batch Number.....:  0000310                Line Number.....:  000001
Batch Id.....:     BSC TUTORIAL            Nbr Blocks/Records: 000000100

Pos 001-064 $$ADD ID=TESTBSC BATCHID='BSC TUTORIAL'
          55CCC4CC7ECECECC4CCECCCC77CEC4EEEDDCCD744444444444444444444444444444444
          BB144094E352322302133894ED223034369913D000000000000000000000000000000000
Pos 065-128
          4444444444444444444444444444444444444444444444444444444444444444444444
          000000000000000000000000000000000000000000000000000000000000000000000000
Pos 129-192
          4444444444444444444444444444444444444444444444444444444444444444444444
          000000000000000000000000000000000000000000000000000000000000000000000000

Enter PF1=Help PF2=Chars  PF3=Exit PF4=IntchgDtl                PF6=Nxt
          PF7=Bwd  PF8=Fwd
  
```

 Press **PF2=Chars**. The display returns to character mode.

```

EDIM403 _____    INTERCHANGE LINE DETAIL          XXX      12/01/2005
                                           12:00:00

Mailbox Id.....:  TESTBSC_                Inbound/Outbound..:  O
Batch Number.....:  0000310                Line Number.....:  000001
Batch Id.....:     BSC TUTORIAL            Nbr Blocks/Records: 000000100

$$ADD ID=TESTBSC BATCHID='BSC TUTORIAL'

Enter PF1=Help PF2=Hex    PF3=Exit PF4=IntchgDtl                PF6=Nxt
          PF7=Bwd  PF8=Fwd
  
```

 Press **PF3=Exit** to return to the Plus Main Menu.

Online Communication Utility Submission

The last portion of this chapter relates to online maintenance and tracking within the Communications subsystem. This maintenance and tracking is accomplished through four utilities that are available from the various data and history display screens.

Status Maintenance

The Status Maintenance screen submits batch jobs to the Internal Reader in order to manipulate the status of batches on the Connect queues. In this step, turn the Delete flag to Off.

```

EDIM413 6.8.1_____ STATUS MAINTENANCE XXX 12/01/2005
                                           12:00:00

Mailbox Id: _____

Single/Start Batch Number.....: _____
End Batch Number.....: _____ (Optional)
Batch Id.....: _____

Request Allowed.....: _ (Y/N)

Delete.....: _ (Y/N)

Transmit Done.....: _ (Y/N)

Extracted.....: _ (Y/N)

Multiple Transmission.....: _ (Y/N)

PF1=Help          PF3=Exit PF4=Intchg Sta
                  PF9=SUB
  
```

Step 27 Update the status of batches loaded to the outbound queue.

Typically performed by: EDI Coordinator

- On the Plus Main Menu, select option **8** (Communication Utility Submission) and press **Enter**.

The system displays the Communications Maintenance Utility Menu.

```

EDIM400 6.0 _____ PLUS MAIN MENU XXX 12/01/2005
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      8  1.  Communications Directory
         2.  Interchange Status
         3.  Interchange Detail
         4.  Communication History
         5.  Control File Change Audit
         6.  Communication Profile Maintenance
         7.  Communication Holiday Schedule Maintenance
         8.  Communication Utility Submission

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff
    
```

- On the Communications Maintenance Utility Menu, select option **1** (Status Update) and press **Enter**. The Status Maintenance screen displays.

```

EDIM40B 6.8 _____ COMMUNICATIONS MAINTENANCE XXX 12/01/2005
                       UTILITY MENU                12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      1  1.  Status Update
         2.  Communications Log Report
         3.  Communications List Report

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff
    
```

- Fill in the required information as follows:

Field:	Type this:
Mailbox ID	TEST
Single/Start Batch Number	20
End Batch Number	(leave blank)
Batch ID	(leave blank)
Request Allowed	(leave blank)

Field:	Type this:
Delete	N
Transmit Done	(leave blank)
Extracted	(leave blank)
Multiple Transmission	(leave blank)

- Press **PF9=Sub** to submit the job. The job is submitted to an internal reader in CICS.
- Verify the output from this job by reviewing the output of the batch job submitted to the internal reader. A confirmation message “Status Submitted” displays as shown below.

```

EDIM413 6.8.1_____ STATUS MAINTENANCE XXX 12/01/2005
                                           12:00:00

Mailbox Id: TEST_____

Single/Start Batch Number.....: 0000020
End Batch Number.....: _____ (Optional)
Batch Id.....: _____

Request Allowed.....: _ (Y/N)

Delete.....: N (Y/N)

Transmit Done.....: _ (Y/N)

Extracted.....: _ (Y/N)

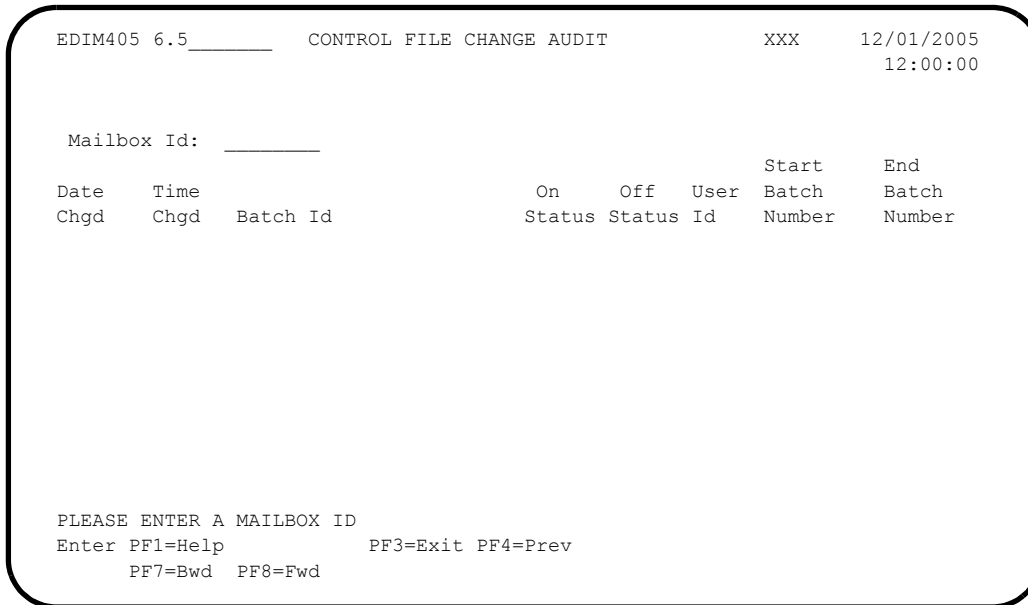
Multiple Transmission.....: _ (Y/N)

STATUS SUBMITTED
PF1=Help           PF3=Exit PF4=Intchg Sta
                   PF9=SUB
    
```

- Press **PF3=Exit** to exit to the Communication Maintenance Utility Menu.

Control File Change Audit

Changes made to status values affect your company’s processing, so all status change requests are logged to a separate file, which enables you to display and review the changes on the Control File Change Audit screen.



Step 28 Display status change requests.

Typically performed by: EDI Coordinator

- From the Plus Main Menu, select option 5 (Control File Change Audit). The Control File Change Audit screen displays.
- Type **TEST** in the Mailbox ID field, and press **Enter**.

The data displayed on the screen lists the following information:

- The date and time the change was submitted
- The Batch ID selected (if none was used, the field displays BATCH ID NOT USED)
- The On Status
- The Off Status (in this example it is D because you turned off the Delete Flag)
- The Start and End Batch Numbers for the change request

If more than one Remote ID had been maintained, the Remote ID field could be used to display changes to individual Remote IDs.

```
EDIM405 6.5_____ CONTROL FILE CHANGE AUDIT          XXX      12/01/2005
                                                    12:00:00
```

```
Mailbox Id: TEST_____
```

Date	Time		On	Off	User	Start	End
Chgd	Chgd	Batch Id	Status	Status	Id	Batch	Batch
120104	12:00	BATCH ID NOT USED		D	XXX	0000020	0

```
END OF CHANGE AUDIT
Enter PF1=Help          PF3=Exit PF4=Prev
      PF7=Bwd  PF8=Fwd
```

- Press **PF3=Exit** to return to the Plus Main Menu.
- From the menu, select option **8** (Communication Utility Submission) to return to the Communications Maintenance Utility Menu.
- Select option **3** (Communications List Report) and press **Enter** to transfer to the Communications List Report screen.

Communications List Report

The Communications List Report screen enables you to print batch report jobs for the Communication Control file. You can add or submit a job for processing by entering the required data and pressing **PF9=Sub**.

EDIM416 6.8.3_____ COMMUNICATIONS LIST REPORT XXX 12/01/2005
 12:00:00

Mailbox Id.....: _____

To Date.....: _____ From Date.....: _____

To Time.....: _____ From Time.....: _____

PF1=Help PF3=Exit PF4=Intchg Sta
 PF9=Sub

Step 29 View the data that was added in the last step.

Typically performed by: EDI Coordinator

- Type **TEST** in the Mailbox ID field and press **PF9=Sub** to submit the job.
- Verify the output from this job by reviewing the output of the batch job submitted to the internal reader.

- Verify that the screen is displayed as shown below.

```
EDIM416 6.8.3_____ COMMUNICATIONS LIST REPORT      XXX      12/01/2005
                                                    12:00:00

Mailbox Id.....: TEST_____

To Date.....: _____      From Date.....: _____

To Time.....: _____      From Time.....: _____

LIST JOB SUBMITTED
PF1=Help          PF3=Exit PF4=Intchg Sta
                  PF9=Sub
```

- Press **PF3=Exit**.

Chapter

3

Screens

Overview

This chapter provides the reference information you need to use the Gentran:Plus Communications subsystem. This chapter is divided into sections, each of which is comprised of all reference information relating to a particular screen. The following reference information is found in each section:

- The purpose of the screen
- Instructions on how to access the screen
- An example of the screen
- Descriptions of screen actions, when applicable
- A list of the valid function keys for the screen, as well as descriptions of each key
- A list of the fields on the screen, as well as descriptions of those fields and valid values for each field

Note: Some of the screen examples in this chapter may not exactly match your screens, depending on whether you are viewing a BISYNC, SNA or FTP profile in the example.

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Jump Codes

A jump code is a 10-character alphanumeric field located at the upper left corner of each Gentran screen. This field enables you to move, or *jump*, directly from one screen to another while bypassing menus. All screens that are accessible via a Gentran menu have jump code values associated with them. Screens that are accessible only from detail screens do not have jump code values associated with them.

Jumping Between Screens

In the Gentran system, you can jump between screens without navigating via Gentran menus. Use the following procedure to jump between screens:

1. Press **Home**.

The cursor moves to the Jump Code field at the top of the screen, to the right of the screen name.

2. Type the jump code and press **Enter**.

For a complete list of Gentran:Plus jump codes and their associated screens, see Appendix A of this guide.

Some of the terms and definitions used in this discussion are explained in the following list:

Term	Meaning
Subsystem	A set of functionally-related screens that are directly accessible from the Gentran Main Menu (e.g., Gentran:Plus Main Menu, Partner Maintenance, Standards Maintenance, Databank Maintenance, Security Maintenance, Mapping Maintenance).
Navigation	The movement from screen to screen by entering data then pressing function keys (e.g., PF1 , PF2) or by selecting options on menus and pressing Enter .
Position	The location within a subsystem file (or group of files) that displays the data (either one record or multiple records) on the screen.

Types of Jump Codes

The three types of jump codes are listed below. The types of jump codes are described more fully in the paragraphs that follow.

- Numeric
- Alphabetic
- Special Character

Numeric Jump Codes

Numeric jump codes consist of numbers separated by periods (.). The numbers in the jump code correspond to the numbers selected on menus, in the order in which they are selected.

Example: To display the Interchange Status screen, you can navigate using the Gentran menus by performing the following steps:

1. Type **6** on the Gentran Main Menu and press **Enter**.
2. Type **2** on the Plus Main Menu and press **Enter**.

... OR you could jump directly to the Interchange Status screen by performing these steps:

1. Press **Home**.
2. Type **6.2** in the Jump Code field of any screen and press **Enter**.

For a complete list of Gentran:Plus jump codes and their associated screens, see Appendix A of this guide.

Alphabetic Jump Codes

Alphabetic jump codes consist of alphabetic characters separated by periods (.). The alphabetic code is an abbreviated reference to the screen name or function. For example, to display the Interchange Status screen using the alphabetic jump code, type PLUS.ISTAT in the Jump Code field of any screen and press **Enter**.

For a complete list of Gentran:Plus jump codes and their associated screens, see Appendix A of this guide.

Special Character Jump Codes

Special character jump codes enable you to perform standard or generic functions with jump codes. The two special character jump codes are SWAP and EXIT.

- SWAP enables you to jump *between* Gentran online subsystems, not *within* subsystems. When you use jump code SWAP, you jump to the last screen you *jumped from* (but not *navigated from*), from another subsystem. When you jump from a different subsystem, you reset the SWAP positioning to the screen you are jumping from.

Example: You are on the Group Information screen in the Partner subsystem, then you *navigate* to the Transaction Information screen (also in the Partner subsystem). From here, you *jump* to the Name and Address screen (again, in the Partner subsystem). Next, you *jump* to the Communication Profile screen in the Gentran:Plus subsystem. After you view the information on the Communication Profile screen, you enter SWAP in the Jump Code field to return to your previous location in the Partner subsystem. SWAP returns you to the Name and Address screen in the Partner subsystem, because this is the screen from which you jumped to the Standards subsystem.

- Entering EXIT (or X) in the Jump Code field enables you to jump to the system sign-off screen. In this way, you can exit the Gentran system quickly and easily from any screen.

User-Defined Jump Code Table

The User-Defined Jump Code table is a user customization facility that enables you to define your own jump code values. This facility requires a table that consists of the 10-character user code and the 10-character Gentran:Basic jump code. It must be coded in an Assembler table and the name of the table must be entered on the Configuration file (Record Type 0). An entry for the table name must be added to your CICS PPT table.

When you enter a jump code, the system verifies that the jump code you entered is valid by checking the User-Defined Jump Code table first. If you have not defined a User-Defined Jump Code table, or if the jump code you entered is not in that table, then the system checks the Default Jump Code table.

See member EDIJUMP in the *Gentran:Basic UTILITY.SOURCE PDS* for help on using the User-defined Jump Code table.

Jump Code Guidelines

The Gentran:Basic system keeps independent position information for each subsystem and Gentran add-on product, including the Partner, Standards, Databank, Security, and Mapping subsystems and the Gentran:Plus, Gentran:Control, Gentran:Realtime, and Gentran:Viewpoint add-ons. The independence of these subsystems enables you to jump or navigate from subsystem to subsystem without having to re-enter a key for that screen.

The general rules for using jump codes are the following:

- You only can *jump to* screens that are directly accessible through selecting menu options.
- You can *jump from* any screen.
- Navigating or jumping to the Gentran Copyright/Signon screen, or exiting the Gentran system clears the positions for all subsystems.
- After you *jump from* a subsystem to another subsystem, you can return directly to the screen you *jumped from* by typing SWAP in the Jump Code field.
- You cannot use SWAP to jump between screens within the same subsystem.
- Typing SWAP is the only method by which you can *jump to* a screen that has no jump code associated with it, as long as SWAP positioning has been established by jumping from one subsystem screen to a different subsystem screen.
- An invalid jump code causes the system to return to the *jumped from* screen and display the message **INVALID JUMP CODE ENTERED**.
- You cannot *jump to* subsystems that are not installed or for which you do not have security access. The message **INVALID JUMP -- USER LACKS AUTHORITY** is displayed on the current screen if you try.

Communications Security Screen

EDIM40V

Purpose

The Communications Security screen enables you to provide a User ID and Password that are known to your external security package. This allows for better control of access to the Connect communications product from within the Gentran:Plus online subsystem.

The display of this screen is dependant upon the 'User ID Security Flag' on the Configuration Maintenance screen (EDIM231) for the Gentran:Plus Options -- Record Type 3. The possible values of this flag and how the screen processes them are:

- N – Security verification is performed using the default User ID and Password. If the verification is successful, this screen will not be displayed, you will go directly into the Gentran:Plus online subsystem. If the verification fails, this screen will be displayed with two options:
 - Press **PF3** to not continue into the Gentran:Plus online subsystem.
 - Press **PF5** to continue into the Gentran:Plus online subsystem, but without access to information from the Connect communications product.
- G – Security verification is performed using the Gentran User ID and Password that were entered on the Logon (EDIM000) screen. If the verification is successful, this screen will not be displayed, you will go directly into the Gentran:Plus online subsystem. If the verification fails, this screen will be displayed with two options:
 - Press PF3 to not continue into the Gentran:Plus online subsystem.
 - Press PF5 to continue into the Gentran:Plus online subsystem, but without access to information from the Connect communications product.
- U – This screen is displayed to request the User ID and Password for which security verification is to be performed. If the verification is successful, this screen will not be re-displayed, you will continue into the Gentran:Plus online subsystem. If the verification fails, this screen will be re-displayed with three options:
 - Re-enter the User ID and Password and press Enter to verify the new values.
 - Press PF3 to not continue into the Gentran:Plus online subsystem.
 - Press PF5 to continue into the Gentran:Plus online subsystem, but without access to information from the Connect communications product.

Using any of these options requires that the security interface is activated in the Connect communications product. For additional information, read the "Implementing Security" chapter of the *Connect:Enterprise OS/390 User's Guide*.

How to Access

This screen cannot be accessed directly from another screen or via a jump code. Instead, it is automatically displayed the first time that any Gentran:Plus online screen is invoked.

Screen Example

The following illustrates the Communications Security screen.

```
EDIM40V _____ COMMUNICATIONS SECURITY XXX 12/01/2005
12:00:00

User ID...: _____
Password...:

PLEASE ENTER YOUR USER ID AND PASSWORD
Enter PF1=Help PF3=Exit PF5=Continue
```

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF5=Continue: Continues into the Gentran:Plus online subsystem, however, without access to information from the Connect communications product. This function key appears only if security verification fails or access to the Connect communications product is not successful.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, enter the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

User ID: (Required)

An 8-position alphanumeric field used to specify the user's identification.

If the User ID Security Flag on the Configuration Maintenance screen (EDIM231) for the Gentran:Plus Options (Record Type 3) is N or G, this field will be protected.

Password: (Required)

An 8-position alphanumeric field used to specify a user's password. To provide additional security, the field will not be displayed on the screen when typed. Take care to accurately type the correct password.

If the User ID Security Flag on the Configuration Maintenance screen (EDIM231) for the Gentran:Plus Options (Record Type 3) is N or G, this field will be protected.

Plus Main Menu

EDIM400

Purpose

The Plus Main Menu displays all the subfunctions available within the Communications subsystem.

How to Access

Access the Plus Main Menu in either of the following ways:

- From the Gentran:Basic Main Menu, type **6** to select the Gentran:Plus Main Menu, and press **Enter**.
- Type **6.0** in the Jump Code field of any screen, and press **Enter**.

Screen Example

The following illustrates the Plus Main Menu.

```
EDIM400 6.0 _____          PLUS MAIN MENU          XXX    12/01/2005
                                          12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      - 1.  Communications Directory
        2.  Interchange Status
        3.  Interchange Detail
        4.  Communication History
        5.  Control File Change Audit
        6.  Communication Profile Maintenance
        7.  Communication Holiday Schedule Maintenance
        8.  Communication Utility Submission

Enter PF1=Help          PF3=Exit

                                          PF15=Logoff
```

The Plus Main Menu contains eight menu options, which enable you to perform various communications functions. The list of menu options, as well as a brief description of each option, follows:

Note: The Communications subsystem contains more screens than are listed below. However, the screens not listed below are detail screens that you can access only from one of the screens listed below.

Menu Option	Description
1 Communications Directory	Displays Gentran:Plus communications profiles in either List Name or Mailbox/Remote ID sequence.
2 Interchange Status	Enables you to update and view the data on the Communication Control file, data queues, and Log file.
3 Interchange Detail	Displays the data on the communications data queues.
4 Communications History	Enables you to route users to the Remote or Auto Connect History screen to display a log report.
5 Control File Change Audit	Displays an audit trail of Communication Control file status changes.
6 Communication Profile Maintenance	Enables you to define the communication profile fields common to the BISYNC, SNA, and FTP protocols. You also can use this option as an inquiry screen. You can add new communication profile definitions, or view existing communication profile definitions.
7 Communication Holiday Schedule Maintenance	Enables you to define the communication holiday processing schedule, to halt transactions on defined holidays.
8 Communication Utility Submission	Enables you to perform online maintenance and tracking of the Communications subsystem.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, enter the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

(Selection): (Optional)

A 1-character field used to make a menu selection. Enter a valid value (1 through 8) and press **Enter** to move to the selected screen.

Communications Session Maintenance Selection Menu

EDIM40A

Purpose

The Communications Session Maintenance Selection Menu routes you to the appropriate screen for a selected function.

How to Access

Access the Communications Session Maintenance Selection Menu in either of the following ways:

- From the Plus Main Menu, type **6** to select Communication Profile Maintenance, and press **Enter**.
- Type **6.6** in the Jump Code field of any screen, and press **Enter**.

Screen Example

The following illustrates the Communications Session Maintenance Selection Menu.

```
EDIM40A 6.6_____ COMMUNICATIONS SESSION MAINTENANCE   XXX   12/01/2005
                                SELECTION MENU                               12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _  1.  Communications Directory
          2.  Communication Profile
          3.  Communication Line Maintenance
          4.  Communication Schedule Maintenance
          5.  Communication Network Command Interface

Enter PF1=Help           PF3=Exit

                                           PF15=Logoff
```

The Communications Session Maintenance Selection Menu contains five menu options, which enable you to perform various communications functions. The list of menu options, as well as a brief description of each option, follows:

Note: The Communications subsystem contains more screens than are listed below. However, the screens not listed below are detail screens that you can access only from one of the screens listed below.

Menu Option	Description
1 Communications Directory	Enables you to view Gentran:Plus communication profiles in either List Name or Mailbox/Remote ID sequence.
2 Communication Profile	Enables you to define the communication profile fields common to the BISYNC, SNA, and FTP protocols.
3 Communication Line Maintenance	Enables you to attach up to 10 BISYNC communication lines to a List Name.
4 Communication Schedule Maintenance	Updates and displays schedule information on the Communication Profile file.
5 Communication Network Command Interface	Enables you to set up and maintain INS Network communication.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

(Selection): (Optional)

A 1-character field used to make a menu selection. Enter a valid value (1 through 5) and press **Enter** to move to the selected screen.

Communications Maintenance Utility Menu

EDIM40B

Purpose

The Communications Maintenance Utility Menu routes you to the appropriate screen for a selected function.

How to Access

Access the Communications Maintenance Utility Menu in either of the following ways:

- From the Plus Main Menu, type **8** to select Communication Utility Submission, and press **Enter**.
- Type **6.8** in the Jump Code field of any screen, and press **Enter**.

Screen Example

The following illustrates the Communications Maintenance Utility Menu.

```
EDIM40B 6.8_____ COMMUNICATIONS MAINTENANCE      XXX      12/01/2005
                        UTILITY MENU                    12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _  1.  Status Update
         2.  Communications Log Report
         3.  Communications List Report

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff
```

The Communications Maintenance Utility Menu contains three menu options, which enable you to perform various communications functions. The list of menu options, as well as a brief description of each option, follows:

Note: The Communications subsystem contains more screens than are listed below. However, the screens not listed below are detail screens that you can access only from one of the screens listed below.

Menu Option	Description
1 Status Update	Enables you to update up to five status flags for either an individual batch number or a range of batch numbers within Mailbox/Remote ID.
2 Communications Log Report	Enables you to submit batch report jobs for a printout of the Communication History Log file.
3 Communications List Report	Enables you to submit batch report jobs for a printout of the Communication Control file.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

(Selection): (Optional)

A 1-character field used to make a menu selection. Enter a valid value (1 through 3) and press **Enter** to move to the selected screen.

Communications Maintenance History Log Menu

EDIM40C

Purpose

The Communications Maintenance History Log Menu routes you to the appropriate screen for a selected function.

This program is called from the Plus Main Menu, the Auto Connect History screen, and the Remote Connect History screen.

How to Access

Access the Communications Maintenance History Log Menu in either of the following ways:

- From the Plus Main Menu, type **4** to select Communication History, and press **Enter**.
- Type **6.4** in the Jump Code field of any screen, and press **Enter**.

Screen Example

The following illustrates the Communications Maintenance History Log Menu.

```
EDIM40C 6.4_____ COMMUNICATIONS MAINTENANCE      XXX      12/01/2005
                    HISTORY LOG MENU                12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _  1.  Auto Connect History
         2.  Remote Connect History

Enter PF1=Help      PF3=Exit

                                           PF15=Logoff
```

The Communications Maintenance History Log Menu contains two menu options, which enable you to perform various communications functions. The menu options, as well as a brief description of each option, follow:

Note: The Communications subsystem contains more screens than are listed below. However, the screens not listed below are detail screens that you can access only from one of the screens listed below.

Menu Option	Description
1 Auto Connect History	Enables you to view the Communications subsystem Auto Connect History Log file.
2 Remote Connect History	Enables you to view the Communications subsystem Remote Connect History Log file.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

(Selection): (Optional)

A 1-character field used to make a menu selection. Enter a valid value (1 or 2) and press **Enter** to move to the selected screen.

Interchange Status Screen (for Connect:Enterprise)

EDIM40E

Purpose

The Interchange Status screen enables you to update and view data on the Communications Control file, batch queues and Log file.

How to Access

Access the Interchange Status screen in either of the following ways:

- From the Plus Main Menu (EDIM400), type **2** to select Interchange Status, and press **Enter**.
- Type **6.2** in the Jump Code field of any screen, and press **Enter**.

Screen Example

The following illustrates the Interchange Status screen in block/record count mode.

```

Select Update Changeaudit Autoconnect Remoteconnect List
EDIM40E 6.4 _____ INTERCHANGE STATUS          XXX      12/01/2005
                                                12:00:00

Mailbox Id: TESTSNA_                               Batch Number..: _____
Batch Status Flags..: _____ (!,A,B,C,D,E,F,I,M,N,R,S,T,U,X,Z,0)
Batch Id.....: _____
From Date.: _____ Time.: _____ To Date.: _____ Time.: _____
                                                Number of
A I/O Batch#  Batch Id          Batch Status Flags  Date  Time  Blocks
-  O 0000315  SNA TUTORIAL      A  R          08/10 15:17 000000100
-  O 0000316  SNA TUTORIAL      A  R  X        08/10 15:17 000000100
-  O 0000317  SNA TUTORIAL      A  R  X        08/10 15:17 000000100
-  O 0000318  SNA TUTORIAL      A  R  X        08/10 15:17 000000100
-  O 0000319  SNA TUTORIAL      A  R  X        08/10 15:17 000000100
-  O 0000306  SNA TUTORIAL      A                   08/10 15:17 000000100
-  O 0000307  SNA TUTORIAL      A                   08/10 15:17 000000100
-  O 0000308  SNA TUTORIAL      A                   08/10 15:17 000000100
-  O 0000309  SNA TUTORIAL      A                   08/10 15:17 000000100

BEGINNING OF BATCHES
Enter PF1=Help PF2=Mode PF3=Exit PF4=Directory PF5=Next
      PF7=Bwd  PF8=Fwd

```

The following illustrates the Interchange Status screen in date/time sent mode.

```

Select Update Changeaudit Autoconnect Remoteconnect List
EDIM40E 6.4_____ INTERCHANGE STATUS          XXX      12/01/2005
                                                12:00:00

Mailbox Id: TESTSNA_                          Batch Number..: _____
Batch Status Flags...: _____ (!,A,B,C,D,E,F,I,M,N,R,S,T,U,X,Z,0)
Batch Id.....: _____
From Date.: _____ Time.: _____ To Date.: _____ Time.: _____
                                                Date Time
A I/O Batch#  Batch Id          Batch Status Flags  Date Time Sent Sent
_  O 0000315  SNA TUTORIAL      A R                08/10 15:17 09/12 11:47
_  O 0000316  SNA TUTORIAL      A R X              08/10 15:17 08/13 11:47
_  O 0000317  SNA TUTORIAL      A R X              08/10 15:17
_  O 0000318  SNA TUTORIAL      A R X              08/10 15:17
_  O 0000319  SNA TUTORIAL      A R X              08/10 15:17
_
_
_
_

END OF BATCHES
Enter PF1=Help PF2=Mode PF3=Exit PF4=Directory PF5=Next
      PF7=Bwd  PF8=Fwd

```

Note: The sequence of batches that displays on the Interchange Status Screen is determined by the VSAM Pointer file for Connect:Enterprise. Requestable batches that have NOT been transmitted are sorted to display at the beginning of the list.

Screen Actions

The screen actions are displayed on the top line of the Interchange Status screen. The following table describes each screen action and gives instructions on performing the actions.

To perform this action ...	Associated with this screen action ...	Do this ...
View the Interchange Detail screen for a batch.	Select	Type S in the A (Action Code) field, next to the batch you want to select, then press PF5 .
Update the communication status for a batch.	Update	Type U in the A (Action Code) field next to the batch you want to update, then press PF5 .
View status change audit trail for a batch.	Changeaudit	Type C in the A (Action Code) field next to the batch whose audit trail you want to view, then press PF5 .
View the Auto Connect History screen for a batch.	Autoconnect	Type A in the A (Action Code) field next to the batch you want to select, then press PF5 .
View the Remote Connect History screen for a batch.	Remoteconnect	Type R in the A (Action Code) field next to the batch you want to select, then press PF5 .
Submit a Communication List Report for a batch.	List	Type L in the A (Action Code) field next to the batch you want to select, then press PF5 .

Note: When viewing or updating data on this screen, the value in the Division field is compared to the value in the Division field on the Remote file. If they do not match, or your division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF2=Mode: Toggles between the display of the block/record count and the display of the date/time sent.

PF4=Directory: Redisplays the Communication Directory screen. This screen displays a listing of Communication Profile IDs with which you communicate, starting with the Profile ID currently displayed, if applicable.

PF5=Next: Displays the next applicable screen for the action you are performing, depending on the value you type in the A (Action Code) field. For example, if the A (Action Code) field for an item contains an S when you press **PF5=Next**, the Interchange Detail screen displays.

The following table lists the valid values you can type in the A (Action Code) field, the name of the associated screen action, and the next screen that displays when you press **PF5=Next** from this screen.

Valid Value	Screen Action	Next Screen Displayed
S	Select	Interchange Detail screen
U	Update	Status Update screen
C	Changeaudit	Control File Change Audit screen
A	Autoconnect	Auto Connect History screen
R	Remoteconnect	Remote Connect History screen
L	List	Communications List Report screen

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Mailbox Id: (Required)

An 8-position, alphanumeric field. This is a part of the key for both the Communication Profile and Remote files.

In Connect:Enterprise the Mailbox ID is synonymous with the directory.

Batch Number: (Optional)

A 7-position numeric field. The value entered in the field sets the display to begin with the batch whose number is greater than or equal to the value entered. This batch number is the same batch number used by Connect:Enterprise.

Batch Status Flags: (Optional)

A 1 to 8-position alphanumeric field used as a search criteria to designate particular interchange/batch record status(es) for which you want to view data records. A logical not (!) can be specified in front of particular flags to exclude particular interchange/batch record status(es). See the *Connect:Enterprise OS/390 User's Quick Reference* for a description of the flag values.

If more than one batch status flag is specified, the selection of data records will display "any" records that match the selection criteria. For example, the value C!F will display any batch that was Collected from a remote site "or" did not originate at a FTP remote site.

Batch Id: (Optional)

A 1 to 24-position alphanumeric field used as a search criteria to designate particular Batch IDs for which you want to view data records. To perform a generic search, include an asterisk (*) on the end of the Batch ID. Search criteria specified without an asterisk (*) will only display data records that match the designated criteria. For example specifying a Batch ID of "BATCH WITH", will only display records with the Batch ID of "BATCH WITH". To display records with a Batch ID of "BATCH WITHOUT \$\$ADD", the search criteria must be specified as "BATCH WITH*".

Note: In Connect:Enterprise the Batch ID is the equivalent of the file name for the FTP remotes.

From Date: (Optional)

A 10-position numeric field used to search for data records from a specific date. The valid format is MM/DD/YYYY. This field can be used in the following ways:

- By itself
- With the To Date field to indicate a date range

- With the Time fields
- In conjunction with the Batch Status Flag and/or Batch ID search criteria

Time: (Optional)

A 5-position numeric field used to search for data records from a specific time. The valid format is HH:MM. Hours are 00-23. Minutes are 00-59. This field can be used in the following ways:

- By itself
- With the To Time field to indicate a time range
- With the Date fields
- In conjunction with the Batch Status Flag and/or Batch Id search criteria

To Date: (Optional)

An 10-position numeric field used to search for data records through a specific date. The valid format is MM/DD/YYYY. This field can be used in the following ways:

- By itself
- With the From Date field to indicate a date range
- With the Time fields
- In conjunction with the Batch Status Flag and/or Batch Id search criteria

Time: (Optional)

A 5-position numeric field used to search for data records through a specific time. The valid format is HH:MM. Hours are 00-23. Minutes are 00-59. This field can be used in the following ways:

- By itself
- With the From Time field to indicate a time range
- With the Date fields
- In conjunction with the Batch Status Flag and/or Batch Id search criteria

A (Action Code): (Optional)

A 1-position alphabetic field that indicates the action you want to perform for a particular Batch Id. See the Screen Actions table previously in this section for the valid action codes for this screen and information on performing the actions.

I/O: (Protected)

A 1-position alphabetic field indicating whether a batch record exists on your Batch queue (inbound) or an outbound interchange record exists on your Offline Add queue (outbound).

Batch#: (Protected)

Displays the sequential batch number assigned by the communication system.

Batch Id: (Protected)

Displays the sequential, system-generated outbound interchange number, or the sequential, system-generated inbound Batch Id.

Batch Status Flags: (Protected)

Displays all of the current statuses of the data record. See the *Connect:Enterprise for OS/390 User's Quick Reference* for a description of the flag values.

Date: (Protected)

Displays the date on which the outbound interchange was added to your communications queue, or the date on which the inbound batch data transmission was completed and written to your Batch queue. The valid format is MM/DD. If the interchange/batch is reprocessed, the date reflects the completion date of the new processing.

Time: (Protected)

Displays the time when the outbound interchange was added to your communications queue, or the time when the inbound batch data transmission was completed and written to your Batch queue. The valid format is HH:MM. If the interchange/batch is reprocessed, the time reflects the completion time of the new processing.

Number of Blocks: (Protected)

A 9-position numeric field that displays the number of records/blocks for this batch.

Date Sent: (Protected)

Displays the date on which the outbound interchange was sent (transmitted) to your trading partner. This is displayed by pressing the **PF2=Mode** key to toggle the display.

Time Sent: (Protected)

Displays the time when the outbound interchange was sent (transmitted) to your trading partner. This is displayed by pressing the **PF2=Mode** key to toggle the display.

Interchange Status Screen (for Connect:Mailbox)

EDIM40M

Purpose

The Interchange Status screen enables you to update and view data on the Communications Control file, data queues and Log file.

How to Access

Access the Interchange Status screen in either of the following ways:

- From the Plus Main Menu, type **2** to select Interchange Status, and press **Enter**.
- Type **6.2** in the Jump Code field of any screen, and press **Enter**.

Screen Example

The following illustrates the Interchange Status screen in block/record count mode.

```

Select Update Changeaudit Autoconnect Remoteconnect List
EDIM40M 6.4 _____ INTERCHANGE STATUS          XXX      12/01/2005
                                                12:00:00

Mailbox Id.: TEST_____ Batch Number..: _____
Status 1..: _ (Collected,Added,Incomp.,Delete,Request,Notransmit,Transmitted)
Status 2..: _ (Unextractable,Extracted,Multiple,X=Trans.,Bsc,Sna,inProgress)
From Date.: _____ Time.: _____ To Date.: _____ Time.: _____
                                                Number of
A I/O Batch#  Batch Id      Status1 Status2 Date   Time   Blocks
_  O 0000019  MAPPING TEST DA  A  R   E    12/14 10:54 000000080
_  O 0000020  000000000000005  A  R                   12/14 10:57 000000005
_  O 0000021  000000000000006  A  R                   12/14 11:00 000000022
_
_
_
_
_
_
_
_
_
_
END OF BATCHES
Enter PF1=Help PF2=Mode PF3=Exit PF4=Directory PF5=Next
      PF7=Bwd  PF8=Fwd

```

The following illustrates the Interchange Status screen in date/time sent mode.

```

Select Update Changeaudit Autoconnect Remoteconnect List
EDIM40M 6.4_____ INTERCHANGE STATUS XXX 12/01/2005
                                           12:00:00

Mailbox Id.: TEST_____ Batch Number..: _____
Status 1..: _ (Collected,Added,Incomp.,Delete,Request,Notransmit,Transmitted)
Status 2..: _ (Unextractable,Extracted,Multiple,X=Trans.,Bsc,Sna,inProgress)
From Date.: _____ Time.: _____ To Date.: _____ Time.: _____
                                           Date Time
A I/O Batch# Batch Id Status1 Status2 Date Time Sent Sent
_ O 0000019 MAPPING TEST DA A R E 12/14 10:54 07/02 09:42
_ O 0000020 00000000000005 A R 12/14 10:57 07/03 09:39
_ O 0000021 00000000000006 A R 12/14 11:00 05/16 09:46
-
-
-
-
-
-
-
-
-
-
END OF BATCHES
Enter PF1=Help PF2=Mode PF3=Exit PF4=Directory PF5=Next
      PF7=Bwd PF8=Fwd

```

Note: The sequence of batches that displays on the Interchange Status Screen is determined by the VSAM Pointer file for Connect:Mailbox. Requestable batches that have NOT been transmitted are sorted to display at the beginning of the list.

Screen Actions

The screen actions are displayed on the top line of the Interchange Status screen. The following table describes each screen action and gives instructions on performing the actions.

To perform this action ...	Associated with this screen action ...	Do this ...
View the Interchange Detail screen for a batch.	Select	Type S in the A (Action Code) field, next to the batch you want to select, then press PF5 .
Update the communication status for a batch.	Update	Type U in the A (Action Code) field next to the batch you want to update, then press PF5 .
View status change audit trail for a batch.	Changeaudit	Type C in the A (Action Code) field next to the batch whose audit trail you want to view, then press PF5 .
View the Auto Connect History screen for a batch.	Auto connect	Type A in the A (Action Code) field next to the batch you want to select, then press PF5 .
View the Remote Connect History screen for a batch.	Remoteconnect	Type R in the A (Action Code) field next to the batch you want to select, then press PF5 .
Submit a Communication List Report for a batch.	List	Type L in the A (Action Code) field next to the batch you want to select, then press PF5 .

Note: When viewing or updating data on this screen, the value in the Division field is compared to the value in the Division field on the Remote file. If they do not match, or your division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF2=Mode: Toggles between the display of the block/record count and the display of the date/time sent.

PF4=Directory: Redisplays the Communication Directory screen. This screen displays a listing of Communication Profile IDs with which you communicate, starting with the Profile ID currently displayed, if applicable.

PF5=Next: Displays the next applicable screen for the action you are performing, depending on the value you type in the A (Action Code) field. For example, if the Action field for an item contains an **S** when you press **PF5=Next**, the Interchange Detail screen displays.

The following table lists the valid values you can type in the A (Action Code) field, the name of the associated screen action, and the next screen that displays when you press **PF5=Next** from this screen.

Valid Value	Screen Action	Next Screen Displayed
S	Select	Interchange Detail screen
U	Update	Status Update screen
C	Changeaudit	Control File Change Audit screen
A	Autoconnect	Auto Connect History screen
R	Remoteconnect	Remote Connect History screen
L	List	Communications List Report screen

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Mailbox Id: (Required)

An 8-position, alphanumeric field. This is a part of the key for both the Communication Profile and Remote files.

Batch Number: (Optional)

A 7-position numeric field. The value entered in the field sets the display to begin with the batch whose number is greater than or equal to the value entered. This batch number is the same batch number used by Connect:Mailbox.

Status 1: (Optional)

A 1-position alphabetic field used as a search criterion to designate a particular interchange/batch record status for which you want to view data records. You can leave this field blank to display records with *all* status code assignments, for either outbound or inbound interchanges.

Type a valid value to indicate the status search value. You can use this field in conjunction with the From Date/Time and To Date/Time fields to further limit the search. Certain status codes are used only with specific inbound or outbound records, as defined in the following valid values:

- | | | |
|---|---|--|
| C | = | The batch was collected from a remote site. |
| A | = | The batch was added via the offline utilities Add function. |
| I | = | The batch is incomplete. Either there are no records in the batch, or an online data collection was interrupted due to an error condition. This batch is ignored by Connect:Mailbox and can be extracted only by the offline utilities Extract function. |

Note: To maintain consistency with the Connect:Mailbox reports, an I typed in the Status 1 field displays those batches with either a Status 1 of I or a Status 2 of P. The I status and the P Status together indicate that the batch may be in progress, the I status without the P status indicates that the batch is incomplete.

- | | | |
|---|---|--|
| D | = | The batch is flagged for deletion due to an online \$\$DELETE request or an offline utilities Delete function. |
| R | = | An online \$\$REQUEST for this batch from a remote site is allowed, or the batch may be transmitted to a remote site by host-initiated connection. |

- N = The batch was added using the Transmit Only Once option. This status indicates the batch has been transmitted and may not be transmitted again.
- T = An online transmit to a remote site has been performed for the batch.

Note: A **T** typed in the Status 1 field displays batches with either a **T** or **N** status. The **N** status overlays the **T** status but indicates that the batch has been transmitted exactly once. A **T** status indicates that more than one transmit may have been performed. The batch is marked transmitted after the first transmission so that it is not sent a second time on a Transmit All request. A transmitted batch can be retransmitted by a specific request by the batch number.

Status 2: (Optional)

A 1-position, alphanumeric field. This field is the second of the Communications subsystem Status fields. Valid values are:

- U = The batch was transmitted with the Extract Only Once option by the remote site. This status indicates the batch has been extracted and may not be extracted again.
- E = Data has been extracted.

Note: An **E** typed in the Status 2 field displays batches with either a **U** or **E** status. The **U** status overlays the **E** status but indicates that the batch has been extracted only once. An **E** status indicates that more than one extract may have been performed. The batch is marked extracted after the first extraction so that it is not sent a second time on an Extract All request. An extracted batch may be reextracted by a specific request by the batch number.

- M = The data is multi-transmittable.
- X = The data is transparent (a character in the data stream has a value less than hex 40).
- B = The batch was collected from a remote site using the BSC Protocol.
- S = The batch was collected from a remote site using the SNA Protocol.
- P = The batch was in progress during the data collection process. This status usually indicates that the online Connect:Mailbox system was shut down without allowing sessions in progress to complete prior to system termination, or the batch is in progress of being collected. Upon successful completion of the communication session, the P flag is automatically removed.

From Date: (Optional)

An 10-position numeric field used to search for data records from a specific date. The valid format is MM/DD/YYYY. This field can be used in the following ways:

- By itself
- With the To Date field to indicate a date range

- With the Time fields
- In conjunction with the status code search criterion

From Time: (Optional)

A 5-position numeric field used to search for data records from a specific time. The valid format is HH:MM. Hours are 00-23. Minutes are 00-59. This field can be used in the following ways:

- By itself
- With the To Time field to indicate a time range
- With the Date fields
- In conjunction with the status code search criterion

To Date: (Optional)

An 10-position numeric field used to search for data records through a specific date. The valid format is MM/DD/YYYY. This field can be used in the following ways:

- By itself
- With the From Date field to indicate a date range
- With the Time fields
- In conjunction with the status code search criterion

To Time: (Optional)

A 5-position numeric field used to search for data records through a specific time. The valid format is HH:MM. Hours are 00-23. Minutes are 00-59. This field can be used in the following ways:

- By itself
- With the From Time field to indicate a time range
- With the Date fields
- In conjunction with the status code search criterion

A (Action Code): (Optional)

A 1-position alphabetic field that indicates the action you want to perform for a particular batch ID. See the Screen Actions table previously in this section for the valid action codes for this screen and information on performing the actions.

I/O: (Protected)

A 1-position alphabetic field indicating whether a batch record exists on your Batch queue (inbound) or an outbound interchange record exists on your Offline Add queue (outbound).

Batch#: (Protected)

Displays the sequential batch number assigned by the communication system.

Batch Id: (Protected)

Displays the sequential, system-generated outbound interchange number, or the sequential, system-generated inbound batch ID.

Status1: (Protected)

Displays the current status of the data record. See the field description for the Status 1 field defined above for a discussion of all possible record status codes.

Status2: (Protected)

Displays the current status of the data record. See the field description for the Status 2 field defined above for a discussion of all possible record status codes.

Date: (Protected)

Displays the date on which the outbound interchange was added to your communications queue, or the date on which the inbound batch data transmission was completed and written to your Batch queue. The valid format is MM/DD. If the interchange/batch is reprocessed, the date reflects the completion date of the new processing.

Time: (Protected)

Displays the time when the outbound interchange was added to your communications queue, or the time when the inbound batch data transmission was completed and written to your Batch queue. If the interchange/batch is reprocessed, the time reflects the completion time of the new processing.

Number of Blocks: (Protected)

A 9-position numeric field that displays the number of records/blocks for this batch.

Date Sent: (Protected)

Displays the date on which the outbound interchange was sent (transmitted) to your trading partner. You also can view the Date/Time Sent values for the batch by pressing the **PF2=Mode** key to toggle the display.

Time Sent: (Protected)

Displays the time when the outbound interchange was sent (transmitted) to your trading partner. You also can view the Date/Time Sent values for the batch by pressing the **PF2=Mode** key to toggle the display.

Interchange Detail Screen

EDIM402

Purpose

The Interchange Detail screen enables you to view data on the communications data queues.

How to Access

Access the Interchange Detail screen in one of the following ways:

- From the Plus Main Menu, type **3** to select Interchange Detail, and press **Enter**.
- Type **6.3** in the Jump Code field of any screen, and press **Enter**.
- Type **s** in the A (Action Code) field next to the batch for which you want to view detail on the Interchange Status screen, then press **PF5=Next**.

Screen Example

The following illustrates the Interchange Detail screen for outbound.

```

Select
EDIM402 6.3_____ INTERCHANGE DETAIL          XXX      12/01/2005
                                                12:00:00

Mailbox Id.....: TESTSNA_          Inbound/Outbound..: 0
Batch Number.....: 0000315          Line Number.....: 000001
Batch Id.....: SNA TUTORIAL          Nbr Blocks/Records: 000000100

A
  $$ADD ID=TESTSNA BATCHID='SNA TUTORIAL'
  _  ISA*00*          *00*          *ZZ*513666666          *ZZ*6147937000          *901
  _  0*U*00200*000000004*0*P*>?GS*FA*121212*654321*920306*0948*7*X*002002?ST*9
  _  70001?AK1*IN*1314?AK9*A*1*1*1?SE*6*000070001?GE*1*7?IEA*1*000000004?
  _  ISA*00*          *00*          *ZZ*513666666          *ZZ*6147937000          *901
  _  0*U*00200*000000005*0*P*>?GS*IN*121212121*987654321*901105*1200*7*X*00204
  _  0*000070001?BIG*901105*INV01*901101*PONUMBER-001?NTE**-----
  _  -----?NTE**          TERMS ARE SPECIFIED BELO
  _  DISCOUNT WILL NOT BE APPLIED UNLESS INVOICE IS PAID?NTE**  IN FULL BY T
  _  OUNT DUE DATE.?NTE**-----

Enter PF1=Help          PF3=Exit PF4=IntStatus PF5=Line Dtl
      PF7=Bwd  PF8=Fwd          PF10=Prv  PF11=Nxt

```

The following illustrates the Interchange Detail screen for inbound.

```

Select
EDIM402 6.3_____ INTERCHANGE DETAIL XXX 12/01/2005
12:00:00

Mailbox Id.....: TESTFTP_ Inbound/Outbound...: I
Batch Number.....: 0000340 Line Number.....: 000001
Batch Id.....: FTP TUTORIAL Nbr Blocks/Records: 000000100
SNA/BSC/FTP.....: FTP

A
_ $$ADD ID=TESTSNA BATCHID='FTP TUTORIAL'
_ ISA*00* . *00* *ZZ*513666666 *ZZ*6147937000 *901
_ 0*U*00200*000000004*0*P*>?GS*FA*121212*654321*920306*0948*7*X*002002?ST*9
_ 70001?AK1*IN*1314?AK9*A*1*1*1?SE*6*000070001?GE*1*7?IEA*1*000000004?
_ ISA*00* *00* *ZZ*513666666 *ZZ*6147937000 *901
_ 0*U*00200*000000005*0*P*>?GS*IN*121212121*987654321*901105*1200*7*X*00204
_ 0*000070001?BIG*901105*INV01*901101*PONUMBER-001?NTE**-----
_ -----?NTE** TERMS ARE SPECIFIED BELO
_ DISCOUNT WILL NOT BE APPLIED UNLESS INVOICE IS PAID?NTE** IN FULL BY T
_ OUNT DUE DATE.?NTE**-----
_

Enter PF1=Help PF3=Exit PF4=IntStatus PF5=Line Dtl
PF7=Bwd PF8=Fwd PF10=Prv PF11=Nxt

```

Screen Actions

The screen action is displayed on the top line of the Interchange Detail screen. The following table describes the screen action and gives instructions on performing that action.

To perform this action ...	Associated with this screen action ...	Do this ...
View additional line details for a particular line (record) of interchange/batch data.	Select	Type s in the A (Action Code) field for the line of data you want to select, then press PF5 .

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

- PF4=IntStatus:** Returns to the Interchange Status screen. This screen displays a listing of either outbound interchanges or inbound batches and their statuses for the Remote ID and inbound/outbound criteria selected.
- PF5=Line Dtl:** Displays the Interchange Line Detail screen for a batch/record when you have typed an **s** in the A (Action Code) field next to the interchange/batch record for which you want to view line details.
- PF10=Prv:** Displays the previous batch listed on your Queue file.
- PF11=Nxt:** Displays the next batch listed on your Queue file.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Mailbox Id: (Required)

An 8-position alphanumeric field. This value is the same as the Communications subsystem Remote ID. It is a part of the key for both the Communication Profile and Remote files.

Inbound/Outbound: (Protected)

A 1-position alphabetic field used to designate whether an inbound or outbound batch is displayed. Valid values are:

- | | | |
|---|---|--------------------------------------|
| I | = | Displays outbound batch data details |
| O | = | Displays inbound batch data details |

Batch Number: (Optional)

A 7-position numeric field. The value entered in the field sets the display to begin with the batch whose number is greater than or equal to the value entered. This batch number is the same batch number used by Connect.

Line Number: (Optional)

A 6-position numeric field used to designate a specific line number (record) from which to display the interchange or batch details. You can use this field as a browsing feature to further specify your display by typing a number in the field and pressing **Enter**. This displays details for that line and the next 10 lines. Entering a value of 999999 in the field displays the *last* lines of the interchange or batch.

Batch Id: (Protected)

Displays either the system-generated outbound interchange number or the inbound Batch ID for which you want to view data details. The outbound interchange number or inbound Batch ID is displayed if you have navigated from another screen.

Nbr Blocks/Records: (Protected)

A 9-position numeric field that displays the number of records or blocks for this batch.

SNA/BSC/FTP: (Inbound only) (Protected)

This field indicates which protocol was used during the collection of a batch from a remote site.

A (Action Code): (Optional)

A 1-position alphabetic field that indicates the action you want to perform for a particular data record. See the Screen Actions table previously in this section for the valid action codes for this screen and information on performing the actions.

(Data Display): (Protected)

Displays first 73 characters of up to 10 data records stored on the communication data queues.

Interchange Line Detail Screen

EDIM403

Purpose

The Interchange Line Detail screen enables you to view the individual data records on the communications data queues.

How to Access

Access the Interchange Line Detail screen from the Interchange Detail screen by placing an **S** in the **A** (Action Code) field next to the record for which you want to view detail, then press **PF5**.

Screen Example

The following illustrates the Interchange Line Detail screen for Inbound Character mode.

```

EDIM403 _____ INTERCHANGE LINE DETAIL          XXX      12/01/2005
                                                    12:00:00

Mailbox Id.....: TESTFTP_                Inbound/Outbound..: I
Batch Number.....: 0000340                Line Number.....: 000001
Batch Id.....: FTP TUTORIAL                Nbr Blocks/Records: 00000001
                                           SNA/BSC/FTP.....: FTP

ISA*00*          *00*          *ZZ*5136666666        *ZZ*6147937000        *010105*
120

Enter PF1=Help PF2=Hex      PF3=Exit PF4=IntchgDtl          PF6=Nxt
      PF7=Bwd  PF8=Fwd
  
```


Mailbox Id: (Required)

An 8-position alphanumeric field, the value of which is the same as the Communications subsystem remote ID. This value is a part of the key for both the Communication Profile and Remote files.

Inbound/Outbound: (Protected)

A 1-position alphabetic field used to designate whether an inbound or outbound batch is displayed. Valid values are:

- | | | |
|---|---|--------------------------------------|
| I | = | Displays inbound batch line details |
| O | = | Displays outbound batch line details |

Batch Number: (Optional)

A 7-position numeric field. The value entered in the field sets the display to begin with the batch whose number is greater than or equal to the value entered. This batch number is the same batch number used by Connect.

Line Number: (Optional)

A 6-position numeric field used to designate a specific line number (record) from which to display the interchange or batch details. You can use this field as a browsing feature to further specify your display by typing a number in the field and pressing **Enter**. This displays details for that specific line. Entering a value of 999999 displays the details of the *last* line in the interchange or batch. If you have navigated from the Interchange Detail screen, where you must select a line number, the line number displays in this field. If you have navigated from the menu, the value in this field is the default line number 000001.

Batch Id: (Protected)

Displays either the system-generated outbound interchange number, or the sequential, system-generated inbound batch ID for which you want to view details for a particular line.

Nbr Blocks/Records: (Protected)

A 9-position numeric field that displays the number of records or blocks for this batch.

SNA/BSC/FTP: (Inbound only) (Protected)

This field indicates which protocol was used during the collection of a batch from a remote site.

(Data Display): (Protected)

In “Character” mode, for both inbound and outbound, the screen will display up to 8 lines of 77 bytes each for a total of 616 bytes.

In Hex mode:

- Outbound will only display *one* screen of 192 bytes.
- Inbound will display up to *three* screens of 192 bytes for a total of 576 bytes.

The following illustrates the Communication Directory screen in Mailbox/Remote Id sequence.

```

Status Autoconnect Remoteconnect Profile Changeaudit
EDIM404 6.1_____ COMMUNICATION DIRECTORY                12/01/2005
                                                              12:00:00

Starting MBX/RMT Id: _____ List Name.: _____ Remote/List.: R (R/L)

                               Last Update
A MBX/RMT Id  List Name  Company Name      Date  Time  User
- D-BSC       D-BSC    BSC  DEFAULTS    120105 120000 SCI
- D-FTPCLI    L-FTPCLI  FTP CLIENT DEFAULTS 120105 120000 SCI
- D-FTPSRV   L-FTPSRV  FTP SERVER DEFAULTS 120105 120000 SCI
- D-SNA      D-SNAL    SNA  DEFAULTS    120105 120000 SCI
- TEST       TESTL     TEST COMPANY        120105 120000 SCI
-
-
-
-

END OF MBX/RMT ID
Enter PF1=Help          PF3=Exit          PF5=Next
      PF7=Bwd   PF8=Fwd
    
```

Screen Actions

The screen actions are displayed on the top line of the Communication Directory screen. The following table describes each screen action and gives instructions on performing the actions.

To perform this action ...	Associated with this screen action ...	Do this ...
View the Interchange Status screen for a communication.	Status	Type S in the A (Action Code) field next to the communication you want to select, then press PF5 .
View the Auto Connect History screen for a communication.	Auto connect	Type A in the A (Action Code) field next to the communication you want to select, then press PF5 .
View the Remote Connect History screen for a communication.	Remoteconnect	Type R in the A (Action Code) field next to the communication you want to select, then press PF5 .
Define communication profile fields.	Profile	Type P in the A (Action Code) field next to the communication you want to select, then press PF5 .
View the Control File Change Audit screen for a communication.	Changeaudit	Type C in the A (Action Code) field next to the communication you want to select, then press PF5 .

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF5=Next: Displays the next applicable screen for the action you are performing, depending on the value you type in the A (Action Code) field. For example, if the A (Action Code) field for an item contains an S when you press **PF5=Next**, the Interchange Status screen displays.

The following table lists the valid values you can type in the A (Action Code) field, the name of the associated screen action, and the next screen that displays when you press **PF5=Next** from this screen.

Valid Value	Screen Action	Next Screen Displayed
S	Status	Interchange Status screen
A	Autoconnect	Auto Connect History screen
R	Remoteconnect	Remote Connect History screen
P	Profile	Communication Profile screen
C	Changeaudit	Control File Change Audit screen

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Starting MBX/RMT Id: (Optional)

An 8-position alphanumeric field. This field is the same as the Communications subsystem Remote ID. This value is a part of the key for both the Communication Profile and Remote files. This field position displays a list and begins with the Mailbox or Remote ID specified. This field is only valid when display is in Remote sequence.

List Name: (Optional)

An 8-position alphanumeric field, which is the same as the Communications subsystem list name. This value is a part of the key for both the Communication Profile and Remote files; it is needed to identify auto connect log records that supply the date and time sent or received. This field position displays a list and begins with the list name specified. This field is only valid when the display is in List Name sequence.

Remote/List: (Required)

A 1-position alphanumeric field that dictates the sequence of the display. Valid values are:

- R = The display is in Mailbox/Remote ID sequence and Mailbox/Remote ID is the first display field.
- L = The display is in List Name sequence and List Name is the first display field.

The initial value used for this field is defined on the Configuration Maintenance screen (EDIM231) for the Gentran:Plus Options – Record type 3. If a value is not specified there, the initial value used will be “R”.

A (Action Code): (Optional)

A 1-position alphabetic field that indicates the action you want to perform for a particular Remote ID/List Name pair. See the Screen Actions table previously in this section for the valid action codes for this screen and information on performing the actions.

List Name: (Protected)

The Communications subsystem List Name.

MBX/RMT Id: (Protected)

The Communication subsystem Mailbox or Remote ID.

Company Name: (Protected)

Displays the company name associated with the profile. If a name has not been assigned this field is blank.

Last Update Date (Protected)

An 8-position field that displays the date on which the information on this screen was created or last changed. The date format is MM/DD/YY.

Last Update Time (Protected)

An 8-position field that displays the time at which the information on this screen was created or last changed. The time format is HH:MM:SS.

Last Update User (Protected)

A 3-position field that displays the initials of the user who created or last changed the information on this screen.

Control File Change Audit Screen

EDIM405

Purpose

The Control File Change Audit screen displays an audit trail of Communication Control file status changes that were updated by the Status Maintenance (EDIM413) screen.

How to Access

Access the Control File Change Audit screen in one of the following ways:

- From the Plus Main Menu, type **5** to select Control File Change Audit, and press **Enter**.
- Type **c** in the A (Action Code) field next to the Remote ID/ListName for which you want to view change audit information on the Communication Directory, and press **PF5**.
- Type **6.5** in the Jump Code field of any screen, and press **Enter**.

Screen Example

The following illustrates the Control File Change Audit screen.

```

EDIM405 6.5_____ CONTROL FILE CHANGE AUDIT          XXX      12/01/2005
                                                12:00:00

Mailbox Id: TEST_____

Date      Time                On   Off   User  Start   End
Chgd     Chgd   Batch Id          Status Status Id  Batch   Batch
070201  13:49  BATCH ID NOT USED      R          XXX   0000033   0

END OF CHANGE AUDIT
Enter PF1=Help          PF3=Exit PF4=Prev
      PF7=Bwd   PF8=Fwd

```

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF4=Prev: Returns to the previous screen.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Mailbox Id: (Required)

An 8-position alphanumeric field. This value is the same as the Communications subsystem Remote ID, and is a part of the key for both the Communication Profile and Remote files.

Date Chgd: (Protected)

Displays the date on which the interchange or batch status was changed. The valid format is **MMDDYY**.

Time Chgd: (Protected)

Displays the time when the interchange or batch status was changed. The valid format is **HH:MM**.

Batch Id: (Protected)

Displays the sequential, system-generated outbound interchange number, or the sequential, system-generated inbound batch ID in which the changed record is selected. If the Batch ID is not used, the literal BATCH ID NOT USED displays.

On Status: (Protected)

A 5-position alphanumeric field that displays any of the five status update flags that were set to Y on the Status Maintenance (EDIM413) screen. Valid values are:

R	=	Request Allowed
D	=	Delete
T	=	Transmit Done
E	=	Extracted
M	=	Multiple Transmission

Off Status: (Protected)

A 5-position alphanumeric field that displays any of the five status update flags that were set to N on the Status Maintenance (EDIM413) screen. Valid values are:

R	=	Request Allowed
D	=	Delete
T	=	Transmit Done
E	=	Extracted
M	=	Multiple Transmission

User Id: (Protected)

Displays the User ID of the user who changed the record's status code.

Start Batch Number: (Protected)

The starting batch number if used from the Status Maintenance (EDIM413) screen.

End Batch Number: (Protected)

The ending batch number if used from the Status Maintenance (EDIM413) screen.

Communication Profile Screen

EDIM406

Purpose

The Communication Profile screen defines the communication profile fields common to BSC, SNA, and FTP. Also, you can use the screen as an inquiry screen. You can add new communication profile definitions, and update, delete, or view existing communication profile definitions.

How to Access

Access the Communication Profile screen in one of the following ways:

- From the Communications Session Maintenance Selection Menu, type 2 to select Communication Profile, and press **Enter**.
- Type **P** in the A (Action Code) field next to the Remote ID/ListName for which you want to view Communication profile information on the Communication Directory and press **PF5**.
- Type **6.6.2** in the Jump Code field of any screen, and press **Enter**.

Screen Example

The following illustrates the Communication Profile screen.

```

EDIM406 6.6.4_____ COMMUNICATION PROFILE XXX 12/01/2005
                                                    12:00:00

Remote Id.....: D-FTPCLI                      List Name: _____
Copy From Remote Id: _____ Copy From List Name: _____

Company: FTP_CLIENT_DEFAULTS_____ Division: 000
Contact: _____
Phone.....: ( ___ ) ___ - ___ X ___ International Dial Code: ___

Protocol.....: FTP (BSC/SNA/FTP) FTP Client or Server...: C (C/S)
Connect with No Batches: N (Y/N)

Extract Parameters:
Print Carriage Control: Y (Y/N/C) Record Separation.....: _____
Record Descriptor Word: _ (Y/N/SPACE) Transparency.....: N (Y/N/B)

Last Update Date: 12/01/05 Time: 12:00:00 User: XXX

Enter PF1=Help          PF3=Exit PF4=Dir          PF5=Protocol PF6=NextRec
PF9=Add PF10=Updt PF11=Del

```

Screen Actions

The following table describes each screen action of the Communication Profile screen, and gives instructions on performing the actions.

To perform this action ...	Associated with this screen action ...	Do this ...
View an existing communication profile definition.	n/a	Enter the Remote ID and the List Name for the communication profile definition you want to view and press Enter .
Add a new communication profile definition.	n/a	Enter the required data and press PF9 .
Update existing communication profile definitions.	n/a	Enter the required data and press PF10 .
Delete an existing communication profile definition.	n/a	Enter the Remote ID and the List Name for the Communication profile definition you want to delete and press PF11 to confirm the deletion. Press PF11 again to perform the deletion.

Note: When viewing, updating, or deleting data on this screen, the value in the Division field is compared to the value in the Division field on the Remote file. If they do not match, or your division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

- PF4=Dir:** Exits to the Communications Directory.
- PF5=Protocol:** Transfers to the SNA, BSC, or FTP Profile Maintenance screen.
- PF6=NextRec:** Reads the next communication profile record with key values (Remote ID, List Name) greater than the key value given on the screen.
- PF9=Add:** Adds the communication profile record to both the Communication Profile file and Remote file.

- PF10=Updt:** Updates the communication profile record on both the Communication Profile and Remote file.
- In addition, when the protocol is BSC or SNA, updates to the “Connect with No Batches” field can also be dynamically applied to Connect. When this occurs, pressing **PF10** will display the message “PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS”. Pressing **PF10** again will update the Communications Profile and Remote files and then dynamically update Connect. Pressing **Enter** will only update the Communications Profile and Remote files.
- PF11=Del:** Deletes the communication profile record in two steps: the first time you press **PF11** the system confirms that the record exists on both the Communications Profile file and Remote file. The second time you press **PF11** the system deletes the record on both the Communications Profile file and Remote file.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen’s jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See “Jump Codes” on page 3-3 for further information on using jump codes.

Remote Id: (Required)

An 8-position alphanumeric field. This value is the same as the Communications subsystem Remote ID, and is part of the key to the Remote and Communication Profile files.

List Name: (Optional or Required)

An 8-position alphanumeric field. This value is the identifier for auto connects, and is part of the key to the Communication Profile and Remote files. The field is required if the protocol is BISYNC, SNA, or FTP Server. It must be blank if the protocol is FTP Client.

Copy From Remote Id: (Optional)

An 8-position alphanumeric field. This is a previously-added Remote ID and *must* be on file. This field is used to allow a profile record to be copied from an existing remote.

Copy From List Name: (Optional)

An 8-position alphanumeric field. This is a previously-added List Name. This field works with copy from Remote ID.

Company: (Optional)

A 35-position alphanumeric field that displays the name of the company with whom you are communicating.

Division: (Optional)

A 3-position alphanumeric field. If your user division code is 000, this field can be set to any value during an add or update. If you have any other user division code, this field is set to that value during an update or add.

Contact: (Optional)

A 35-position alphanumeric field that displays the name of the contact at the company with whom you are communicating.

Phone: (Optional)

A 13-position alphanumeric field that displays the phone number of the contact at the company with whom you are communicating.

International Dial Code: (Optional)

A 3-position alphanumeric field that displays international telephone numbers.

Protocol: (Required)

A 3-position alphabetic field that defines the protocol associated with this Remote Id. Valid values are:

BSC = Binary Synchronous using BTAM
SNA = Systems Network Architecture using VTAM
FTP = File Transfer Protocol using TCP/IP

FTP Client or Server: (Required if Protocol is FTP)

A 1-position alphabetic field that further defines the FTP Remote Id. Valid values are:

C = This Remote Id is an FTP Client that can access, retrieve data from, and send data to your Connect FTP Server.
S = This Remote Id is an FTP Server that your Connect FTP Client can access, retrieve data from, and send data to.

Note: List Name must be spaces for FTP Client remotes.

Connect with No Batches: (Required)

A 1-position alphanumeric field. Valid values are:

Y = Connect whether data is on the queue to send or not.
N = If no data is available to send, do not attempt the connection.

Option Definition file: *CONNECT

Parameter: NOBATCH=

Extract Parameters:**Print Carriage Control:** (Required)

A 1-position alphanumeric field. This is a BISYNC-only field that sets print carriage control values. Valid values are:

N = Drop the carriage control.
Y = Keep the carriage control as is.
C = Carriage control is converted as documented in the Connect manual.

Record Separation: (Optional)

A 5-position alphanumeric field used to re-block data as it is extracted from the queues. Valid values are:

- X = (Valid hex value), where a hex value of 15 is represented X15.
- Tnnnn = Where nnnn is a numeric value (max 4096),
- Cnnnn = Where nnnn is a numeric value (max 4096).

Record Descriptor Word: (Optional)

A 1-position alphanumeric field that indicates whether or not to create the length for variable length records as the extracted records are being written. Valid values are:

- Y = Create the length for variable length records as the extracted records are being written.
- N = Do not create the length for variable length records as the extracted records are being written.
- blank = The file is a fixed-length file.

Transparency: (Required)

A 1-position alphanumeric field that indicates which batches are extracted. Valid values are:

- Y = Extract only transparent batches.
- N = Extract all but the transparent batches.
- B = Extract both transparent and non-transparent batches.

Last Update Date (Protected)

An 8-position field that displays the date on which the information on this screen was created or last changed. The date format is MM/DD/YY.

Last Update Time (Protected)

An 8-position field that displays the time at which the information on this screen was created or last changed. The time format is HH:MM:SS.

Last Update User (Protected)

A 3-position field that displays the initials of the user who created or last changed the information on this screen.

BISYNC Communications Profile Screen

EDIM407

Purpose

The BISYNC Communications Profile screen defines the BISYNC communication profile fields. You also can use the screen as an inquiry screen. You can update existing BISYNC communication profile records, or view existing BISYNC communication profile definitions.

How to Access

Access the BISYNC Communications Profile screen from the Communication Profile screen by pressing **PF5=Protocol**.

Screen Example

The following illustrates the BISYNC Communications Profile screen.

```

EDIM407 _____ BISYNC COMMUNICATIONS PROFILE                XXX 12/01/2005
                                                                12:00:00

Remote Id.....: D-BSC_____ List Name.....: D-BSCL__
2780.....: N (Y/N) 3780.....: Y (Y/N)
Host Id Verify....: N (Y/N) Remote Site Id.....: _____
Phone Number.....: (999)999-9999_____ Mode...: SR (SR/SO/RS/RO)
Transparency.....: N (Y/N) Records per Block.....: 01_
Blank Compress....: N (Y/N) Trailing Blank Trunc....: N (Y/N)
Switched Line.....: Y (Y/N) Auto Dial.....: Y (Y/N)
Retries.....: 00 Queue Auto Connects.....: N (Y/N)
One Batch.....: _ (Y/N) Batch Separation.....: _ (BLANK/1/2/3)
Jes/Power Processing:
Jes.....: N (Y/N) Disconnect Interval.....: 0000
VSE/Power.....: N (Y/N) Signoff.....: _ (BLANK/Y/N)
Signon.....: .....1.....2.....3.....4
                                                    (COLS. 01-40)
                                                    (COLS. 41-80)
Last Update Date: 12/01/05 Time: 12:00:00 User: XXX

Enter PF1=Help          PF3=Exit PF4=Profile    PF5=Schedule    PF6=LineMnt
                        PF10=Updt

```

Screen Actions

The following table describes each screen action of the BISYNC Communications Profile screen, and gives instructions on performing the actions.

To perform this action ...	Associated with this screen action ...	Do this ...
View an existing BISYNC communication profile definition.	n/a	Enter the Remote ID and the List Name of the communication profile definition you want to view and press Enter .
Exit to the common Transmission Schedule screen.	n/a	Press PF5 .
Update existing BISYNC communication profile definitions.	n/a	Enter the required data and press PF10 .

Note: When viewing, updating, or deleting data on this screen, the value in the Division field is compared to the value in the Division field on the Remote file. If they do not match, or your division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

- PF4=Profile:** Exits to the Communication Profile screen.
- PF5=Schedule:** Transfers to the Transmission Schedule screen.
- PF6=LineMnt:** Transfers to the BISYNC Line Maintenance screen.
- PF10=Updt** Updates the communication profile record on both the Communications Profile and Remote files.

In addition, updates to many of the fields can also be dynamically applied to Connect. So pressing **PF10** will display the message **PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS**. Pressing **PF10** again will update the Communications Profile and Remote files and then dynamically update Connect. Pressing **Enter** will only update the Communications Profile and Remote files.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. If a screen has a jump code, the screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Remote Id: (Required)

An 8-position alphanumeric field. This value is the same as the Communications subsystem Remote ID and is part of the key to the Remote and Communication Profile files.

Option Definition file: *CONNECT – Remote Record

Parameter: First value of Remote Record

List Name: (Required)

An 8-position alphanumeric field. This value is the identifier for auto connects, and is part of the key to the Communication Profile and Remote files.

Options Definition file: *CONNECT

Parameter: LISTNAME=

2780: (Required)

A 1-position alphanumeric field indicating that all sessions for this Remote ID/List Name pair are done using 2780 BISYNC emulation; inter-record separator 1F.

Options Definition file: *CONNECT – Remote Record

Parameter: RECSEP=

3780: (Required)

A 1-position alphanumeric field indicating that all sessions for this Remote ID/List Name pair are done using 3780 BISYNC emulation; inter-record separator 1E.

Options Definition file: *CONNECT – Remote Record

Parameter: RECSEP=

Host ID Verify: (Required)

A 1-position alphabetic field used to designate to Gentran:Plus whether or not to use BTAMID verify for the remote site. The corresponding Communications subsystem field is HID.

Y = Yes, use BTAMID verify for remote site.

N = No, do not use BTAMID verify for remote site.

Options Definition file: *CONNECT – Remote Record

Parameter: HID=

Remote Site ID: (Optional)

An 18-position alphanumeric field used to identify the name of the remote site that is used only if BTAMID verification is used. The corresponding Communications subsystem field is RID.

Options Definition file: *CONNECT – Remote Record
Parameter: RID=

Phone Number: (Required for switched connection)

A 25-position alphanumeric field used to enter the modem phone number for remote auto connect dialing. This field is invalid for non-switch lines. The corresponding Communications subsystem field is in remote specifications.

Options Definition file: *CONNECT – Remote Record
Parameter: Coded on Remote Record

Mode: (Required)

A 2-position alphabetic field used to designate to Gentran:Plus which mode to use for communications. Valid values for line types BSCAD and BSCMD are:

SR	=	Send/receive
SO	=	Send only
RS	=	Receive/send
RO	=	Receive only

Valid values for line type BSCNS are SR and SO only. The corresponding Communication subsystem field is MODE.

Options Definition file: *CONNECT – Remote Record
Parameter: MODE=

Transparency: (Required)

A 1-position alphabetic field used to designate to Gentran:Plus whether or not to use BSC transparency. The corresponding Communications subsystem field is TRANSPAR. Valid values are:

Y	=	Yes, use BSC transparency
N	=	No, do not use BSC transparency

Options Definition file: *CONNECT – Remote Record
Parameter: TRANSPAR=

Records per Block: (Optional)

A 2-position numeric field used to define to Gentran:Plus the number of records to transmit as a single block of data. The corresponding Communications subsystem field name is BLOCK. Valid values are 01 through 99. If an * is placed in position 1 with a value greater than 01 in positions 2 and 3, Connect will allow the first write to the remote site to be unblocked (*02).

Options Definition file: *CONNECT – Remote Record
Parameter: BLOCK=

Blank Compress: (Required)

A 1-position alphabetic field used to designate to Gentran:Plus whether or not to compress blanks before transmitting data across communication lines. The corresponding Communications subsystem field is CMP. Valid values are:

- Y = Yes, compress blanks before transmission.
- N = No, do not compress blanks before transmission.

Options Definition file: *CONNECT – Remote Record
Parameter: CMP=

Trailing Blank Trunc: (Required)

A 1-position alphabetic field used to designate to Gentran:Plus whether or not to truncate trailing blanks. The corresponding Communications subsystem field is TRUNC. Valid values are:

- Y = Yes, truncate trailing blanks.
- N = No, do not truncate trailing blanks.

Options Definition file: *CONNECT – Remote Record
Parameter: TRUNC=

Switched Line: (Required)

A 1-position alphanumeric field. Valid values are:

- Y = This is a switched line.
- N = This is not a switched line (leased line).

Options Definition file: *CONNECT
Parameter: TYPE=

* Updates to this field cannot be made to Connect. Attempts to change this field in Connect will result in a return code 102.

Auto Dial: (Required)

A 1-position alphanumeric field indicating whether the connection is auto dial or manual dial. Y is not valid for a leased line (switched line = N). Valid values are:

- Y = This is an auto dial/connect connection.
- N = This is a manual dial connection.

Options Definition file: *CONNECT
Parameter: TYPE=

* Updates to this field cannot be made to Connect. Attempts to change this field in Connect will result in a return code 103.

Retries: (Optional)

A 2-position numeric field designating the number of times Gentran:Plus retries any communication failure. The default value is 00. The corresponding Communications subsystem field is RETRY.

Options Definition file: *CONNECT
Parameter: RETRY=

Queue Auto Connects: (Required)

A 1-position alphanumeric field indicating whether an auto connect transaction is queued and started later if a session cannot be established. Valid values are:

- Y = Queue and start the auto connect later if a session cannot be established.
- N = The auto connect is not queued and fails if a session cannot be established.

Options Definition file: *CONNECT

Parameter: ACQUEUE=

One Batch: (Optional)

A 1-position alphabetic field indicating whether multiple batches are transmitted to a remote. Valid values are:

- Y = Only the first eligible batch is transmitted.
- N = Default. All eligible batches will be transmitted.

Options Definition file: *CONNECT – Remote Record

Parameter: ONEBATCH=

Batch Separation: (Optional)

A 1-position alphanumeric field that specifies the method, if any, by which batches are separated within a transmission. Valid values are:

- B = Blank. No end character is sent.
- 1 = The Communications subsystem sends an EOT, reads the response and then sends an ENQ.
- 2 = The Communications subsystem sends an ETX between batches.
- 3 = Batches are not separated, but also are not flagged as transmitted until the entire transmission has completed successfully.

Options Definition file: *CONNECT – Remote Record

Parameter: BCHSEP=

Jes/Power Processing:**Jes:** (Required)

A 1-position alphanumeric field used to designate to Gentran:Plus whether or not to use the JES protocols communication support transmitting or receiving data. Valid values are:

- Y = Use the appropriate input/output from JES.
- N = Do not use the input/output from JES.

Options Definition file: *CONNECT

Parameter: JES=

* Updates to this field cannot be made to Connect. Attempts to change this field in Connect will result in a return code 104.

Disconnect Interval: (Optional)

A 4-position numeric field that enables you to define the number of seconds Gentran:Plus should wait before dropping a session. The default value is 0010. The corresponding communication field is DISCINTV.

Options Definition file: *CONNECT

Parameter: DISCINTV=

VSE/Power: (Required)

A 1-position alphanumeric field indicating whether the remote site is a Power site. Valid values are:

Y = The remote site is a Power site.
N = The remote site is not a Power site.

Note: This parameter is mutually exclusive with JES.

Options Definition file: *CONNECT

Parameter: POWER=

* Updates to this field cannot be made to Connect. Attempts to change this field in Connect will result in a return code 105.

Signoff: (Optional)

A 1-position alphanumeric field. Valid values are Y or N.

Options Definition file: *CONNECT

Parameter: SIGNOFF=

Signon: (Optional)

An 80-position alphanumeric field used to send JES formatted sign-ons.

Last Update Date (Protected)

An 8-position field that displays the date on which the information on this screen was created or last changed. The date format is MM/DD/YY.

Last Update Time (Protected)

An 8-position field that displays the time at which the information on this screen was created or last changed. The time format is HH:MM:SS.

Last Update User (Protected)

A 3-position field that displays the initials of the user who created or last changed the information on this screen.

SNA Communication Profile Screen

EDIM408

Purpose

The SNA Communication Profile screen defines the SNA communication profile fields and also can be used as an inquiry screen.

How to Access

Access the SNA Communication Profile screen from the Communication Profile screen by pressing **PF5=Protocol**.

Screen Example

The following illustrates the SNA Communication Profile screen.

```

EDIM408 _____ SNA COMMUNICATION PROFILE XXX 12/01/2005
                                                    12:00:00

Remote Id: D-SNA___ List Name: D-SNAL___

Retries.....: 00
Disconnect Interval.....: ____ (Seconds)
Concurrent Sessions.....: 01
Delay.....: 0000
Queue Auto Connects.....: Y (Y/N)
Batch Separation.....: _ (Blank/3)
One Batch.....: _ (Y/N)

Remote Output Media:
Console Screen.....: N (Y/N)
Printer.....: N (Y/N)
Punch.....: N (Y/N)
Transmission Exchange Format.....: Y (Y/N)
Basic Exchange Format.....: N (Y/N)

Last Update Date: 12/01/05
Time: 12:00:00
User: XXX

Enter PF1=Help          PF3=Exit PF4=Profile  PF5=Remotes
                        PF10=Updt

```

Screen Actions

The following table describes each screen action of the SNA Communication Profile screen, and gives instructions on performing the actions.

To perform this action ...	Associated with this screen action ...	Do this ...
View existing SNA communication profile definitions for a communication.	n/a	Enter the Remote ID and the List Name and press Enter .
Exit to the SNA Communication Profile Remote screen.	n/a	Press PF5 .
Update existing SNA communication profile definitions for a communication.	n/a	Enter the required data and press PF10 .

Note: When viewing, updating, or deleting data on this screen, the value in the Division field is compared to the value in the Division field on the Remote file. If they do not match, or your division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF4=Profile: Exits to the Communications Profile.

PF5=Remotes: Transfers to the SNA Communication Profile Remote Maintenance screen.

PF10=Updt: Updates the communication profile record on both the Communication Profile and Remote files.

In addition, updates can also be dynamically applied to Connect. So pressing **PF10** will display the message **PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS**. Pressing **PF10** again will update the Communications Profile and Remote files and then dynamically update Connect. Pressing **Enter** will only update the Communications Profile and Remote files.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. If a screen has a jump code, the screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Remote Id: (Required)

An 8-position alphanumeric field. This value is the same as the Communications subsystem Remote ID and is part of the key to the Remote and Communication Profile files.

Options Definition file: *CONNECT

Parameter: First value of Remote Record

and

Options Definition file: *REMOTES

Parameter: NAME=

List Name: (Required)

An 8-position alphanumeric field, this value is the identifier for auto connects, and is part of the key to the Communication Profile and Remote files.

Options Definition file: *CONNECT

Parameter: LISTNAME=

Retries: (Optional)

A 2-position numeric field used to enter the number of times Gentran:Plus retries any communication failure. The default value is 00. The corresponding Communications subsystem field is RETRY.

Options Definition file: *CONNECT

Parameter: RETRY=

Disconnect Interval: (Optional)

A 4-position numeric field that enables you to define the number of seconds that Gentran:Plus should wait before dropping a session. The corresponding communication field is DISCINTV.

Options Definition file: *CONNECT

Parameter: DISCINTV=

Concurrent Sessions: (Required)

A 2-position numeric field used to designate the number of concurrent sessions that Gentran:Plus should initiate for an auto connect. Valid values are 01 through 48. The corresponding Communications subsystem field is ACSESS#.

Options Definition file: *CONNECT

Parameter: ACSESS#=#

Delay: (Optional)

A 4-position numeric field that specifies the number of seconds the Communications subsystem is delayed before starting another connect. This delay allows the attached communication network to free resources.

Options Definition file: *CONNECT

Parameter: DELAY=#

Queue Auto Connects: (Required)

A 1-position alphanumeric field indicating whether an auto connect transaction is queued and started later if a session cannot be established. Valid values are:

- Y = Queue and start the auto connect later if a session cannot be established.
- N = The auto connect is not queued and fails if a session cannot be established.

Options Definition file: *CONNECT

Parameter: ACQUEUE=#

Batch Separation: (Optional)

A 1-position alphanumeric field that specifies the method, if any, by which batches are separated within a transmission. Valid values are:

- space = Blank. Batches are separated by intermediary chaining and bracket indicators.
- 3 = Batches are not separated but are not flagged as transmitted until the entire transmission has completed successfully.

Options Definition file: *CONNECT – Remote Record

Parameter: BCHSEP=#

One Batch: (Optional)

A 1-position alphabetic field indicating whether multiple batches are transmitted to a remote.

- Y = Only the first eligible batch is transmitted.
- N = Default. All eligible batches will be transmitted.

Options Definition file: *CONNECT – Remote Record

Parameter: ONEBATCH=#

Remote Output Media:**Console Screen:** (Required)

A 1-position Yes/No field that determines whether the output batches are displayed on the Remote Console screen.

Options Definition file: *CONNECT – Remote Record

Parameter: MEDIA=

Printer: (Required)

A 1-position Yes/No field that determines whether the output batches are printed on the remote printer.

Options Definition file: *CONNECT – Remote Record

Parameter: MEDIA=

Punch: (Required)

A 1-position Yes/No field that determines whether the output batches are directed to the remote card punch.

Options Definition file: *CONNECT – Remote Record

Parameter: MEDIA=

Transmission Exchange Format: (Required)

A 1-position Yes/No field that determines whether the output batches are directed to the remote exchange diskette and the transmission exchange format used.

Options Definition file: *CONNECT – Remote Record

Parameter: MEDIA=

Basic Exchange Format: (Required)

A 1-position Yes/No field that determines whether the output batches are directed to the remote exchange diskette and the basic exchange format used.

Options Definition file: *CONNECT – Remote Record

Parameter: MEDIA=

Last Update Date (Protected)

An 8-position field that displays the date on which the information on this screen was created or last changed. The date format is MM/DD/YY.

Last Update Time (Protected)

An 8-position field that displays the time at which the information on this screen was created or last changed. The time format is HH:MM:SS.

Last Update User (Protected)

A 3-position field that displays the initials of the user who created or last changed the information on this screen.

SNA Communication Profile Remote Maintenance Screen EDIM409

Purpose

The SNA Communication Profile Remote Maintenance screen defines the SNA communication profile remote fields. The screen also can be used as an inquiry screen.

How to Access

Access the SNA Communication Profile Remote Maintenance screen from the SNA Communication Profile screen by pressing **PF5=Remotes**.

Screen Example

The following illustrates the SNA Communication Profile Remote Maintenance screen.

```

EDIM409 _____ SNA COMMUNICATION PROFILE          XXX 12/01/2005
                  REMOTE MAINTENANCE                  12:00:00

Remote ID: D-SNA____ List Name: D-SNAL____

Primary Logical Unit:
Lu Name.....: _____ Pool Name.....: _____
Secondary Logical Unit:
Remote ACB.....: RMTACB__ Logmode.....: RJE512__
Userdata.....: RMTNAME_____

SDLC Parameters:
Sterling Connect....: N__ (Y/N/DL/SPC)
Compress.....: Y (Y/N)   Transparency.....: _ (Y/N/Blank)
Console.....: N (Y/N)   Batch Separation....: _ (Blank/3)
Truncation.....: N (Y/N) Media.....: __ (Blank/CN/PR/PU/
Block Size.....: 0512                                     EX/BX)
FMH.....: Y__ (Y/N/NPP/X25/IE)   Last Update Date: 12/01/05
Queue Session.....: N (Y/N)       Time: 12:00:00
Device.....: _____ (Blank/ST400)   User: XXX

Enter PF1=Help          PF3=Exit PF4=Profile   PF5=Schedule
                        PF10=Updt

```

Screen Actions

The following table describes each screen action of the SNA Communication Profile Remote Maintenance screen, and gives instructions on performing the actions.

To perform this action ...	Associated with this screen action ...	Do this ...
View an existing SNA communication profile definition for a communication.	n/a	Enter the Remote ID and the List Name of the communication profile whose definition you want to view and press Enter .
Exit to the Transmission Schedule screen.	n/a	Press PF5 .
Update existing SNA communication profile remote definitions for a communication.	n/a	Enter the required data and press PF10 .

Note: When viewing, updating, or deleting data on this screen, the value in the Division field is compared to the value in the Division field on the Remote file. If they do not match, or your division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF4=Profile: Exits to the SNA Communication Profile screen.

PF5=Schedule: Transfers to the Transmission Schedule screen.

PF10=Updt: Updates the communication profile record on both the Communication Profile and Remote files.

In addition, updates can also be dynamically applied to Connect. So pressing **PF10** will display the message **PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS**. Pressing **PF10** again will update the Communications Profile and Remote files and then dynamically update Connect. Pressing **Enter** will only update the Communications Profile and Remote files.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. If a screen has a jump code, the screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Remote Id: (Required)

An 8-position alphanumeric field. This value is the same as the Communications subsystem Remote ID, and is part of the key to the Remote and Communication Profile files.

List Name: (Required)

An 8-position alphanumeric field. This value is the identifier for auto connects, and is part of the key to the Communication Profile and Remote files.

Primary Logical Unit:**Lu Name:** (Optional)

An 8-position alphanumeric field. Use of this field indicates that this is a primary logical unit (PLU) definition. This value is the LU Name defined in VTAM for the session. This field is mutually exclusive with the Secondary Logical Unit fields.

Options Definition file: *REMOTES

Parameter: LUNAME=

Pool Name: (Optional)

An 8-position alphanumeric field used to select a logical unit pool defined in the Pools section of the Options Definition file. Logical Unit Names then are selected from the pool during auto connect processing.

Options Definition file: *REMOTES

Parameter: POOL=

Secondary Logical Unit:**Remote ACB:** (Optional)

An 8-position alphanumeric field required for Secondary Logical Units. This field corresponds to the Application ID in VTAM for the Primary Logical Unit.

Options Definition file: *REMOTES

Parameter: RMTACB=

Logmode: (Optional)

An 8-position alphanumeric field that specifies the logmode table in VTAM that is used to define the session parameters to be used.

Options Definition file: *REMOTES

Parameter: LOGMODE=

Userdata: (Optional)

A 27-position alphanumeric field for Connect-to-Connect sessions and sessions with JES2. The Userdata value corresponds to a Remote ID defined at the host site. For JES2 communications, this value is the Remote ID and Password.

Options Definition file: *REMOTES
Parameter: USERDATA=

SDLC Parameters:**Sterling Connect:** (Required)

A 3-position alphanumeric field indicating the type of connection. Valid values are:

- Y = The remote site is a Sterling Connect Site running Connect:Enterprise or Connect:Mailbox or Connect:Supertracs version 4.0 or higher.
- N = The remote is not a Sterling Connect Site.
- DL = The remote site is running Connect:Tracs for MS-DOS and OS/2 and you are transmitting records greater than 256.
- SPC = The remote site is running SPC version 1.4 or higher.

Options Definition file: *REMOTES
Parameter: SC=

Compress: (Required)

An alphanumeric field indicating whether outbound communication data compression is supported. Valid values are:

- Y = Compression is supported (this is the default).
- N = Compression is not supported.

Options Definition file: *REMOTES
Parameter: COMPRESS=

Transparency: (Optional)

An alphanumeric field indicating whether the transmission of transparent data is supported. This parameter is only supported in conjunction with PUNCH MEDIA. Valid values are:

- Y = Transparent data is supported.
- N = Transparent data is not supported.
- Blank = Either the media is not punch or the Connect default is to be used.

Options Definition File: *REMOTES
Parameter: TRANSPAR=

Console: (Required)

A 1-position alphanumeric field indicating whether the remote device for the session has a console terminal attached. Valid values are:

- Y = The remote device for this session has a console terminal attached (this is the default value).
- N = The remote device does not have a console terminal attached.

Note: For Sterling connects and sessions with the INS TRADANET or IBM network, the Console field must contain a value of N.

Options Definition file: *REMOTES
Parameter: CONSOLE=

Batch Separation: (Optional)

A 1-position alphanumeric field that specifies the method, if any, by which batches are separated within a transmission. Valid values are:

- Blank = Batches are separated by intermediary chaining and bracket indicators.
- 3 = Batches are not separated but are not flagged as transmitted until the entire transmission has completed successfully.

Options Definition file: *REMOTES
Parameter: BCHSEP=

Truncation: (Required)

A 1-position alphanumeric field indicating whether trailing blanks are truncated. Valid values are:

- Y = Trailing blanks are truncated.
- N = Trailing blanks are not truncated (this is the default).

Options Definition file: *REMOTES
Parameter: TRUNC=

Media: (Optional)

A 2-position alphanumeric field that allows you to direct outbound batches to a specific output media on the remote device. Valid values are:

- Blank = The remote site must specify where to submit batches.
- CN = Directs output batches to be displayed on the remote console screen.
- PR = Directs output batches to be printed on the remote printer.
- PU = Directs output batches to the remote card punch.
- EX = Directs output batches to the remote exchange diskette and uses Transmission Exchange format.
- BX = Directs output batches to the remote exchange diskette and uses Basic Exchange format.

Options Definition file: *REMOTES
Parameter: MEDIA=

Block Size: (Optional)

A 4-position numeric field that specifies the maximum size of a block of data to be sent or received from a remote site. The default value is 512. The block size, if used, should be equal to the RU size of the remote site. Valid values are 256 through 4096.

Options Definition file: *REMOTES
Parameter: BLKSIZE=

FMH (Function Management Header) (Required)

A 3-position alphanumeric field that specifies whether FMHs are used for the session.
Valid values are:

- Y = FMH are used (this is the default value).
- N = FMHs are not sent, but can be received. The primary use for this value is for the INS TRADANET network 56KB connection.
- NPP = This is a connection with the INS TRADANET network NPP protocol converter 9.6KB connection. No FMHs are sent and the INS TRADANET SNA protocol interpretation is supported.
- X25 = FMH outbound support is disabled and NPSI support is enabled.
- IE = A proprietary protocol is used, IBM Expedite Direct Network.

Note: When NPP, X25, or IE is specified, the Sterling Connect, Compress, Console, and Truncation fields all must be set to the value N.

Options Definition file: *REMOTES
Parameter: FMH=

Queue Session: (Required)

A 1-position alphanumeric field indicating whether VTAM can queue the session of the remote Secondary Logical Unit when it is unable to immediately accept the session. Valid values are:

- Y = The communications system allows VTAM to queue the session of the remote Secondary Logical Unit when it is unable to immediately accept the session (disabled).
- N = VTAM cannot queue the session of the remote Secondary Logical Unit when it is unable to immediately accept the session.

Note: There is no time-out value in effect for session startup when this parameter is used.

Options Definition file: *REMOTES
Parameter: QSESS=

Device: (Optional)

A 5-position alphanumeric field that enables the communication system to control the READY FOR INPUT message based on the remote device to which it is talking. Valid values are:

- blank = The remote site is not Connect:Mailbox for OS/400 via SPC.
- ST400 = This value must be used when connecting with Connect:Mailbox for OS/400 via SPC.

Options Definition file: *REMOTES
Parameter: DEVICE=

Last Update Date (Protected)

An 8-position field that displays the date on which the information on this screen was created or last changed. The date format is MM/DD/YY.

Last Update Time (Protected)

An 8-position field that displays the time at which the information on this screen was created or last changed. The time format is HH:MM:SS.

Last Update User (Protected)

A 3-position field that displays the initials of the user who created or last changed the information on this screen.

Transmission Schedule Screen

EDIM410

Purpose

The Transmission Schedule screen enables you to update and view schedule information on the Communication Profile file.

This Transmission schedule is used by the Options Definition File Creation program (EBDI020). See program descriptions in Chapter 4 of this guide to determine whether an auto connect is to be initiated, and if so, at what time(s).

EBDI020 generates the parameter(s) TIME= in the *CONNECT section of the Options Definition file based on the start, stop, and interval settings on this screen.

How to Access

Access the Transmission Schedule screen in one of the following ways:

- From the Communications Session Maintenance Selection Menu, type **4** to select Communications Schedule Maintenance, and press **Enter**.
- From the SNA Communication Profile Remote Maintenance screen, press **PF5=Schedule**.
- From the BISYNC Communications Profile screen, press **PF5=Schedule**.
- Type **6 . 6 . 4** in the Jump Code field of any screen, and press **Enter**.

Screen Example

The following illustrates the Transmission Schedule screen.

```

EDIM410 6.6.4_____   TRANSMISSION SCHEDULE   XXX 12/01/2005
                                                                12:00:00

Remote Id: TEST_____   List Name: TESTL____   Calendar: _____

      Day of Call      Start      Stop      Interval
      (S M T W T F S)   (HHMM)   (HHMM)   (Seconds)
-----
      -----          -----          -----
      -----          -----          -----
      -----          -----          -----
      -----          -----          -----
      -----          -----          -----
      -----          -----          -----
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      -----          -----          -----
      -----          -----          -----
      -----          -----          -----

                          Last Update Date: 12/01/05   Time: 12:00:00   User: XXX

Enter PF1=Help           PF3=Exit PF4=Profile   PF5=ID List
                          PF10=Updt

```

Note: When viewing, updating, or deleting data on this screen, the value in the Division field is compared to the value in the Division field on the Remote file. If they do not match, or your division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

- PF4=Profile:** Exits to the SNA Communication Profile Remote Maintenance screen or the BISYNC Communication Profile screen.
- PF5=ID List:** Transfers to the ID List Maintenance screen.
- PF10=Updt:** Updates the communication profile record.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Remote Id: (Required)

An 8-position alphanumeric field. This value is the same as the Communications subsystem Remote ID and is part of the key for both the Communication Profile and Remote files.

List Name: (Required)

An 8-position alphanumeric field. This value is the same as the Communications subsystem List Name and is part of the key for both the Communication Profile and Remote files. The List Name is needed to identify auto connect log records which supply the date and time sent or received.

Calendar: (Optional)

An 8-position alphanumeric field. This value is the name of the calendar to be used for time-activated Auto Connects. This value will be the same value as the NAME= parameter in the CALENDAR section of the ODF.

Day of Call: (Optional)

A 1-position alphanumeric field composed of seven fields (one for each day of the week) used to designate which day(s) of the week you want Gentran:Plus to perform an auto-dial to the trading partner specified. Enter any non-blank character to designate a day.

Start: (Optional)

A 4-position numeric field used to designate the time when you want Gentran:Plus to begin auto-dialing (open communication window) this trading partner for the day(s) you have indicated. The valid format is HHMM (H is hour and M is minutes). Valid values are 0001 through 2359.

Stop: (Optional)

A 4-position numeric field used to designate the time when you want Gentran:Plus to cease auto-dialing (close communication window) this trading partner for the day(s) you have indicated. The valid format is HHMM (H is hour and M is minutes). Valid values are 0001 through 2359.

Interval: (Optional)

A 4-position numeric field used to designate the number of seconds between auto-dial initiations performed by Gentran:Plus for this trading partner. Valid values are 0300 through 9999.

Last Update Date (Protected)

An 8-position field that displays the date on which the information on this screen was created or last changed. The date format is MM/DD/YY.

Last Update Time (Protected)

An 8-position field that displays the time at which the information on this screen was created or last changed. The time format is HH:MM:SS.

Last Update User (Protected)

A 3-position field that displays the initials of the user who created or last changed the information on this screen.

Auto Connect History Screen

EDIM411

Purpose

The Auto Connect History screen displays the Communications subsystem Auto Connect History Log file and the status codes that are unique to an FTP Auto Connect. From this screen, you can transfer to the User Log Maintenance screen to display the complete User Log text.

How to Access

Access the Auto Connect History screen in one of the following ways:

- From the Communications Maintenance History Log Menu, type **1** to select Auto Connect History, and press **Enter**.
- From the Communication Directory type **s** in the A (Action Code) field next to the Remote ID/List Name that you want to view Auto Connect History and press **PF5**.
- From Interchange Status type **a** in any A (Action Code) field to view Auto Connect History and press **PF5**.
- Type **6.4.1** in the Jump Code field of any screen, and press **Enter**.

Screen Example

The following illustrates the Auto Connect History screen.

```

Select UserLog
EDIM411 6.4.1_____          AUTO CONNECT HISTORY          XXX 12/01/2005
                                                                    12:00:00

Remote Id.: D-FTPSRV          List Name: L-FTPSRV
Status....: _ (Collected, Transmitted, Successful, Failure)
From Date.: _____ Time.: _____ To Date.: _____ Time.: _____

      Batch      Start      Complete      Status
Action Number  Date - Time  Date - Time  Codes      Count  Batch Id
--
--            12/01/05 12:00  12/01/05 12:00  SS S
--            12/01/05 12:00  12/01/05 12:00  SE F=162
--            12/01/05 12:00  12/01/05 12:00  SS S
--            12/01/05 12:00  12/01/05 12:00  UL S
--            12/01/05 12:00  12/01/05 12:00  CC S
--            12/01/05 12:00  12/01/05 12:00  CL S
--            0000008 12/01/05 12:00  12/01/05 12:00  BT S          80 P61B0006 REAL
--            0000009 12/01/05 12:00  12/01/05 12:00  BT S          80 P61B0006 REAL
--            12/01/05 12:00  12/01/05 12:00  CD S
--            12/01/05 12:00  12/01/05 12:00  SE S

Enter PF1=Help          PF3=Exit PF4=Prev          PF5=LogRpt
      PF7=Bwd  PF8=Fwd
  
```

Screen Actions

The screen actions are displayed on the top line of the Auto Connect History screen. The following table describes each screen action and gives instructions on performing the actions.

To perform this action ...	Associated with this screen action ...	Do this ...
View the Communications Log Report screen for a batch.	Select	Type s in the Action (Action Code) field next to the batch you want to select, then press PF5 .
View the text of a User Log record	UserLog	Type u in the Action (Action Code) field next to the batch you want to select, then press PF5 .

Note: When viewing data on this screen, the value in the Division field is compared to the value in the Division field on the Remote file. If they do not match, or the division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF4=Prev: Transfers either to the Communication Directory or the Interchange Status screen depending on how you entered the information.

PF5=LogRpt: Transfers to the Communications Log Report screen (EDIM417) or the User Log Maintenance screen (EDIM418) with the pertinent information from the line you selected by entering a value of **S** or **U** in the corresponding Action (Action Code) field.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Remote Id: (Required)

An 8-position alphanumeric field. This value corresponds to the Communications subsystem Remote ID.

List Name: (Required)

An 8-position alphanumeric field used as the identifier for auto connects. This value is part of the key to the Communication Profile and Remote files.

Status: (Optional)

A 1-position alphanumeric field indicating which sessions to display. Valid values are:

blank	=	Displays all sessions.
C	=	Displays all collected data sessions for this Remote ID.
T	=	Displays all transmitted data sessions for this Remote ID.
S	=	Displays all successful sessions for this Remote ID
F	=	Displays all failed sessions for this Remote ID.

From Date: (Optional)

An 10-position alphanumeric field indicating the first date on which the display is to list connect data. This field's primary function is to limit the size of the display to a pertinent time frame. The valid format is MM/DD/YYYY.

From Time: (Optional)

A 5-position alphanumeric field indicating the first time when the display is to list connect data. This field's primary function is to limit the size of the display to a pertinent time frame. The valid format is HH:MM; this field is used in conjunction with the From Date field.

To Date: (Optional)

An 10-position alphanumeric field indicating the last date on which the display is to list connect data. This field's primary function is to limit the size of the display to a pertinent time frame. The valid format is MM/DD/YYYY.

To Time: (Optional)

A 5-position alphanumeric field indicating the last time when the display is to list connect data. This field's primary function is to limit the size of the report to a pertinent time frame. The valid format is HH:MM; this field is used in conjunction with the To Date field.

The following fields occur 10 times on the screen.**Action (Action Code):** (Optional)

A 1-position alphanumeric field. When the value **S** is entered, control transfers to the Communications Log Report screen. When the value of **U** is entered, control transfers to the User Log Maintenance screen. See the Screen Actions table previously in this section for additional information on performing the actions.

Batch Number: (Protected)

A 7-position numeric field that displays the batch number on the screen. This value is the Communications subsystem assigned Batch Number.

Start Date: (Protected)

An 8-position alphanumeric field indicating the date on which the auto connect started. The valid format is MM/DD/YY.

Start Time: (Protected)

A 5-position alphanumeric field indicating the time when the auto connect started. The valid format is HH:MM.

Complete Date: (Protected)

An 8-position alphanumeric field indicating the date on which the auto connect completed. The valid format is MM/DD/YY.

Complete Time: (Protected)

A 5 position alphanumeric field indicating the time when the auto connect completed. The valid format is HH:MM.

Status Codes: (Protected)

A 6-position alphanumeric field indicating the status of the connection. If the connection failed, the Communications subsystem failure code is specified. Valid values are:

T	=	Batch translation
C	=	Batch collection
S	=	Successful connection
F	=	Failed connection
BC	=	Batches collected
BT	=	Batches transmitted
CC	=	Client connect
CD	=	Client disconnect
CL	=	Client login
SE	=	Session end
SS	=	Session start
UL	=	User log

Count: (Protected)

An 8-position numeric field. For data transmissions, Count is the number of records sent to the remote site. For data collections, Count is the number of blocks received from the remote site.

Batch Id: (Protected)

A 13-position alphanumeric field that displays the first 13 positions of the Batch ID for the batch.

Remote Connect History Screen

EDIM412

Purpose

The Remote Connect History screen displays the Communications subsystem Remote Connect History Log file.

How to Access

Access the Remote Connect History screen in one of the following ways:

- From the Communications Maintenance History Log Menu, type 2 to select Remote Connect History, and press **Enter**.
- Type **R** in the Action (Action Code) field next to the batch for which you want to view Remote Connect History on the Interchange Status screen, then press **PF5**.
- From the Communication Directory type **S** in the Action (Action Code) field next to the Remote ID/List Name that you want to view Remote Connect History and press **PF5**.
- Type **6.4.2** in the Jump Code field on any screen, and press **Enter**.

Screen Example

The following illustrates the Remote Connect History screen.

```

Select
EDIM412 6.4.2_____ REMOTE CONNECT HISTORY          XXX      12/01/2005
                                                12:00:00

MBX/RMT Id: TESTBSC_
Status....: _ (Successful, Failure)
From Date.: _____ Time.: _____ To Date.: _____ Time.: _____

      Batch      Start      Complete      Status      Record
Action Number  Date - Time  Date - Time  Codes  Type  Count  Batch Id
- 0000310 12/03/03 12:00 12/03/03 12:00 S   REQ   100 BSC TUTOR
- 0000302 12/03/03 12:00 12/03/03 12:00 S   REQ   100 BSC TUTOR
- 0000310 12/03/03 12:00 12/03/03 12:00 S   REQ   100 BSC TUTOR
- 0000312 12/03/03 12:00 12/03/03 12:00 S   REQ   100 BSC TUTOR
- 0000312 12/03/03 12:00 12/03/03 12:00 S   REQ   100 BSC TUTOR
- 0000311 12/03/03 12:00 12/03/03 12:00 S   REQ   100 BSC TUTOR
- 0000310 12/03/03 12:00 12/03/03 12:00 S   REQ   100 BSC TUTOR
- 0000310 12/03/03 12:00 12/03/03 12:00 S   REQ   100 BSC TUTOR
- 0000311 12/03/03 12:00 12/03/03 12:00 S   REQ   100 BSC TUTOR
- 0000312 12/03/03 12:00 12/03/03 12:00 S   REQ   100 BSC TUTOR

Enter PF1=Help          PF3=Exit PF4=Prev          PF5=LogRpt
      PF7=Bwd   PF8=Fwd
  
```


Screen Actions

The screen actions are displayed on the top line of the Remote Connect History screen. The following table describes each screen action and gives instructions on performing the actions.

To perform this action ...	Associated with this screen action ...	Do this ...
View the Communications Log Report screen for a batch.	Select	Type s in the Action (Action Code) field next to the batch number you want to select, then press PF5 .

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF4=Prev: Transfers either to the Communication Directory or the Interchange Status screen depending on how you entered the information.

PF5=LogRpt: Transfers to the Communications Log Report screen with the pertinent information from the line you selected by entering a value of **S** in the corresponding Action (Action Code) field.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

MBX/RMT Id: (Required)

An 8-position alphanumeric field that corresponds to the Communications subsystem Mailbox or Remote ID.

Status: (Optional)

A 1-position alphanumeric field indicating which sessions to display. Valid values are:

S = Displays all successful sessions for this Remote ID.
 F = Displays all failed sessions for this Remote ID
 blank = Displays all sessions.

From Date: (Optional)

A 10-position alphanumeric field indicating the first date on which the display is to list connect data. This field's primary function is to limit the size of the display to a pertinent time frame. The valid format is MM/DD/YYYY.

From Time: (Optional)

A 5-position alphanumeric field indicating the first time when the display is to list connect data. This field's primary function is to limit the size of the display to a pertinent time frame. The valid format is HH:MM. This field is used in conjunction with the From Date field.

To Date: (Optional)

A 10-position alphanumeric field indicating the last date on which the display is to list connect data. This field's primary function is to limit the size of the display to a pertinent time frame. The valid format is MM/DD/YYYY.

To Time: (Optional)

A 5-position alphanumeric field indicating the last time when the display is to list connect data. This field's primary function is to limit the size of the report to a pertinent time frame. The valid format is HH:MM. This field is used in conjunction with the To Date field.

The following fields occur 10 times on the screen:**Action (Action Code):** (Optional)

A 1-position alphanumeric field. When the valid value of S is entered for this field, information is conveyed to the Communications Log Report screen when **PF5** is pressed. See the Screen Actions table previously in this section for additional information on performing the actions.

Batch Number: (Protected)

A 7-position numeric field that displays the first batch number on the screen. This value is the Communications subsystem assigned batch number.

Start Date: (Protected)

An 8-position alphanumeric field indicating the date on which the remoteconnect started. The valid format is MM/DD/YY.

Start Time: (Protected)

A 5-position alphanumeric field indicating the time when the remoteconnect started. The valid format is HH:MM.

Complete Date: (Protected)

An 8-position alphanumeric field indicating the date on which the remoteconnect completed. The valid format is MM/DD/YY.

Complete Time: (Protected)

A 5-position alphanumeric field indicating the time when the remoteconnect completed. The valid format is HH:MM.

Status Codes: (Protected)

A 6-position alphanumeric field indicating the status of the connection. If the connection failed, the Communications subsystem failure code is specified. Valid values are:

S = Successful connection
F = Failed connection

Status Type: (Protected)

A 4-position alphanumeric field that indicates the type of connection made. Valid values are:

CONN = Connect session
DISC = Disconnect session
ADD = Add command
REQ = Request commands
DEL = Delete command
DIR = Directory command
EXTR = Extract command

Record Count: (Protected)

A 7-position numeric field. This value is the record/block count for that session step.

Batch Id: (Protected)

A 9-position alphanumeric field that displays the Communications subsystem Batch ID for this batch. The field is truncated due to limited screen space.

Status Maintenance Screen

EDIM413

Purpose

The Status Maintenance screen enables you to update up to five status flags for either an individual batch number or a range of batch numbers within Remote ID.

The Status Maintenance report is produced by a batch job that is submitted to the internal reader for processing. The output from this job is routed according to the job card provided on the JCL. The JCL for this job was edited for your site during the Gentran:Plus installation procedure. For more information about Status Maintenance, see the STATFLG function in the “Offline Utilities” chapter of the *Connect:Enterprise OS/390 User's Guide*.

Note: To help identify the output from this job, the job card is examined for ####. If present, then the #### is replaced with the user's initials from their security profile.

How to Access

Access the Status Maintenance screen in one of the following ways:

- From the Communications Maintenance Utility Menu (Jump Code 6.8), type **1** to select Status Update, and press **Enter**. Type **U** in the A (Action Code) field next to the batch for which you want to update the status flags on the Interchange Status screen, then press **PF5=Next**.
- Type **6.8.1** in the Jump Code field of any screen, and press **Enter**.

Screen Example

The following illustrates the Status Maintenance screen.

```

EDIM413 6.8.1_____ STATUS MAINTENANCE          XXX 12/01/2005
                                                12:00:00

Mailbox Id: TESTBSC_

Single/Start Batch Number.....: 0000310
End Batch Number.....: _____ (Optional)
Batch Id.....: _____

Request Allowed.....: _ (Y/N)

Delete.....: _ (Y/N)

Transmit Done.....: _ (Y/N)

Extracted.....: _ (Y/N)

Multiple Transmission.....: _ (Y/N)

PF1=Help          PF3=Exit PF4=Intchg Sta
                  PF9=SUB

```

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF4=Intchg Sta: Transfers to the Interchange Status screen.

PF9=Sub: Submits the status update job.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Mailbox Id: (Required)

An 8-position alphanumeric field. This value is the same as the Communications subsystem Remote ID, and is part of the key to the Remote and Communication Profile files.

Single/Start Batch Number: (Required if Batch ID is not used)

A 7-position numeric field. This value is the Batch Number from the Communications subsystem Control file. When you transfer to this screen from the Interchange Status screen, the Starting Batch Number is the batch number displayed for the Action Code field used.

End Batch Number: (Optional)

A 7-position numeric field. This value is the batch number from the Communications subsystem Control file.

Note: If you wish to update a range of batch numbers, the Starting Batch Number and Ending Batch Number delineate the selection within that Remote ID.

Batch Id: (Optional)

This value is the Batch ID from the Communications subsystem. Batch ID cannot be used at the same time as Starting and Ending Batch Number.

Request Allowed: (Optional)

A 1-position alphanumeric field used to set the Communication Control file requestable status flag. Valid values are:

Y = Communication Control file requestable status flag On.
N = Communication Control file requestable status flag Off.

Delete: (Optional)

A 1-position alphanumeric field used to set the Communication Control file delete status flag. Valid values are:

- Y = Communication Control file delete status flag On.
- N = Communication Control file delete status flag Off.

Transmit Done: (Optional)

A 1-position alphanumeric field used to set the Communication Control file transmit status flag. Valid values are:

- Y = Communication Control file transmit status flag On.
- N = Communication Control file transmit status flag Off.

Extracted: (Optional)

A 1-position alphanumeric field used to set the Communication Control file extracted status flag. Valid values are:

- Y = Communication Control file extracted status flag On.
- N = Communication Control file extracted status flag Off.

Multiple Transmission: (Optional)

A 1-position alphanumeric field used to set the Communication Control file multiple transmit status flag. Valid values are:

- Y = Communication Control file multiple transmit status flag On.
- N = Communication Control file multiple transmit status flag Off.

BISYNC Line Maintenance Screen

EDIM414

Purpose

The BISYNC Line Maintenance screen enables you to attach up to 10 BISYNC communications lines to a List Name.

Note: The Line Ids listed on this screen must match the Line Ids defined in the Connect User Assembly.

The BISYNC Line Maintenance screen is used by the Options Definition File Creation program (EBDI020) to tie specific lines to specific auto connects, as described in the following paragraphs.

Switched (Dial) Lines:

EBDI020 generates the parameter LINES= in the *CONNECT section of the Options Definition file for each Line Id defined on this screen.

Non-Switched (Leased) Lines:

Only one Line Id on this screen can be coded for a profile that is defined as BISYNC Non-switched. EBDI020 generates the parameter LINEID= on the Remote record in the *CONNECT section of the Options Definition file.

How to Access

Access the BISYNC Line Maintenance screen in one of the following ways:

- From the Communication Session Maintenance Selection Menu, type **3** to select Communication Line Maintenance, and press **Enter**.
- From the BISYNC Communications Profile screen, press **PF6=LineMnt**.
- Type **6.6.3** in the Jump Code field of any screen, and press **Enter**.

Screen Example

The following illustrates the BISYNC Line Maintenance screen.

```

EDIM414 6.6.3_____ BISYNC LINE MAINTENANCE          XXX 12/01/2005
                                                    12:00:00

Remote Id.: TEST_____ List Name.: TESTL_____

Line Id      Description
_____  
_____  
_____  
_____  
_____  
_____  
_____  
_____  
_____  
_____  
_____

Last Update Date: 12/01/05 Time: 12:00:00 User: XXX

Enter PF1=Help          PF3=Exit PF4=Profile
                        PF10=Updt
  
```

Screen Actions

The following table describes the screen action of the BISYNC Line Maintenance screen, and gives instructions on performing the action.

To perform this action ...	Associated with this screen action ...	Do this ...
View an existing BISYNC line profile definition.	n/a	Enter the Remote ID and the List Name and press Enter .

Note: When viewing or updating data in the BISYNC profile, the value in the Division field is compared to the value in the Division field on the Remote file. If they do not match, or the division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF4=Profile: Transfers to the BISYNC Communications Profile screen.

PF10=Uprt: Updates the communication profile record for all 10 occurrences of Line ID/Description

Field Descriptions

Note: The following Required fields are required only when you use this screen; if you leave the BISYNC Line Maintenance screen blank, no fields are required.

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Remote Id: (Required)

An 8-position alphanumeric field. This value is the same as the Communications subsystem Remote ID, and is part of the key to the Remote and Communication Profile files.

List Name: (Required)

An 8-position alphanumeric field used as the identifier for auto connects. This value also is part of the key to the Communication Profile and Remote files.

The following fields occur 10 times on the screen:

Line Id: (Required)

An 8-position alphanumeric field. This value is the ID in the linked user assembly for the BISYNC line.

Description: (Optional)

A 60-position alphanumeric field. This field contains a literal description of the line, used primarily for documentation purposes.

Last Update Date (Protected)

An 8-position field that displays the date on which the information on this screen was created or last changed. The date format is MM/DD/YY.

Last Update Time (Protected)

An 8-position field that displays the time at which the information on this screen was created or last changed. The time format is HH:MM:SS.

Last Update User (Protected)

A 3-position field that displays the initials of the user who created or last changed the information on this screen.

Holiday Processing Schedule Screen

EDIM415

Purpose

The Holiday Processing Schedule screen defines the communication holiday processing schedule.

You can designate holidays, both specific and global (year=XXXX) for which you don't want connect schedules to be generated. The system enables you to schedule around holidays when no business is transacted using a one-time procedure that can be completed at any time. This screen also may be used as an inquiry screen.

How to Access

Access the Holiday Processing Schedule screen in either of the following ways:

- From the Plus Main Menu, type **7** to select Communication Holiday Schedule Maintenance, and press **Enter**.
- Type **6.7** in the Jump Code field of any screen, and press **Enter**.

Screen Example

The following illustrates the Holiday Processing Schedule screen.

```

Add Delete Update
EDIM415 6.7_____ HOLIDAY PROCESSING SCHEDULE          XXX 12/01/2005
                                                    12:00:00

Action   Holiday
         Date      Description
-        0101XXXX  NEW_YEARS_DAY_____
-        05292006  MEMORIAL_DAY_____
-        0704XXXX  FOURTH_OF_JULY_____
-        09042006  LABOR_DAY_____
-        11232006  THANKSGIVING_____
-        11242006  DAY_AFTER_THANKSGIVING_____
-        1225XXXX  CHRISTMAS_____
-        _____
-        _____
-        _____

END OF HOLIDAYS
Enter PF1=Help          PF3=Exit
      PF7=Bwd  PF8=Fwd
    
```

Screen Actions

The screen actions are displayed on the top line of the Holiday Processing Schedule screen. The following table describes each screen action and gives instructions on performing the actions.

To perform this function...	Associated with this screen action ...	Do this ...
Add new holiday schedule definitions.	Add	Enter the required data, type A in the Action (Action Code) field, then press Enter .
Delete existing holiday schedule definitions.	Delete	Type D in the Action (Action Code) field next to the holiday you want to delete, then press Enter .
Update existing holiday schedule definitions.	Update	Enter the required data, type U in the Action (Action Code) field, then press Enter .

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

Field Descriptions

Note: The following Required fields are required only if this screen is used. If you leave the Holiday Processing Schedule screen blank, no fields are required.

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Action (Action Code): (Optional)

A 1-position alphanumeric field. Valid values are:

- A = Add a new holiday schedule record.
- D = Delete this holiday schedule record.
- U = Update the description of this holiday schedule record.

See the Screen Actions table previously in this section for additional information on performing the actions.

Holiday Date: (Required)

A 6-position alphanumeric field indicating the date on which option file creation connect records are to be by-passed. The field is date validated in the format MMDDYYYY, with the addition of format XXXX indicating the year for recurring dates that remain the same every year (e.g. December 25 in the format 1225XXXX, as Christmas).

Description: (Optional)

A 60-position alphanumeric field. This value is a literal description of the holiday date, used primarily for documentation purposes.

Communications List Report Screen

EDIM416

Purpose

The Communications List Report screen enables you to submit batch report jobs for a printout of the Communication Control file.

The Communications List report is produced by a batch job that is submitted to the internal reader for processing. The output from this job is routed according to the job card provided on the JCL. The JCL for this job was edited for your site during the Gentran:Plus installation procedure. For more information about the Communications List report, see the LIST function in the “Offline Utilities” chapter of the *Connect:Enterprise OS/390 User’s Guide*.

Note: To help identify the output from this job, the job card is examined for ###. If present, then the ### is replaced with the user’s initials from their security profile.

How to Access

Access the Communications List Report screen in one of the following ways:

- From the Communications Maintenance Utility Menu, type **3** to select Communication List Report, and press **Enter**.
- Type **L** in the A (Action Code) field next to the batch for which you want to run a list report on the Interchange Status screen, then press **PF5=Next**.
- Type **6.8.3** in the Jump Code field of any screen, and press **Enter**.

Screen Example

The following illustrates the Communications List Report screen.

```

EDIM416 6.8.3_____ COMMUNICATIONS LIST REPORT          XXX      12/01/2005
                                                    12:00:00

Mailbox Id.....: TESTBSC_

To Date.....: _____      From Date.....: _____

To Time.....: _____      From Time.....: _____

PF1=Help          PF3=Exit PF4=Intchg Sta
                  PF9=Sub
  
```

Screen Actions

The following table describes the screen action of the Communications List Report screen, and gives instructions on performing the action.

To perform this action ...	Associated with this screen action ...	Do this ...
Add or submit a job for processing.	n/a	Enter the required data, and press PF9 .

Note: When you submit a report job, the value in the Division field is compared to the value in the Division field on the Remote file. If they do not match, or the division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF4=Intchg Sta: Transfers to the Interchange Status screen.

PF9=Sub: Submits requested report based on your selected parameters.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Mailbox Id: (Required)

An 8-position alphanumeric field that identifies the Communications Remote ID for the generated report. This field is required only when the user's division code is not equal to 000.

To Date: (Optional)

An 8-position alphanumeric field indicating the last date on which the report is to list control data. This field's primary function is to limit the size of the report to a pertinent time frame. The valid format is MM/DD/YYYY.

From Date: (Optional)

An 8-position alphanumeric field indicating the first date on which the report is to list control data. This field's primary function is to limit the size of the report to a pertinent time frame. The valid format is MM/DD/YYYY.

To Time: (Optional)

A 5-position alphanumeric field indicating the last time when the report is to list control data. This field's primary function is to limit the size of the report to a pertinent time frame. The valid format is HH:MM. This field is used in conjunction with the To Date field.

From Time: (Optional)

A 5-position alphanumeric field indicating the first time when the report is to list control data. This field's primary function is to limit the size of the report to a pertinent time frame. The valid format is HH:MM. This field is used in conjunction with the From Date field.

Communications Log Report Screen

EDIM417

Purpose

The Communications Log Report screen enables you to submit batch report jobs, including the new FTP Auto Connect Detail report, for a printout of the Communication History Log file.

The Communications Log report is produced by a batch job that is submitted to the internal reader for processing. The output from this job is routed according to the job card provided on the JCL. The JCL for this job was edited for your site during the Gentran:Plus installation procedure. For more information about the Communications Log report, see the REPORT function in the “Offline Utilities” chapter of the *Connect:Enterprise OS/390 User’s Guide*.

Note: To help identify the output from this job, the job card is examined for ###. If present, then the ### is replaced with the user’s initials from their security profile.

How to Access

Access the Communications Log Report screen in one of the following ways:

- From the Communications Maintenance Utility Menu, type **2** to select Communication Log Report, and press **Enter**.
- Press **PF5=LogRpt** from the Auto Connect History Screen.
- Press **PF5=LogRpt** from the Remote Connect History Screen.
- Type **6.8.2** in the Jump Code field of any screen, and press **Enter**.

Screen Example

The following illustrates the Communications Log Report screen.

```

EDIM417 6.8.2_____ COMMUNICATIONS LOG REPORT          XXX      12/01/2005
                                                12:00:00

Type.....: _ (Auto Connect, Remote Connect)
Level.....: _ (Detail, Summary)
To Date.....: _____ From Date.....: _____
To Time.....: _____ From Time.....: _____

Completion.....: _ (All, Successful, Failure)
Batch Type.....: ___ (ALL, TRANsmitted, COLlected, STArt, CONnect,
                    DIS-connect, END, LOG)
Function Type...: ___ (ALL, CONnect, DIS-connect, ADD, REQuest, DElete,
                    DIRectory, NOAdd, SIGnon)
Protocol Type...: _ (BSC, SNA, FTP)  SSL.....: _ (Y, N)

PF1=Help          PF3=Exit PF4=History
                  PF9=Sub
  
```

Screen Actions

The following table describes the screen action of the Communications Log Report screen, and gives instructions on performing the action.

To perform this action ...	Associated with this screen action ...	Do this ...
Add or submit a job for processing.	n/a	Enter the required data, and press PF9=Sub .

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF4=History: Transfers either to the Auto Connect History screen or the Remote Connect History screen, depending on how you entered the Communications Log Report screen.

PF9=Sub: Submits the requested report based on your selected parameters.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Type: (Required)

A 1-position alphanumeric field indicating whether to print auto connect or remote connect data. Valid values are:

A	=	Print auto connect data.
R	=	Print remote connect data.

Level: (Required)

A 1-position alphanumeric field indicating the format in which to print the data. Valid values are:

D	=	Print each log record in a detail report.
S	=	Summarize the data for the connections.

To Date: (Optional)

A 10-position alphanumeric field indicating the last date on which the report is to list connect data. This field's primary function is to limit the size of the report to a pertinent time frame. The valid format is MM/DD/YYYY.

From Date: (Optional)

A 10-position alphanumeric field indicating the first date on which the report is to list connect data. This field's primary function is to limit the size of the report to a pertinent time frame. The valid format is MM/DD/YYYY.

To Time: (Optional)

A 5-position alphanumeric field indicating the last time when the report is to list connect data. This field's primary function is to limit the size of the report to a pertinent time frame. The valid format is HH:MM. This field is used in conjunction with the To Date field.

From Time: (Optional)

A 5-position alphanumeric field indicating the first time when the report is to list connect data. This field's primary function is to limit the size of the report to a pertinent time frame. The valid format is HH:MM. This field is used in conjunction with the From Date field.

Completion: (Optional)

A 1-position alphanumeric field used to limit printed data according to certain connection characteristics. Valid values are:

- A = Print all data for this Remote ID.
- S = Print all successful connections for this Remote ID.
- F = Print all failed connections for this Remote ID.

Note: This field is only accepted if the Type is Auto Connect or Remote Connect and the Level is Detail.

Batch Type: (Optional)

A 3-position alphanumeric field indicating the type of batches to report. Valid values are:

- ALL = All batches are reported.
- TRA = Outbound transmitted batches are reported.
- COL = Inbound collected batches are reported.
- STA = FTP session start log records are reported.
- CON = FTP client connect log records are reported.
- DIS = FTP client disconnect log records are reported.
- END = FTP session end log records are reported.
- LOG = FTP user log records are reported.

Note: This field is only accepted if the Type is Auto Connect and the Level is Detail.

Function Type: (Optional)

A 3-position alphanumeric field used to limit printed data according to certain characteristics. Valid values are:

- ALL = Print all connect functions for this Remote ID.
- CON = Print all connect sessions for this Remote ID.
- DIS = Print all disconnect sessions for this Remote ID.
- ADD = Print all add commands for this Remote ID.
- REQ = Print all request commands for this Remote ID.
- DEL = Print all delete commands for this Remote ID.
- DIR = Print all directory commands for this Remote ID.
- NOA = Print all no add commands for this Remote ID.
- SIG = Print all signon commands for this Remote ID.

Note: This field is only accepted if the Type is Remote Connect and the Level is Detail.

Protocol Type: (Optional)

A 1-position alphanumeric field indicating the protocol to be reported. Valid values are:

- B = Only BISYNC records will be reported.
- S = Only SNA records will be reported.
- F = Only FTP records will be reported.

Note: This field is only accepted if the Type is Remote Connect and the Level is Detail or Summary.

Protocol Type: (Optional)

A 1-position alphanumeric field indicating the protocol to be reported. Valid values are:

- B = Only BISYNC records will be reported.
- S = Only SNA records will be reported.
- F = Only FTP records will be reported.

Note: This field is only accepted if one of the following sets of conditions is true:

- The Type is Remote Connect and the Level is Detail or Summary
- The Type is Auto Connect and the Level is Detail when the Protocol Type is FTP.

SSL: (Optional)

A 1-position alphabetic field indicating whether to report secure or non-secure sessions. Valid values are:

- N = Default. Report only non-secure sessions.
- Y = Report only secure sessions.

Note: This field is only accepted if the Type is Remote Connect and the Level is Detail or Summary.

Auto Connect History User Log Message Screen

EDIM418

Purpose

The Auto Connect History User Log Message screen is new with Release 6.4. It displays the complete text of a User Log record.

How to Access

Access the Auto Connect History User Log Message screen from the Auto Connect History screen (EDIM411) by typing **u** in the A (Action Code) field to select a batch and pressing **PF5=LogRpt**.

Screen Example

The following illustrates the Auto Connect History User Log Message screen.

```

EDIM418 _____          AUTO CONNECT HISTORY          XXX 12/01/2005
                               USER LOG MESSAGE          12:00:00

Remote Id.: D-FTPSRV          List Name: L-FTPSRV
Status....: UL S              Count....:
From Date.: 12/01/05 Time.: 12:00 End Date.: 12/01/05 Time.: 12:00
Batch #...:                   Batch ID.:

User Log Text:
_____  

_____  

_____  

_____  

_____  

_____  

_____

Enter PF1=Help          PF3=Exit PF4=Prev

```

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF4=Prev: Returns to the Auto Connect History screen.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See “Jump Codes” on page 3-3 for further information on using jump codes.

Remote Id: (Protected)

An 8-position alphanumeric field. This value is the same as the Communications subsystem Remote ID and is part of the key to the Communication Profile and Remote files.

List Name: (Protected)

An 8-position alphanumeric field used as the identifier for auto connects. This value is part of the key to the Communication Profile and Remote files.

Status: (Protected)

A 6-position alphanumeric field indicating the status of the connection. If the connection failed, the Communications subsystem failure code is specified. Valid values are:

S	=	Successful connection.
F	=	Failed connection.
UL	=	User log.

Count: (Protected)

An 8-position numeric field. For data transmissions, Count is the number of records sent to the remote site. For data collections, Count is the number of blocks received from the remote site.

From Date: (Protected)

An 8-position alphanumeric field indicating the date on which the auto connect started. The valid format is MM/DD/YY.

From Time: (Protected)

A 5-position alphanumeric field indicating the time when the auto connect started. The valid format is HH:MM.

End Date: (Protected)

An 8-position alphanumeric field indicating the date on which the auto connect completed. The valid format is MM/DD/YY.

End Time: (Protected)

A 5-position alphanumeric field indicating the time when the auto connect completed. The valid format is HH:MM.

Batch Number: (Protected)

A 7-position numeric field that displays the batch number on the screen. This value is the Communications subsystem assigned Batch Number.

Batch ID: (Protected)

A 24-position alphanumeric field that displays the Batch ID for the batch.

User Log Text: (Protected)

A 490-position alphanumeric field that displays the complete text of the User Log record.

ID List Maintenance Screen

EDIM419

Purpose

The ID List Maintenance screen maintains ID List/End List IDs that are transmitted to a remote site during an auto connect.

See the “Options Definition File” chapter of the *Connect:Enterprise OS/390 Installation Guide* for additional information about using Begin List, ID List, and End List.

How to Access

Access the ID List Maintenance screen in one of the following ways:

- Access the ID List Maintenance screen from the Transmission Schedule screen by pressing **PF5=IDList**.
- Type **6.6.4** in the Jump Code field of any screen, and press **Enter** to access the Transmission Schedule screen. Press **PF5=IDList** to access the ID List Maintenance screen.

Screen Example

The following illustrates the ID List Maintenance screen.

```

EDIM419 _____ ID LIST MAINTENANCE XXX 12/01/2005
                                           12:00:00

Remote Id: D-SNA__ List Name: D-SNAL__

Begin List: _____

ID List:  _____
          _____
          _____
          _____
          _____

End List:  _____

Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help          PF3=Exit PF4=Schedule
                        PF10=Updt
  
```

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF4=Schedule: Redisplays the Transmission Schedule screen.

PF10=Updt Updates the Communications Profile file with the current information contained on the screen.

In addition, updates can also be dynamically applied to Connect. So pressing **PF10** will display the message “PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS”. Pressing **PF10** again will update the Communications Profile file and then dynamically update Connect. Pressing **Enter** will only update the Communications Profile file.

Field Descriptions

Note: The following Required fields are required only if this screen is used. If you leave the ID List Maintenance screen blank, no fields are required.

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. If a screen has a jump code, the screen’s jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See “Jump Codes” on page 3-3 for further information on using jump codes.

Remote Id: (Required)

An 8-position alphanumeric field. This value is the Communications subsystem Remote ID and is part of the key to the Communication Profile and Remote files.

List Name: (Required)

An 8-position alphanumeric field used as the identifier for auto connects. This value is part of the key to the Communication Profile and Remote files.

Begin List: (Optional)

An 8-position alphanumeric field that is valid only when accompanied by an ID list value. Transmittable batches identified by Begin List value are transmitted before ID list batches are sent, and only if at least one ID list batch actually was transmitted.

Options Definition file: *CONNECT – Remote Record
Parameter: BEGINLIST=

ID List: (Required)

Twenty, 8-position alphanumeric fields used to designate a list of specific batches to be transmitted to a remote site during an auto connect. If you do not use this option, only batches that match the Remote ID and List Name values are transmitted to the remote site.

Options Definition file: *CONNECT – Remote Record

Parameter: IDLIST=

End List: (Optional)

An 8-position alphanumeric field that is valid only when accompanied by an ID List value. Transmittable batches identified by End List value are transmitted after ID List batches are sent, and only if at least one ID List batch actually was transmitted.

Options Definition file: *CONNECT – Remote Record

Parameter: ENDLIST=

Last Update Date (Protected)

An 8-position field that displays the date on which the information on this screen was created or last changed. The date format is MM/DD/YY.

Last Update Time (Protected)

An 8-position field that displays the time at which the information on this screen was created or last changed. The time format is HH:MM:SS.

Last Update User (Protected)

A 3-position field that displays the initials of the user who created or last changed the information on this screen.

FTP Client Communication Profile Screen

EDIM420

Purpose

The FTP Client Communication Profile screen defines the FTP communication profile fields and also can be used as an inquiry screen. These characteristics will be used by the Options Definition File Creation Program (EBDI020) when building the parameters for FTP Client remotes in the *REMOTES section of the ODF. From this screen, you can transfer to the FTP Client Communication Ports screen.

How to Access

Access the FTP Client Communication Profile screen in one of the following ways:

- You access the FTP Client Communication Profile screen from the Communication Profile screen (EDIM406) by pressing **PF5=Protocol**.
- Type **6.6.2** in the Jump Code field of any screen, and press **Enter** to access the Communication Profile screen. Follow the requirements in the bullet above.

Screen Example

The following illustrates the FTP Client Communication Profile screen.

```

EDIM420 _____ FTP CLIENT COMMUNICATION PROFILE          XXX 12/01/2005
                                                12:00:00

Remote Id: D-FTPCLI

Batch Separation.....: _ (Blank/3/4)          One Batch.....: _ (Y/N)
Dir Form.....: _____ (1/2/3/4/MIBNSDF) EDI.....: _ (Y/N)
Disconnect Interval....: _____ (Seconds)
Remote File Name Length.: _ (L/S)
SSL Policy.....: _ (R/O/D)          KIRN.....: _ (Y/N)
SSL CCC Policy.....: _ (R/O/D)      RIFS.....: _ (Y/N)
SSL Client Auth Policy..: _ (R/O/D)  Scan.....: _ (Y/N/A)
Translate Table Name....: _____
Dir Filter.....: _____          Encrypted.....: _ (Y)
Ls Filter.....: _____          Encrypted.....: _ (Y/N)
Receive Options:
Extract Once.....: _ (Y/N)          Transmit Once.: _ (Y/N)
Rename.....: _ (B/F/L)             Multixmit.....: _ (Y/N)
Xmit.....: _ (Y/N)
User Batch ID.....: _____

Enter PF1=Help          PF3=Exit PF4=Profile          PF6=Ports
                        PF10=Updt                PF14=Info

```

Screen Actions

The following table describes each screen action of the FTP Client Communication Profile screen, and gives instructions on performing the action.

To perform this action ...	Associated with this screen action ...	Do this ...
View existing FTP Client Communication profile definitions.	n/a	Enter the Remote ID and press Enter .
Update existing FTP Client Communication profile definitions.	n/a	Enter the required data and press PF10 .

Note: When viewing, updating, or deleting data on this screen, the value in the Division field is compared to the value in the Division field on the Remote file. If they do not match, or your division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF4=Profile	Exits to the Communications Profile.
PF6=Ports	Transfers to the FTP Client Communication Ports screen.
PF10=Updt	Updates the Communications Profile record on both the Communication Profile and Remote files. In addition, updates can also be dynamically applied to Connect. Pressing PF10 displays the message "PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS". Pressing PF10 again updates the Communications Profile and Remote files and then dynamically updates Connect. Pressing Enter only updates the Communications Profile and Remote files.
PF14=Info	Displays the date, time, and user initials on the message line, that indicate when the information on this screen was created or last changed.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Remote Id: (Required)

An 8-position alphanumeric field. This value is the same as the Communications subsystem Remote ID and is part of the key to the Communication Profile and Remote files.

To specify a generic remote name use 1-7 characters followed by an asterisk (*). For example, RMT*.

Options Definition File: *REMOTES

Parameter: NAME=

Batch Separation: (Optional)

A 1-position alphanumeric field that specifies the method, if any, by which batches are separated within a transmission and the NLST responses. Valid values are:

- space = Blank. Default value. Multiple batches are concatenated and sent as a single batch. The transmit flag is set after the last record for a batch is transmitted. NLST responses will display a single entry for multiple occurrences of the same User Batch ID.
- 3 = Multiple batches are concatenated and sent as a single batch. The transmit flag is set after the last batch is transmitted. Any failure will prevent setting the transmit flag so all batches are available for retransmission. NLST responses will display a single entry for multiple occurrences of the same User Batch Id, same as BCHSEP=NONE.
- 4 = Multiple batches are concatenated and sent as a single batch. The transmit flag is set after the last record for a batch is transmitted, same as BCHSEP=NONE. NLST responses will display multiple occurrences of the same User Batch Id.

Note: Batch Separation may have an effect on Remote File Name Length.

Options Definition File: *REMOTES

Parameter: BCHSEP=

One Batch: (Optional)

A 1-position alphabetic field indicating whether multiple batches are transmitted to a remote.

- Y = Only the first eligible batch is transmitted.
- N = Default. All eligible batches will be transmitted.

Options Definition File: *REMOTES

Parameter: ONEBATCH=

Dir Form: (Optional)

A 1 to 7-position alphanumeric field indicating the format of responses to the LIST command. Specify one of the following numbers or a string of one or more letters. Numbers and letters cannot be specified together.

- 1 = Batch list in format supported by a browser.
- 2 = Batch list in format supported by C:E Client for Windows, Web Access Option, and C:E UNIX HTTP Option.
- 3 = Batch list in the \$\$DIR format. This is the default value.
- 4 = Batch list in the format supported by UNIX.

The following letters can be specified in any order or combination to create a user defined directory format. The letters cannot be specified with the above numbers.

- M = Remote ID or Mailbox ID
- I = User batch ID
- B = User batch ID displayed as BID=
- N = 7-digit batch number, displayed as #nnnnnnn
- S = 8-digit file size in bytes, displayed as CT=nnnnnnnn
- D = Creation time and date of the batch, displayed as hhmm-yyddd
- F = Status flags of the batch

Note: Updates to this field can only be applied to Connect if the new value is 1, 2, 3, or 4. The updating of alpha values is not supported.

Options Definition File: *REMOTES

Parameter: DIRFORM=

EDI: (Optional)

A 1-position alphabetic field that enables you to define whether single byte hex-15 segment terminators are used. Valid values are:

- Y = Yes, use single byte hex-15 terminators.
- N = No, do not use single byte hex-15 terminators. This is the default value.

Options Definition File: *REMOTES

Parameter: EDI=

Disconnect Interval: (Optional)

A 4-position numeric field that defines the number of seconds of inactivity that Connect should wait before disconnecting the session. Cannot exceed 3600 seconds.

Note: The FTP_DEFAULT_DISCINTV value, if specified, takes precedence over the DISCINTV value.

Options Definition File: *REMOTES

Parameter: DISCINTV=

Remote File Name Length: (Optional)

A 1-position alphabetic field that enables you to define the format of the file name for responses to the NLST command.

- L = Long. Default. Names are composed of the 1-24 character User Batch Id followed by the 7-digit batch number.
- S = Short. Names are composed of the 7-digit batch number followed by the letters '.dat'.

Note: This parameter is only effective if Batch Separation is 4. If Batch Separation is not 4, responses to NLST contain only the User Batch Id.

Options Definition File: *REMOTES

Parameter: REMOTE_FILENAME_LENGTH=

SSL Policy: (Optional)

A 1-position alphabetic field that enables you to define the SSL requirements for this remote.

- R = SSL is Required when using this remote.
- O = Default. SSL usage is Optional for this remote.
- D = SSL is Disallowed for use with this remote.

Options Definition File: *REMOTES

Parameter: SSL_POLICY=

KIRN: (Optional)

A 1-position field that indicates if Connect is to keep the record separator string and store data as record oriented. Valid values are:

- space = blank. Default comes from FTP_DEFAULT_KIRN setting in the *OPTIONS record.
- N = No. Connect is to remove the record separator string after recording the batch.
- Y = Yes. The record separator strings are kept in the batch.

Option Definition File: *REMOTES

Parameter: KIRN=

SSL CCC Policy: (Optional)

A 1-position alphabetic field that enables you to define the SSL CCC requirements for this remote. Valid values are:

- R = Required, the CCC command must process before any data port operation can be attempted.
- O = Optional, the CCC command is honored if received.
- D = Disallowed, the CCC command is not honored. This is the default.

Options Definition File: *REMOTES

Parameter: SSL_CCC_POLICY=

RIFS: (Optional)

A 1-position field that indicates if Connect is to change a batch that has been stored as a file structure to a record structure. Valid values are:

- space = blank. Default comes from FTP_DEFAULT_RIFS setting in the *OPTIONS record.
- N = No. Connect is to retain the file structure of the batch and does not recognize record separator strings in SFA or SFE batches.
- Y = Yes. Connect if to recordize the batch after recognizing a record separator string and uses CRLF for SFA batches and NL for SFE batches.

Option Definition File: *REMOTES

Parameter: RIFS=

SSL Client Auth Policy: (Optional)

A 1-position alphabetic field that enables you to define the Client SSL requirements for this remote. Valid values are:

- R = SSL is Required when using this remote.
- O = Default. SSL usage is Optional for this remote.
- D = SSL is Disallowed for use with this remote.

Options Definition File: *REMOTES

Parameter: SSL_CLIENT_AUTH_POLICY=

Scan: (Optional)

A 1-position field that indicates if Connect is to scan received batches for \$\$ commands. Valid values are:

- N = No. Scanning is not enabled.
- Y = Yes. Scanning is enabled initially. To keep scanning \$\$ADD card must contain SCAN=YES parameter.
- A = All. Scanning is enabled for the entire batch unless \$\$ADD card contain SCAN=NO parameter.

Option Definition File: *REMOTES

Parameter: SCAN=

Translate Table Name: (Optional)

A 1 to 8-position alphanumeric field indicating the name of the translate table to be used for data sent and received from this remote.

STANDARD = Default.

Options Definition File: *REMOTES

Parameter: TRANSLATE=

Dir Filter: (Optional)

A 1 to 17-position alphanumeric field used to specify batch status flags to be excluded from LIST output returned to this remote. Refer to the *Connect:Enterprise OS/390 User's Quick Reference* for a description of the flag values. Any of the flags can be specified except for the lower case "e" Encrypted flag which is specified in the following Encrypted field.

D = Default. Batches with status flag D are excluded from LIST output.

Options Definition File: *REMOTES

Parameter: DIR_FILTER=

Encrypted: (Optional)

A 1-position alphabetic field used to specify the encrypted flag on the Dir Filter field. The Encrypted Batch Status Flag cannot be specified in the Dir Filter field because it is a lower case "e" which is not normally supported by CICS terminal definitions.

Y = Exclude encrypted batches from LIST output.

Options Definition File: *REMOTES

Parameter: DIR_FILTER=e

Ls Filter: (Optional)

A 1 to 17-position alphanumeric field used to specify batch status flags to be excluded from NLST output returned to this remote. A logical not (!) can be specified in front of particular flags to not excluded them. Refer to the *Connect:Enterprise OS/390 User's Quick Reference* for a description of the flag values.

BDI!RST = Default. Batches with status flag B, D, I, S and T, but not R, are excluded from NLST output.

Options Definition File: *REMOTES

Parameter: LS_FILTER=

Encrypted: (Optional)

A 1-position alphabetic field used to specify the encrypted flag on the Ls Filter field. The Encrypted Batch Status Flag cannot be specified in the Ls Filter field because it is a lower case "e" which is not normally supported by CICS terminal definitions.

Y = Exclude encrypted batches from NLST output.

N = Do not exclude encrypted batches from NLST output.

Options Definition File: *REMOTES

Parameter: LS_FILTER=e|!e

Receive Options

The following parameters are used to specify the default options for any inbound batches received on this remote.

Extract Once: (Optional)

A 1-position alphabetic field used to specify that inbound batches are to be flagged as Extract Once.

- N = Default. Batches received on this remote are not flagged as Extract Once.
- Y = Batches received on this remote can only be extracted one time. Following extract the batch is locked from extract.

Options Definition File: *REMOTES

Parameter:RECEIVE_OPTIONS=(EO=NO|YES)

Transmit Once: (Optional)

A 1-position alphabetic field used to specify that inbound batches received from this remote are to be flagged with the Transmit Only status.

- N = Default. Batches received on this remote will not be flagged as Transmit Only.
- Y = Batches received on this remote will be flagged with the Transmit Only batch status flag.

Options Definition File: *REMOTES

Parameter:RECEIVE_OPTIONS=(TO=NO|YES)

Rename: (Optional)

A 1-position alphabetic field used to specify how to handle a filename returned by the STOR command that is larger than 24 bytes. Valid values are:

- B = BID. Replace any filename over 24 bytes with the value specified in the RECEIVE_OPTIONS.
- F = FIRST24. Truncate the filename.
- L = LAST24. Use the last 24 bytes of the filename.

Options Definition File: *REMOTES

Parameter:RECEIVE_OPTIONS=(RENAME=BID|FIRST24|LAST24)

Multixmit: (Optional)

A 1-position alphabetic field used to specify that inbound batches are to be flagged as multiple transmit.

- N = Default. Batches received on this remote will not be flagged as multiple transmit.
- Y = Batches received on this remote will be flagged with the multiple transmit batch status flag.

Options Definition File: *REMOTES

Parameter:RECEIVE_OPTIONS=(MULTXMIT=NO|YES)

Xmit: (Optional)

A 1-position alphabetic field used to specify that inbound batches received from this remote are to be flagged with the Transmit status.

- N = Default. Batches received on this remote will not be flagged as Transmittable.
- Y = Batches received on this remote will be flagged as Transmittable.

Options Definition File: *REMOTES

Parameter:RECEIVE_OPTIONS=(XMIT=NO|YES)

User Batch ID: (Optional)

A 1 to 24-position alphanumeric field used to specify the User Batch ID for inbound batches received from this remote if stored using the STOU command. Do not specify quotes in this field.

- NONE = Default. Any batch received using the STOU will have the User Batch ID of NONE if User Batch ID is not specified.

Note: This parameter only affects batches received using the STOU command.

Options Definition File: *REMOTES

Parameter:RECEIVE_OPTIONS=(BID='NONE'|'24 byte string')

Last Update Date (Protected)

An 8-position field that displays the date on which the information on this screen was created or last changed. The date format is MM/DD/YY.

Last Update Time (Protected)

An 8-position field that displays the time at which the information on this screen was created or last changed. The time format is HH:MM:SS.

Last Update User (Protected)

A 3-position field that displays the initials of the user who created or last changed the information on this screen.

FTP Client Communication Ports Screen

EDIM421

The FTP Client Communication Ports screen complements the FTP Client Communications Profile screen (EDIM420) to allow the specification of port parameters for FTP Client definitions.

Purpose

The FTP Client Communication Ports screen defines the FTP communication profile fields and also can be used as an inquiry screen. These characteristics will be used by the Options Definition File Creation Program (EBDI020) when building the parameters for FTP Client remotes in the *REMOTES section of the ODF.

How to Access

Access the FTP Client Communication Ports screen from the FTP Client Communication Profile screen (EDIM420) by pressing **PF6=Ports**.

Screen Example

The following illustrates the FTP Client Communication Ports screen.

```

EDIM421 _____ FTP CLIENT COMMUNICATION PORTS      XXX 12/01/2005
                                                    12:00:00

Remote Id: D-FTPCLI

FTP Port Retries.....: __ (0-99)
FTP Port Retry Wait Time.: __ (0-180 seconds)
FTP Data Port Ranges.....: _____ - _____ (Low - High or L-1)
                           _____ - _____ (Low - High)
                           _____ - _____ (Low - High)
                           _____ - _____ (Low - High)
                           _____ - _____ (Low - High)

Last Update Date: 12/01/05  Time: 12:00:00  User: XXX

Enter PF1=Help          PF3=Exit PF4=Profile
                        PF10=Updt
  
```

Screen Actions

The following table describes each screen action of the FTP Client Communication Ports screen, and gives instructions on performing the action.

To perform this action ...	Associated with this screen action ...	Do this ...
View existing FTP Client Communication Ports definitions.	n/a	Enter the Remote ID and press Enter .
Update existing FTP Client Communication Ports definitions.	n/a	Enter the required data and press PF10 .

Note: When viewing, updating, or deleting data on this screen, the value in the Division field is compared to the value in the Division field on the Remote file. If they do not match, or your division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF4=Profile: Returns to the FTP Client Communication Profile screen.

PF10=Updt: Updates the Communications Profile record on both the Communication Profile and Remote files.

In addition, updates can also be dynamically applied to Connect. Pressing **PF10** displays the message **PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS**. Pressing **PF10** again updates the Communications Profile and Remote files and then dynamically updates Connect. Pressing **Enter** only updates the Communications Profile and Remote files.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Remote Id: (Required)

An 8-position alphanumeric field. This value is the same as the Communications subsystem Remote ID and is part of the key to the Communication Profile and Remote files.

To specify a generic remote name, use 1-7 characters followed by an asterisk (*). For example, RMT*.

Options Definition File: *REMOTES

Parameter: NAME=

FTP Port Retries: (Optional)

A 2-position numeric field used to specify how many times a connection attempt is made for each port in the defined range or ranges. Valid values are 0 through 99.

Options Definition File: *REMOTES

Parameter: FTP_PORT_RETRIES=

FTP Port Retry Wait Time: (Optional)

A 3-position numeric field used to specify the number of seconds the server waits between connection attempts. Valid values are 0 through 180.

Options Definition File: *REMOTES

Parameter: FTP_PORT_RETRY_WAIT_TIME=

FTP Data Port Ranges: (Optional)

Ten, 5-position alphanumeric fields used to specify the data ports that the Connect FTP Server uses to transfer data to a remote FTP Client. Valid values are:

- Up to five ranges of port numbers (from 1-65535). Each range contains the lowest to the highest port numbers available in that range. Setting the same value in both the low and high fields designates a single port.
- The special value 'L-1' in the first field with the other fields blank. This sets the data port to the logon listen port number minus one.

Options Definition File: *REMOTES

Parameter: FTP_DATA_PORT_RANGE=

Last Update Date (Protected)

An 8-position field that displays the date on which the information on this screen was created or last changed. The date format is MM/DD/YY.

Last Update Time (Protected)

An 8-position field that displays the time at which the information on this screen was created or last changed. The time format is HH:MM:SS.

Last Update User (Protected)

A 3-position field that displays the initials of the user who created or last changed the information on this screen.

FTP Server Communication Profile Screen

EDIM422

The FTP Server Communication Profile screen is used to define the FTP Server characteristics that will be used by the Options Definition File Creation Program (EBDI020) when building the parameters for FTP Server remotes in the *CONNECT and *REMOTES sections of the ODF.

Purpose

The FTP Server Communication Profile screen defines the FTP communication profile fields and also can be used as an inquiry screen. These characteristics will be used by the Options Definition File Creation Program (EBDI020) when building the parameters for FTP Server remotes in the *CONNECT and *REMOTES sections of the ODF.

How to Access

Access the FTP Server Communication Profile screen from the Communication Profile screen (EDIM406) by pressing **PF5=Protocol**.

Screen Example

The following illustrates the FTP Server Communication Profile screen.

```
EDIM422 _____ FTP SERVER COMMUNICATION PROFILE      xxx  12/01/2005
                                                    12:00:00

Remote Id: D-FTPSRV                List Name: L-FTPSRV

Auto Connect Parameters:
Queue Auto Connects.....: _ (Y/N)
Concurrent Sessions.....: ____

Remote Site Specification Parameters:
Auto Connect Script Name...: _____
Batch Separation.....: _ (Blank/3/4)
One Batch.....: _ (Y/N)

Last Update Date: 12/01/05  Time: 12:00:00  User: XXX

Enter PF1=Help          PF3=Exit PF4=Profile    PF5=Remotel
                        PF10=Updt
```

Screen Actions

The following table describes each screen action of the FTP Server Communication Profile screen, and gives instructions on performing the action.

To perform this action ...	Associated with this screen action ...	Do this ...
View existing FTP Server Communication Profile definitions.	n/a	Enter the Remote ID and List Name and press Enter .
Update existing FTP Server Communication Profile definitions.	n/a	Enter the required data and press PF10 .

Note: When viewing, updating, or deleting data on this screen, the value in the Division field is compared to the value in the Division field on the Remote file. If they do not match, or your division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

- PF4=Profile:** Returns to the Communication Profile screen.
- PF5=Remote1:** Transfers to the FTP Server Communication Profile Remote Maintenance screen.
- PF10=Updt:** Updates the Communications Profile record on both the Communication Profile and Remote files.

In addition, updates can also be dynamically applied to Connect. Pressing **PF10** displays the message **PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS**. Pressing **PF10** again updates the Communications Profile and Remote files and then dynamically updates Connect. Pressing **Enter** only updates the Communications Profile and Remote files.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Remote Id: (Required)

An 8-position alphanumeric field. This value is the same as the Communications subsystem Remote ID and is part of the key to the Communication Profile and Remote files.

Options Definition File: *CONNECT

Parameter: First value of Remote Record

and

Options Definition File: *REMOTES

Parameter: NAME=

List Name: (Required)

An 8-position alphanumeric field used as the identifier for auto connects. This value is part of the key to the Communication Profile and Remote files.

Options Definition File: *CONNECT

Parameter: LISTNAME=

Queue Auto Connects: (Optional)

A 1-position alphabetic field used to specify whether the auto connect should be queued and started later if a session cannot be established. Valid values are:

Y = Queue and start the auto connect later if a session cannot be established.

N = The auto connect is not queued and fails if a session cannot be established.

Options Definition File: *CONNECT

Parameter: ACQUEUE=

Concurrent Sessions: (Optional)

A 3-position numeric field used to specify the maximum number of concurrent sessions that can be executed during an auto connect.

Options Definition File: *CONNECT

Parameter: SESSIONS=

Auto Connect Script Name: (Optional)

An 8-position alphanumeric field used to specify a member of a PDS that contains the auto connect script for this session. The specified member must be located in the PDS allocated to the SYSEXEC DD statement in the Connect JCL.

Options Definition File: *CONNECT – Remote record

Parameter: AC_SCRIPT=

Batch Separation: (Optional)

A 1-position alphanumeric field used to specify the method used to separate batches sent to remote sites when multiple batches are sent in a single connection. Valid values are:

- Space = None. Concatenates all batches into a single file. Each batch is flagged transmitted after its last record is sent. This is the default value.
- 3 = OPT3. Concatenates all batches into a single file. Each batch is flagged transmitted after all batches are sent.
- 4 = OPT4. Sends each batch as an individual file. Each batch is flagged transmitted after transmission.

Options Definition File: *CONNECT – Remote record

Parameter: BCHSEP=

One Batch: (Optional)

A 1-position alphabetic field used to specify whether multiple batches are transmitted to a remote. Valid values are:

- Y = Only the first eligible batch is transmitted.
- N = All eligible batches will be transmitted. This is the default value.

Options Definition File: *CONNECT – Remote Record

Parameter: ONEBATCH=

Last Update Date (Protected)

An 8-position field that displays the date on which the information on this screen was created or last changed. The date format is MM/DD/YY.

Last Update Time (Protected)

An 8-position field that displays the time at which the information on this screen was created or last changed. The time format is HH:MM:SS.

Last Update User (Protected)

A 3-position field that displays the initials of the user who created or last changed the information on this screen.

FTP Server Communication Profile Remote Maintenance Screen—Part 1

EDIM423

The FTP Server Communication Profile Remote Maintenance screen is used to define the FTP Server characteristics that will be used by the Options Definition File Creation Program (EBDI020) when building the parameters for FTP Server remotes in the *CONNECT and *REMOTES sections of the ODF.

Purpose

The FTP Server Communication Profile Remote Maintenance screen defines the FTP communication profile fields and also can be used as an inquiry screen. These characteristics will be used by the Options Definition File Creation Program (EBDI020) when building the parameters for FTP Server remotes in the *CONNECT and *REMOTES sections of the ODF.

How to Access

Access the FTP Server Communication Profile Remote Maintenance screen from the FTP Server Communication Profile screen (EDIM422) by pressing **PF5=Remote1**.

Screen Example

The following illustrates the FTP Server Communication Profile Remote Maintenance screen.

```

EDIM423 _____      FTP SERVER COMMUNICATION PROFILE      XXX 12/01/2005
                          REMOTE MAINTENANCE PART 1                12:00:00

Remote Id: D-FTPSRV          List Name: L-FTPSRV

Batch Separation.....: _ (Blank/3/4)      EDI.....: _ (Y/N)
Disconnect Interval.....: ____ (Seconds)    Ident.....: _ (Y/N)
Remote File Name Length..: _ (L/S)          Send Pasv Command.....: _ (Y/N)
SSL Policy.....: _ (R/O/D)                 Send Site Command.....: _ (Y/N)
SSL CCC Policy.....: _ (R/O/D)             KIRN.....: _ (Y/N)
Logon Script Name.....: _____          RIFS.....: _ (Y/N)
Translate Table Name.....: _____       Scan.....: _ (Y/N/A)

                                     Last Update Date: 12/01/05  Time: 12:00:00  User: XXX

Enter PF1=Help          PF3=Exit  PF4=Protocol  PF5=Remote2
                          PF10=Updt
  
```

Screen Actions

The following table describes each screen action of the FTP Server Communication Profile Remote Maintenance screen, and gives instructions on performing the action.

To perform this action ...	Associated with this screen action ...	Do this ...
View existing FTP Server Communication Profile definitions.	n/a	Enter the Remote ID and List Name and press Enter .
Update existing FTP Server Communication Profile definitions.	n/a	Enter the required data and press PF10 .

Note: When viewing, updating, or deleting data on this screen, the value in the Division field is compared to the value in the Division field on the Remote file. If they do not match, or your division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF4=Protocol	Returns to the FTP Server Communication Profile screen.
PF5=Remote 2	Transfers to FTP Server Communication Profile Remote Maintenance Part 2.
PF10=Updt:	Updates the Communications Profile record on both the Communication Profile and Remote files.

In addition, updates can also be dynamically applied to Connect. Pressing **PF10** displays the message “PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS”. Pressing **PF10** again updates the Communications Profile and Remote files and then dynamically updates Connect. Pressing **Enter** only updates the Communications Profile and Remote files.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See “Jump Codes” on page 3-3 for further information on using jump codes.

Remote Id: (Required)

An 8-position alphanumeric field. This value is the same as the Communications subsystem Remote ID and is part of the key to the Communication Profile and Remote files.

Options Definition File: *CONNECT

Parameter: First value of Remote Record

and

Options Definition File: *REMOTES

Parameter: NAME=

List Name: (Required)

An 8-position alphanumeric field used as the identifier for auto connects. This value is part of the key to the Communication Profile and Remote files.

Options Definition File: *CONNECT

Parameter: LISTNAME=

Batch Separation: (Optional)

A 1-position alphanumeric field used to specify the method used to separate batches sent to remote sites when multiple batches are sent in a single connection. Valid values are:

- Space = None. Concatenates all batches into a single file. Each batch is flagged transmitted after its last record is sent. This is the default value.
- 3 = OPT3. Concatenates all batches into a single file. Each batch is flagged transmitted after all batches are sent.
- 4 = OPT4. Sends each batch as an individual file. Each batch is flagged transmitted after transmission.

Options Definition File: *REMOTES

Parameter: BCHSEP=

EDI: (Optional)

A 1-position alphabetic field that enables you to define whether single byte hex-15 segment terminators are used. Valid values are:

- Y = Yes.
- N = No. This is the default value.

Options Definition File: *REMOTES

Parameter: EDI=

Disconnect Interval: (Optional)

A 4-position numeric field that defines the number of seconds of inactivity that Connect should wait before disconnecting the session. Cannot exceed 3600 seconds.

Options Definition File: *REMOTES

Parameter: DISCINTV=

Ident: (Optional)

A 1-position alphabetic field used to specify whether Connect attempts to determine whether the FTP Server is another Connect product. Valid values are:

- Y = Yes.
- N = No. This is the default.

Options Definition File: *REMOTES

Parameter: IDENT=

Remote File Name Length: (Optional)

A 1-position alphabetic field that enables you to define the format of the file name created by the Connect FTP Server when using the STOR command. Valid values are:

- L = Long. Names are composed of the 1-24 character User Batch Id followed by the 7-digit batch number. This is the Default.
- S = Short. Names are composed of the 7-digit batch number followed by the letters '.dat'.

Options Definition File: *REMOTES

Parameter: REMOTE_FILENAME_LENGTH=

Send PASV Command: (Optional)

A 1-position alphabetic field that enables you to specify whether Connect sends the PASV or PORT command to the remote FTP Server to open a data connection. Valid values are:

- Y = Yes, send a PASV command.
- N = No, send a PORT command. This is the default value.

Options Definition File: *REMOTES

Parameter: SENDPASV=

SSL Policy: (Optional)

A 1-position alphabetic field that enables you to define the SSL requirements between the remote client and the server. Valid values are:

- R = SSL is Required.
- O = SSL is Optional. This is the default.
- D = SSL is Disallowed.

Options Definition File: *REMOTES

Parameter: SSL_POLICY=

Send SITE Command: (Optional)

A 1-position alphabetic field that enables you to specify whether Connect sends a SITE command to identify the file prior to issuing the STOR or STOU command. Valid values are:

- Y = Yes, send a SITE command.
- N = No, do not send a SITE command. This is the default value.

Options Definition File: *REMOTES

Parameter: SENDSITE=

SSL CCC Policy: (Optional)

A 1-position alphabetic field that enables you to define the SSL CCC requirements for a remote server. Valid values are:

- R = Required, the CCC command is issued.
- O = Optional, the CCC command is issued and honored if accepted.
- D = Disallowed, the CCC command is not issued. This is the default value.

Options Definition File: *REMOTES

Parameter: SSL_CCC_POLICY=

KIRN: (Optional)

A 1-position field that indicates if Connect is to keep the record separator string and store data as record oriented. Valid values are:

- space = blank. Default comes from FTP_DEFAULT_KIRN setting in the *OPTIONS record.
- N = No. Connect is to remove the record separator string after recording the batch.
- Y = Yes. The record separator strings are kept in the batch.

Option Definition File: *REMOTES

Parameter: KIRN=

Logon Script Name: (Optional)

An 8-position alphanumeric field used to specify a member of a PDS that contains the logon script for this session. The specified member must be located in the PDS allocated to the SYSEXEC DD statement in the Connect JCL.

Options Definition File: *REMOTES

Parameter: LOGON_SCRIPT=

RIFS: (Optional)

A 1-position field that indicates if Connect is to change a batch that has been stored as a file structure to a record structure. Valid values are:

- space = blank. Default comes from FTP_DEFAULT_RIFS setting in the *OPTIONS record.
- N = No. Connect is to retain the file structure of the batch and does not recognize record separator strings in SFA or SFE batches.
- Y = Yes. Connect if to recordize the batch after recognizing a record separator string and uses CRLF for SFA batches and NL for SFE batches.

Option Definition File: *REMOTES

Parameter: RIFS=

Translate Table Name: (Optional)

An 8-position alphanumeric field used to specify a member of a PDS that contains the translation table to use when converting ASCII data to EBCDIC data or EBCDIC data to ASCII data. The specified member must be located in the PDS allocated to the TRANSLAT DD statement in the Connect JCL. A standard conversion is the default.

Options Definition File: *REMOTES

Parameter: TRANSLATE=

Scan: (Optional)

A 1-position field that indicates if Connect is to scan received batches for \$\$ commands.

Valid values are:

- | | | |
|---|---|--|
| N | = | No. Scanning is not enabled. |
| Y | = | Yes. Scanning is enabled initially. To keep scanning \$\$ADD card must contain SCAN=YES parameter. |
| A | = | All. Scanning is enabled for the entire batch unless \$\$ADD card contain SCAN=NO parameter. |

Option Definition File: *REMOTES

Parameter: SCAN=

Last Update Date (Protected)

An 8-position field that displays the date on which the information on this screen was created or last changed. The date format is MM/DD/YY.

Last Update Time (Protected)

An 8-position field that displays the time at which the information on this screen was created or last changed. The time format is HH:MM:SS.

Last Update User (Protected)

A 3-position field that displays the initials of the user who created or last changed the information on this screen.

FTP Server Communication Ports Screen

EDIM424

Purpose

The FTP Server Communication Ports screen defines the FTP communication profile fields and also can be used as an inquiry screen. These characteristics will be used by the Options Definition File Creation Program (EBDI020) when building the parameters for FTP Server remotes in the *CONNECT and *REMOTES sections of the ODF.

How to Access

Access the FTP Server Communication Ports screen from the FTP Server Communication Profile screen (EDIM423) by pressing **PF6=Ports**.

Screen Example

The following illustrates the FTP Server Communication Ports screen.

```

EDIM424 _____ FTP SERVER COMMUNICATION PORTS          XXX 12/01/2005
                                                12:00:00
Remote Id: D-FTPSRV                List Name: L-FTPSRV

FTP Port Retries.....: __ (0-99)
FTP Port Retry Wait Time.: __ (0-180 seconds)
FTP Data Port Ranges.....: _____ - _____ (Low - High or U)
                           _____ - _____ (Low - High)
                           _____ - _____ (Low - High)
                           _____ - _____ (Low - High)
                           _____ - _____ (Low - High)
                           _____ - _____ (Low - High)
FTP Control Port Ranges...: _____ - _____ (Low - High)
                           _____ - _____ (Low - High)
                           _____ - _____ (Low - High)
                           _____ - _____ (Low - High)
                           _____ - _____ (Low - High)

                                Last Update Date: 12/01/05  Time: 12:00:00  User: XXX

Enter PF1=Help                PF3=Exit PF4=Remote2
                                PF10=Updt

```

Screen Actions

The following table describes each screen action of the FTP Server Communication Ports screen, and gives instructions on performing the action..

To perform this action ...	Associated with this screen action ...	Do this ...
View existing FTP Server Communication Ports definitions.	n/a	Enter the Remote ID and List Name and press Enter .
Update existing FTP Server Communication Ports definitions.	n/a	Enter the required data and press PF10 .

Note: When viewing, updating, or deleting data on this screen, the value in the Division field is compared to the value in the Division field on the Remote file. If they do not match, or your division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF4=Remote2 Returns to the FTP Server Communication Profile Remote Maintenance Part 2 screen.

PF10=Updt Updates the Communications Profile record on both the Communication Profile and Remote files.

In addition, updates can also be dynamically applied to Connect. Pressing **PF10** displays the message **PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS**. Pressing **PF10** again updates the Communications Profile and Remote files and then dynamically updates Connect. Pressing **Enter** only updates the Communications Profile and Remote files.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Remote Id: (Required)

An 8-position alphanumeric field. This value is the same as the Communications subsystem Remote ID and is part of the key to the Communication Profile and Remote files.

Options Definition File: *CONNECT

Parameter: First value of Remote Record

and

Options Definition File: *REMOTES

Parameter: NAME=

List Name: (Required)

An 8-position alphanumeric field used as the identifier for auto connects. This value is part of the key to the Communication Profile and Remote files.

Options Definition File: *CONNECT

Parameter: LISTNAME=

FTP Port Retries: (Optional)

A 2-position numeric field used to specify how many times a connection attempt is made for each port in the defined range or ranges. Valid values are 0 through 99.

Options Definition File: *REMOTES

Parameter: FTP_PORT_RETRIES=

FTP Port Retry Wait Time: (Optional)

A 3-position numeric field used to specify the number of seconds the server waits between connection attempts. Valid values are 0 through 180.

Options Definition File: *REMOTES

Parameter: FTP_PORT_RETRY_WAIT_TIME=

FTP Data Port Ranges: (Optional)

Ten, 5-position alphanumeric fields used to specify the data ports that the Connect FTP Client uses to transfer data to a remote FTP Server. Valid values are:

- Up to five ranges of port numbers (from 1-65535). Each range contains the lowest to the highest port numbers available in that range. Setting the same value in both the low and high fields designates a single port.
- The special value **0** in the first field with the other fields blank. This sets the client data port to re-use the client control port number used to logon.

Options Definition File: *REMOTES

Parameter: FTP_DATA_PORT_RANGE=

FTP Control Port Ranges: (Optional)

Ten, 5-position numeric fields used to specify the control ports that the Connect FTP Client uses to connect to a remote FTP Server. Up to five ranges of port numbers (from 1-65535) can be specified. Each range contains the lowest to the highest port numbers available in that range. Setting the same value in both the low and high fields designates a single port.

Options Definition File: *REMOTES

Parameter: FTP_CONTROL_PORT_RANGE=

Last Update Date (Protected)

An 8-position field that displays the date on which the information on this screen was created or last changed. The date format is MM/DD/YY.

Last Update Time (Protected)

An 8-position field that displays the time at which the information on this screen was created or last changed. The time format is HH:MM:SS.

Last Update User (Protected)

A 3-position field that displays the initials of the user who created or last changed the information on this screen.

FTP Server Communication Profile Remote Maintenance Screen—Part 2

EDIM425

The FTP Server Communication Profile Remote Maintenance screen is used to define the FTP Server characteristics that will be used by the Options Definition File Creation Program (EBDI020) when building the parameters for FTP Server remotes in the *CONNECT and *REMOTES sections of the ODF.

Purpose

The FTP Server Communication Profile Remote Maintenance screen defines the FTP communication profile fields and also can be used as an inquiry screen. These characteristics will be used by the Options Definition File Creation Program (EBDI020) when building the parameters for FTP Server remotes in the *CONNECT and *REMOTES sections of the ODF.

How to Access

Access the FTP Server Communication Profile Remote Maintenance—Part 2 screen from the FTP Server Communication Profile Remote Maintenance—Part 1 screen (EDIM425) by pressing **PF5=Remote2**.

Screen Example

The following illustrates the FTP Server Communication Profile Remote Maintenance screen.

```

EDIM425 _____ FTP SERVER COMMUNICATION PROFILE      XXX 12/01/2005
                                REMOTE MAINTENANCE PART 2      12:00:00

Remote Id: D-FTPSRV                List Name: L-FTPSRV

&User ID..... _____ &Port Number..... _____
&Password...: _____
&New Psswr.: _____

&Data Mode..... _ (S/B/C)
&Data Structure.. _ (F/R)
&Data Type..... _ (A/E/I)

&User Batch ID... _____

&Send Path.....: _____
&Receive Path...: _____

                                Last Update Date: 12/01/05 Time: 12:00:00 User: XXX

Enter PF1=Help                PF3=Exit PF4=Remote1    PF5=Schedule    PF6=Ports
                                PF10=Updt

```

Screen Actions

The following table describes each screen action of the FTP Server Communication Profile Remote Maintenance screen, and gives instructions on performing the action.

To perform this action ...	Associated with this screen action ...	Do this ...
View existing FTP Server Communication Profile definitions.	n/a	Enter the Remote ID and List Name and press Enter .
Update existing FTP Server Communication Profile definitions.	n/a	Enter the required data and press PF10 .

Note: When viewing, updating, or deleting data on this screen, the value in the Division field is compared to the value in the Division field on the Remote file. If they do not match, or your division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF4=Remote1	Returns to the FTP Server Communication Profile Remote Maintenance—Part 1 screen.
PF5=Schedule	Transfers to the Transmission Schedule screen.
PF10=Updt:	Updates the Communications Profile record on both the Communication Profile and Remote files.

In addition, updates can also be dynamically applied to Connect. Pressing **PF10** displays the message **PRESS PF10 TO UPDATE PLUS & CONNECT OR ENTER TO ONLY UPDATE PLUS**. Pressing **PF10** again updates the Communications Profile and Remote files and then dynamically updates Connect. Pressing **Enter** only updates the Communications Profile and Remote files.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See “Jump Codes” on page 3-3 for further information on using jump codes.

Remote Id: (Required)

An 8-position alphanumeric field. This value is the same as the Communications subsystem Remote ID and is part of the key to the Communication Profile and Remote files.

Options Definition File: *CONNECT

Parameter: First value of Remote Record

Options Definition File: *REMOTES

Parameter: NAME=

List Name: (Required)

An 8-position alphanumeric field used as the identifier for auto connects. This value is part of the key to the Communication Profile and Remote files.

Options Definition File: *CONNECT

Parameter: LISTNAME=

&User ID: (Optional)

A 10-position alphanumeric field used to set the value of the USERID variable used in the logon script.

Options Definition File: *REMOTES

Parameter: &USERID=

&Port Number: (Optional)

A 5-position numeric field used to set the value of the port number to use when connecting to the remote server.

Options Definition File: *REMOTES

Parameter: &PORTNO=

&Password: (Optional)

A 64-position alphanumeric field used to set the value of the PASSWORD variable used in the auto connect script.

Options Definition File: *REMOTES

Parameter: &PASSWORD=

&New Psswr: (Optional)

A 64-position alphanumeric field used to set the value of the NEWPASS variable used in the auto connect script.

Options Definition File: *REMOTES

Parameter: &NEWPASS=

&Data Mode: (Optional)

A 1-position alphabetic field that enables you to set the value of the MODE variable used in the auto connect script. Valid values are:

- S = Streamed. This is the default value.
- B = Blocked.
- C = Compressed.

Options Definition File: *REMOTES

Parameter: &DATAMODE=

&Data Structure: (Optional)

A 1-position alphabetic field that enables you to set the value of the DATASTRU variable used in the auto connect script. Valid values are:

- F = File. This is the default.
- R = Record.

Options Definition File: *REMOTES

Parameter: &DATASTRU=

&Data Type: (Optional)

A 1-position alphabetic field that enables you to set the value of the DATATYPE variable used in the auto connect script. Valid values are:

- A = ASCII. This is the default.
- E = EBCDIC.
- I = Image.

Options Definition File: *REMOTES

Parameter: &DATATYPE=

&User Batch ID: (Optional)

A 24-position alphanumeric field used to set the value of the BID variable used in the auto connect script.

Options Definition File: *REMOTES

Parameter: &BID=

&Send Path: (Optional)

A 60-position alphanumeric field used to set the value of the SENDPATH variable used in the auto connect script.

Options Definition File: *REMOTES

Parameter: &SENDPATH=

&Receive Path: (Optional)

A 60-position alphanumeric field used to set the value of the RECVPATH variable used in the auto connect script.

Options Definition File: *REMOTES

Parameter: &RECVPATH=

Last Update Date (Protected)

An 8-position field that displays the date on which the information on this screen was created or last changed. The date format is MM/DD/YY.

Last Update Time (Protected)

An 8-position field that displays the time at which the information on this screen was created or last changed. The time format is HH:MM:SS.

Last Update User (Protected)

A 3-position field that displays the initials of the user who created or last changed the information on this screen.

Network Command Interface Selection Menu

EDIM450

Purpose

The Network Command Interface Selection Menu screen routes you to the appropriate screen for a selected function.

How to Access

Access the Network Command Interface Selection Menu in either of the following ways:

- From the Communications Session Maintenance Selection Menu, type **5** to select Communication Network Command Interface, and press **Enter**.
- Type **6.6.5** in the Jump Code field of any screen, and press **Enter**.

Screen Example

The following illustrates the Network Command Interface Selection Menu screen.

```

EDIM450 6.6.5_____ NETWORK COMMAND INTERFACE      XXX      12/01/2005
                               SELECTION MENU                12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _  1.  Network Command Directory
          2.  Network Command Maintenance

Enter PF1=Help      PF3=Exit      PF15=Logoff
  
```

The Network Command Interface Selection Menu contains two menu options, which allow you to perform various functions within the Network Command subsystem. The menu options, as well as a brief description, follow:

Menu Option	Description
1 Network Command Description	Enables you to view the directory of Network Command records on file.
2 Network Command Maintenance	Enables you to view and maintain Network Command records.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See “Jump Codes” on page 3-3 for further information on using jump codes.

(Selection): (Optional)

A 1-character field used to make a menu selection. Enter a valid value (1 or 2) and press **Enter** to move to the selected screen.

Screen Actions

The screen actions are displayed on the top line of the Network Command Directory screen. The following table describes the screen actions and gives instructions on performing the actions.

To perform this action ...	Associated with this screen action ...	Do this ...
View the Network Command Definition screen for a Command ID.	Select	Type s in the A (Action Code) field next to the Command ID you wish to select, then press PF5 .
View the Network Command Maintenance screen for a Command ID.	Select	Type s in the A (Action Code) field next to the Command ID you wish to select, then press PF6 .

Note: When viewing data on this screen, the value in the User Division field is compared to the value in the Division field on the Command Header file. If they do not match or the user division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF5=Cmd Def: Transfers to the Network Command Definition screen.

PF6=Cmd Mnt: Transfers to the Network Command Maintenance screen.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Starting Command Id: (Optional)

A 10-position alphanumeric field used to select the first INS TRADANET Network command that is displayed.

A (Action Code): (Optional)

A 1-position alphanumeric field. When the valid value of S is entered for this field, information is conveyed either to the Network Command Definition screen or the Network Command Maintenance screen, depending on the function key you press. See the Screen Actions table previously in this section for additional information on performing the actions.

Command Id: (Protected)

A 10-position alphanumeric field that displays the name of the network command as defined to the Gentran:Plus system.

Description: (Protected)

A 35-position alphanumeric customer description of the command entered into the Network Command Definition screen.

Last Update Date: (Protected)

An 8-position alphanumeric field that displays the date of the last update to a command.

Last Update Time: (Protected)

An 8-position alphanumeric field that displays the time of the last update to a command.

Last Update User: (Protected)

A 3-position alphanumeric field that displays the initials of the last user to update the command.

Network Command Definition Screen

EDIM452

Purpose

The Network Command Definition screen enables you to create and maintain Command IDs.

The Command IDs are used during outbound batch processing to point to the command detail information which identify the INS TRADANET commands to be used and the sequence of the INS TRADANET commands.

How to Access

Access the Network Command Definition screen in any of the following ways:

- From the Network Command Interface Selection menu, type **2** to select Network Command Maintenance, and press **Enter**.
- From the Network Command Directory screen, type **s** in the A (Action Code) field next to the Command ID for which you want to view details on the Network Command Definition screen and press **PF5=Cmd Mnt**.
- Type **6.6.5.2** in the Jump Code field on any screen, and press **Enter**.

Screen Example

The following illustrates the Network Command Definition screen in Partner/Qualifier mode..

```

EDIM452 6.6.5.2__ NETWORK COMMAND DEFINITION      XXX      12/01/2005
                                                    12:00:00

Command Id.....: _____
Division Code.....: 000
Command Desc.....: _____
Network Id.....: _____
Network Id Qualifier..: _____
Receive Option.....: __ (GO or NG)
Update Allowed.....: _
Last Update Date/Time.:
Last Update User.....:

Enter PF1=Help          PF3=Exit PF4=Dir          PF5=Cmd Mnt
                        PF9=Add PF10=Updt PF11=Del
  
```

The following illustrates the Network Command Definition screen in Relationship mode.

```

EDIM452 6.6.5.2__ NETWORK COMMAND DEFINITION XXX 12/01/2005
12:00:00

Command Id.....: TEST_____
Division Code.....: 999
Command Desc.....: TEST_COMMAND_____
Network User Id.....: YOUR_COMPANY_____
Network Partner id....: VENDOR-1_____
Receive Option.....: GO (GO or NG)
Update Allowed.....: Y
Last Update Date/Time.: 12/01/05 12:00:00
Last Update User.....: XXX

Enter PF1=Help PF3=Exit PF4=Dir PF5=Cmd Mnt
PF9=Add PF10=Updt PF11=Del

```

Note: When viewing, updating, or deleting data on this screen, the value in the User Division field is compared to the value in the Division field on the Remote file. If they do not match, or the user division is not 000, then you cannot access the record.

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

- PF4=Dir:** Exits to the Network Command Directory.
- PF5=Cmd Mnt:** Transfers to the Network Command Maintenance screen.
- PF9=Add:** Adds the command record to the command header file.
- PF10=Updt:** Updates the command record.
- PF11=Del:** Deletes the command record in two steps; the first time you press **PF11** the system confirms that the record exists on the Command Header file. The second time you press **PF11** the system deletes the record on both the command header definition and command detail definition.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. A screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Command Id: (Required)

A 10-position alphanumeric field that displays the name of the network command as defined to the Gentran:Plus system.

Division Code: (Optional)

A 3-position alphanumeric field. If you have a Division Code value of 000, this field can be set to any value during an add or update. If you have any other Division Code value, this field is set to the value during an add.

Command Desc: (Required)

A 35-position alphanumeric field that displays the customer description of the command entered into the Network Command Definition screen.

Network Id: (Required for Partner/Qualifier mode)

A 35-position alphanumeric field that is used in conjunction with the Network ID Qualifier to define the Partner/Qualifier partner used to process network commands.

Network Id Qualifier: (Optional for Partner/Qualifier mode)

A 4-position alphanumeric field that is used in conjunction with the Network ID to define the Partner/Qualifier partner used to process network commands.

Network User ID: (Required for Relationship mode)

A 15-position alphanumeric field that is used in conjunction with the Network Partner ID to define the Relationship partner used to process network commands.

Network Partner ID: (Required for Relationship mode)

A 15-position alphanumeric field that is used in conjunction with the Network User ID to define the Relationship partner used to process network commands.

Receive Option: (Required)

A 2-position alphanumeric field used to specify whether the GO format is used or if NG processing is selected. Valid values are:

- GO = GO commands, when they are entered (online or batch), are always in the GO format.
- NG = NG processing is selected by entering NG on the Receive Option field on the Network Command ID screen for online commands, or by specifying the RECEIVE=NG parameter for batch commands.

See the *INS TRADANET User Guide* for a description of the GO/NG options.

Update Allowed: (Optional)

A 1-position alphanumeric field indicating whether the command may be updated. Valid values:

- Y = Allow updates for this command.
- N = Do not allow updates to this command.

Last Update Date/Time:**Date:** (Protected)

An 8-position alphanumeric field that displays the date of the last update to a command.

Time: (Protected)

An 8-position alphanumeric field that displays the time of the last update to a command.

Last Update User: (Protected)

A 3-position alphanumeric field that displays the initials of the last user to update the command.

Network Command Maintenance Screen

EDIM453

Purpose

The Network Command Maintenance screen enables you to enter the network commands to be sent to the INS network.

How to Access

Access the Network Command Maintenance screen in any of the following ways:

- From the Network Command Definition screen, press **PF5=Cmd Mnt**.
- From the Network Command Directory screen, type **s** in the A (Action Code) field next to the Command ID for which you want to view details on the Network Command Maintenance screen and press **PF6=Cmd Mnt**.
- Type **6.6.5.1** (Network Command Directory) in the Jump Code field on any screen, and press **Enter**. Type **s** in the Action (Action Code) field next to the Command ID for which you want to view details on the Network Command Maintenance screen and press **PF6=Cmd Mnt**.

Screen Example

The following illustrates the Network Command Maintenance screen in Partner/Qualifier mode.

Add	Update	Delete		
EDIM453	_____	NETWORK COMMAND MAINTENANCE	XXX	12/01/2005 12:00:00
Command Id: TEST_____		Command Desc: TEST COMMAND		
Network Id: VENDOR-1		Qual: IDQU		
Receive Option: GO				
Action Sequence	Network Command or Command Parameter		Last Update Date	User
-----	-----	-----	-----	---
-	0010	LISTP_____	00/00/00	XXX
-	_____	_____	_____	_____
-	_____	_____	_____	_____
-	_____	_____	_____	_____
-	_____	_____	_____	_____
-	_____	_____	_____	_____
-	_____	_____	_____	_____
-	_____	_____	_____	_____
-	_____	_____	_____	_____
END OF NETWORK COMMANDS				
Enter PF1=Help		PF3=Exit PF4=Cmd Def		
PF7=Bwd		PF8=Fwd		

Function Key Descriptions

Note: Standard function keys, such as **PF1=Help**, **PF3=Exit**, **PF7=Bwd**, **PF8=Fwd**, **PF12=Cancel**, and **PF15=Logoff**, as well as **Enter**, are defined in the Getting Started chapter of this guide.

PF4=Cmd Def: Transfers to the Command Definition screen.

Field Descriptions

(Jump Code): (Optional)

A 10-position alphabetic or numeric field containing the jump code for this screen. If a screen has a jump code, the screen's jump code is automatically displayed in the Jump Code field for that screen.

To *jump* to another screen, press **Home**, type the jump code of the screen to which you want to jump, then press **Enter**.

See "Jump Codes" on page 3-3 for further information on using jump codes.

Command Id: (Required)

A 10-position alphanumeric field that displays the name of the network command as defined to the Gentran:Plus system.

Command Desc: (Protected)

A 35-position alphanumeric field that displays the customer description of the command entered into the Network Command Definition screen.

Network ID: (Protected) (Partner/Qualifier mode only)

A 35-position alphanumeric field that is used in conjunction with the Qual to define the Partner/Qualifier partner used to process network commands.

Qual: (Protected) (Partner/Qualifier mode only)

A 4-position alphanumeric field that is used in conjunction with the Network ID to define the Partner/Qualifier partner used to process network commands.

Network User ID: (Protected) (Relationship mode only)

A 15-position alphanumeric field that is used in conjunction with the Partner ID to define the Relationship partner used to process network commands.

Partner ID: (Protected) (Relationship mode only)

A 15-position alphanumeric field that is used in conjunction with the Network User ID to define the Relationship partner used to process network commands.

Receive Option: (Protected)

A 2-position alphanumeric field used to specify whether the GO format is used or if NG processing is selected. Valid values are:

- GO = GO commands, when they are entered (online or batch), are always in the GO format.
- NG = NG processing is selected by entering NG on the Receive Option field on the Network Command ID screen for online commands, or by specifying the RECEIVE=NG parameter for batch commands.

Action (Action Code): (Optional)

A 1-position alphanumeric field. Valid values are:

- A = Add a new command record
- D = Delete this command record
- U = Update this command record

See the Screen Actions table previously in this section for additional information on performing the actions.

Sequence: (Required)

A 4-position numeric field used to enter the number that designates the order in which command parameters are processed.

Network Command or Command Parameter: (Required)

A 40-position alphanumeric field that contains the command or the parameter to be processed.

See Appendix B for a description of the valid command and parameter formats.

Last Update:**Date:** (Protected)

An 8-position alphanumeric field that displays the date of the last update to a command.

User: (Protected)

A 3-position alphanumeric field that displays the initials of the last user to update the command.

Program Descriptions

Overview

This chapter contains the following sections related to programs in Gentran:Plus.

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Options Definition File Creation Program

EBDI020

The Gentran:Plus Options Definition File Creation program generates the run time Options Definition file (ODF) for the Connect Communications subsystem. The Options Definition file is the main configuration file for Connect. This program also produces the Extract file.

The Options Definition File Creation program (EBDI020) uses the Gentran:Plus Communication Profile, Remote, Holiday, and Base ODF files to generate the output files named above. Figure 4.1 illustrates the input and output files used in the generation of the ODF.

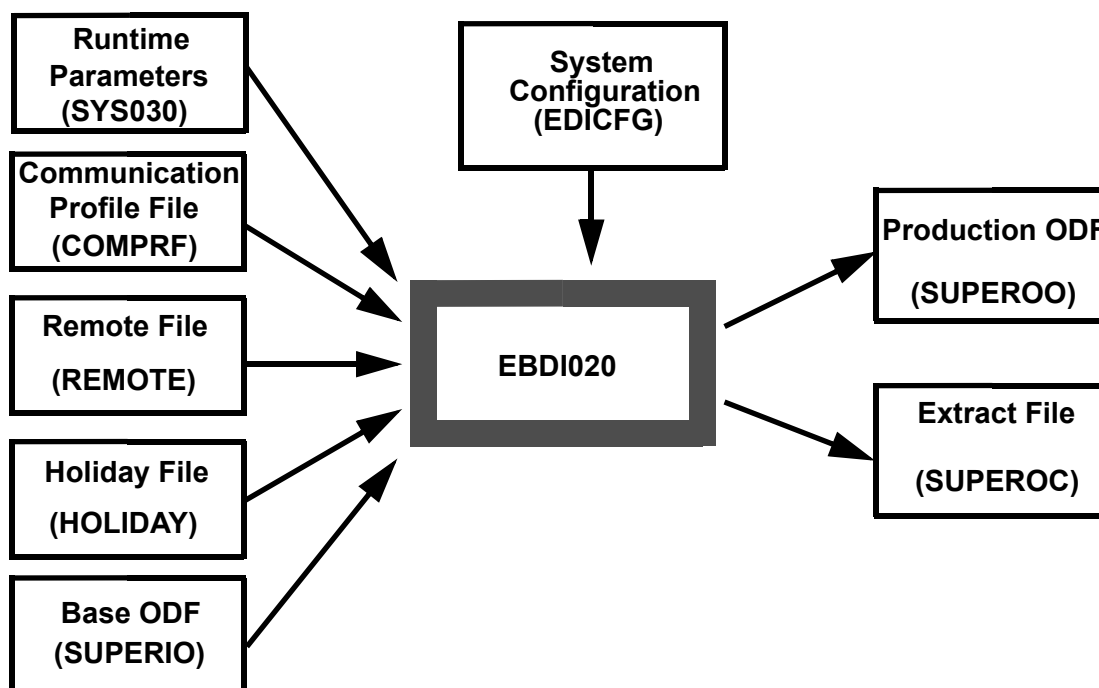


Figure 4.1 Overview of EBDI020

The transmission schedules created by the Options Definition File Creation program are for the following 24-hour period, based on the current system time. EBDI020 is designed to be run daily to load the current day's transmission schedule. The execution of EBDI020 requires that Connect be shut down in order to generate the new Options Definition file. After EBDI020 finishes, Connect may be restarted with the new ODF in place.

Example: If EBDI020 was executed at 10 p.m. on 5/25/04, it would generate the ODF, including the transmission schedule communication profiles that have schedules that fall between 10 p.m. 5/25/04 and 10 p.m. 5/26/04. If a communication profile does not have a scheduled transmission within this date and time range, connect times are not generated for that profile.

The EDIM406, EDIM407, EDIM408, EDIM409, EDIM419, and EDIM420 screens permit simultaneous updating of Gentran:Plus and Connect. However, Connect must be using the Options Definition File created by EBDI020 and active when the Gentran:Plus updates are made.

Files Used

Input

COMPRF

Communication Profile

This is the primary Gentran:Plus communication file used to store communication profile information entered through the CICS online system.

REMOTE

Remote File

This is an additional Gentran:Plus communication file used to store communication profile information entered through the CICS online system.

HOLIDAY

Holiday File

This is the Gentran:Plus file used to store holiday processing records for each communication profile entered through the CICS online system.

SYS030

Runtime Parameters

The following parameters affect the way EBDI020 generates the SUPEROO (Options Definition file) output file:

- CONNECT LISTS** External connect lists are accepted from the SUPERIO input file. This means that autoconnect lists that you have coded in the SUPERIO input file are concatenated at the bottom of the *CONNECT section of the SUPEROO (Options Definition file) output file.
- DUP REMOTES** Duplicate Remote IDs all are accepted by the program. This enables the same Remote ID to be associated with more than one List Name.
- DUP LISTS** Communications profiles with duplicate List Names and different Remote IDs are generated one List Name with multiple Remote IDs associated with it. This enables multiple different Remote IDs to be associated with one List Name.
- TEST** All EXTRACT records in the SUPEROC output file is generated with the parameter DELETE=NO. This prevents batches on your communications data queues from being flagged DELETE during testing and enables multiple extracts.
- SECURITY** If the SECURITY=BATCH parameter is specified in the SUPERIO input file, this parameter allows a *SECURITY section to be specified in the SUPERIO file and retained when the *SECURITY section is built in the SUPEROO output file.
- GPLUS=YES** All EXTRACT records in the SUPEROC output file is generated with the parameter GPLUS=YES. This causes direction records to be written to the extract output file for use with Inbound Databanking.

EDICFG**System Configuration File**

This file contains Gentran system definitions.

SUPERIO**Base ODF Input File**

This file is the base input for the Options Definition file to be used by Connect. This file must contain a minimum of several global parameters critical to the function of Connect. Consult the “Options Definition File” chapter of the *Connect:Enterprise OS/390 Installation Guide* for detailed information on the *OPTIONS section of the ODF.

Note: A sample SUPERIO file is provided in the Gentran:Plus JCL Library in member SUPERIO.

This file also may contain other sections of the ODF, such as the *CONNECT or the *REMOTES. Code these sections only if you cannot enter the definitions in the Gentran:Plus CICS online system.

*Output***SUPEROO****Production Option Definition File**

This output file contains your complete Production Option Definition file for Connect. The file is used in your Connect startup; it is the combined results of information in the SUPERIO and CICS online communication profiles.

SUPEROC**Extract File**

This output file contains a list of EXTRACT records for each Remote ID in the Gentran:Plus communications profiles. This file can be used as the SYSIN for the Connect Offline Utility Extract function. If used, the Extract function extracts all available data for each ID in this file.

ERROR**Error Report**

This output report contains an Error Report generated from the run of EBDI020. The report lists any invalid conditions from the run.

ACTIVE**Activity Report**

This output report lists all records created during the run of EBDI020. The report includes the output from the SUPEROO and SUPEROC.

SUPERSO

This file statement is required, but is not used currently; it is created for future use.

Input/Output

SCHEDULE

Call Schedule Store File

The Call Schedule Store file is a temporary sort file used at runtime to ensure that no duplicate times are generated for any given connection.

Reports

Report 1: Processing Totals Report

The Processing Totals Report is contained in the SYSOUT of EBDI020. The report details the records created and lists fatal error conditions, if any exist.

A fatal error causes a Return Code of 16 during processing.

A portion of the Processing Totals Report is shown below.

```

***** NORMAL END OF JOB *****
OPTION          RECS    00012
SECURITY        RECS    00004
CONNECT         RECS    00017
POOL            RECS    00003
REMOTE          RECS    00013
CALENDAR        RECS    00000
SIGNON          RECS    00003
VERIFY          RECS    00003
USER SECURITY    RECS    00000
EXTRACT         RECS    00012
*** PROCESSING ENDED NORMALLY ***
    
```

Report 2: Error Report

The Error Report details any errors encountered in the Options Definition file.

A portion of the Error Report is shown below.

```

DATE: 12/01/2005      GENTRAN PLUS ERROR REPORT  INPUT  PAGE: 1
    
```

Report 3: Activity Report

The Activity Report details all records (option, user security, and extract) created by the execution of the Options Definition File Creation program (EBDI020).

A portion of the Activity Report is shown below.

```

DATE: 12/01/2005                GENTRAN PLUS ACTIVITY REPORT INPUT                PAGE: 1

PARTNERS WITH BSCMD LINE TYPE WILL BE SELECTED

PARTNERS WITH CALL DAY AND TIMES FROM THURSDAY 14:30 THRU FRIDAY 14:30 WILL BE SELECTED

DATE: 12/01/2005                GENTRAN PLUS ACTIVITY REPORT OUTPUT                PAGE: 2

*OPTIONS
** THIS IS A COMMENT CARD, COMMENTS START WITH "**".
VPF='YOUR.CONNECT.VPF.DSNAME'
VBQPCT=90
VBQROTAT=3
VLFPCT=90
VLFROTAT=2
COUNT=RECORD
CONSLOG=YES
CMB001I='ENTER CONNECT REQUEST WHEN READY'
** MBXSECURE=LOGON/BATCH/WARN/ALL
***** BEGIN BISYNC PARAMETERS *****
BTAM=YES
UA=??????? <===== USER ASSEMBLY SYSLMOD NAME
***** END BISYNC PARAMETERS *****
***** BEGIN SNA PARAMETERS *****
VTAM=YES
APPLID=???????
LOGONMSG='CONNECT LOGON COMPLETE'
***** END SNA PARAMETERS *****
***** BEGIN FTP PARAMETERS *****
FTP_SERVER_CONTROL_PORT=5565
FTP=YES
FTP_DEFAULT_DISCINTV=100
FTP_LOGON_REPLY=1
WELCOME TO MY FTP
SSL=YES
SSL_DEFAULT_POLICY=OPTIONAL
SSL_KEY_DBASE_PW='YOURPW'
SSL_KEY_DBASE='/YOUR/KEY/DBASE/'
SSL_TIMEOUT=00005
SSL_SERVER_CERT='SERVER1'
SSL_CIPHER_SUITE=06010203
SYSOUTCLASS=Z
***** END FTP PARAMETERS *****
***** BEGIN CICS/ISPF PARAMETERS *****
APPC=YES
APPCAPPL=???????
APPCPLS2=75
CICSAPPL=???????
CICSMODE=LU62
CICSTR1=CM62
***** END CICS/ISPF PARAMETERS *****
***** BEGIN RULES PROCESSING PARAMETERS *****
RULES=YES
MAXRP=3
RULESEOB=$REOB
***** END RULES PROCESSING PARAMETERS *****
*CONNECT
*****
LISTNAME=D-BSC
TYPE=BSCAD
*****----- BSC DEFAULTS
D-BSC 04 5555 M=SR BCHSEP=NO
*****-----
LISTNAME=D-SNAL
TYPE=LUIRJE
ACQUEUE=Y
*****----- SNA DEFAULTS
D-SNA MEDIA=EX
*****-----
LISTNAME=TESTL
TYPE=BSCAD
*****----- TEST COMPANY
TEST 04 5555 M=SR BCHSEP=NO
*REMOTES
*****----- SNA DEFAULTS
NAME=D-SNA
TYPE=LUIRJE
RMTACB=RMTACB
USERDATA='RMTNAME'
LOGMODE=RJE512
FMH=YES
SC=NO
COMPRESS=Y
CONSOLE=NO
TRUNC=N
BLKSIZE=0512
*****----- FTP CLIENT DEFAULTS
NAME=D-FTPCLI
TYPE=FTP_CLIENT

```

Enabling Security

You can enable Security on your Connect communications subsystem using different methods. Gentran:Plus is compliant with and supports all forms of Connect security. All of these methods are detailed in the “Implementing Security” chapter of the *Connect:Enterprise OS/390 User's Guide*. The different methods are:

Batch Security:

This is the quickest and easiest way to enable security for BSC and SNA sites with your Communications subsystem. Enable Batch security by coding the **SECURITY=BATCH** parameter in your SUPERIO input file for EBDI020. This causes EBDI020 to generate the *SECURITY section in your SUPEROO output file. EBDI020 generates an **ID=** entry in the *SECURITY section of the SUPEROO file for each Remote ID in the Gentran:Plus communications profile. Before enabling security using this method, read the related information about the *SECURITY record in the “Options Definition File” chapter in the *Connect:Enterprise OS/390 Installation Guide*.

Logon Security:

This security method can be used only with SNA logons into Connect from remote sites. Enable Logon security by coding the **SECURITY=LOGON** parameter in your SUPERIO input file for EBDI020. This method requires that valid LU names be listed in the *POOLS or *REMOTES sections of your ODF. You must code the appropriate parameters on the SNA Communication Profile Remote Maintenance screen (EDIM409) for each of your SNA remotes to have EBDI020 generate them for you. Before enabling security using this method, read the related information about the *POOLS and *REMOTES records for SNA in the “Options Definition File” chapter in the *Connect:Enterprise OS/390 Installation Guide*.

Security Exits:

Security exits are user-written exits that enable you to design your own security scheme for Connect. Additional information about this procedure can be found in the “Using RDX Online Exits” chapter in the *Connect:Enterprise OS/390 Application Agents and User Exits Guide*.

Connect Security Interface:

Activate this security method by coding either the **MBXSECURE=LOGON**, **MBXSECURE=BATCH**, **MBXSECURE=ALL**, or **MBXSECURE=WARN** parameter in your SUPERIO input file for EBDI020. You must define the appropriate authorizations in your external security package to use this method. In addition, you must indicate how you wish to control access to Connect from within the Gentran:Plus online subsystem. This is accomplished via the User ID Security Flag on the Configuration Maintenance screen (EDIM231) for the Gentran:Plus Options -- Record Type 3. To learn more about how Gentran:Plus interfaces with the Connect Security Interface, read the description for the Communication Security screen (EDIM40V) in the “Screens” chapter in this Guide.

Outbound Acknowledgment Program

EBDI021

The Gentran:Plus Outbound Acknowledgment Program creates \$\$ADD records for acknowledgments created in program EBDI001. The \$\$ADD records identify to which Communications subsystem mailbox the acknowledgments are to be directed. Gentran:Plus acknowledgments are identified by the Remote ID on the interchange record of the Partner file. If an interchange record is present, and the Remote ID is greater than spaces, a \$\$ADD record is created for that interchange. The Outbound Acknowledgments from program EBDI001 must be processed through EBDI110 before EBDI021.

The Partner Key on the \$\$ADD records is pulled from the ####INT record that precedes the acknowledgment interchange. If no ####INT record is created, the \$\$ADD record is created using the interchange record. GS/GE interchanges have no ####INT records and the Partner Key is pulled from the GS record. The interchange control number is used to create the \$\$ADD batch ID. This creates an audit trail between the Translation and Communications subsystems.

Use the Outbound Editor (EBDI002) for creation of the Gentran:Plus Direction Records.

WARNING: The file produced from program EBDI002 must be run through the Outbound Split program (EBDI016) to ensure separation of the Gentran:Plus interchanges to the correct trading partner.

Files Used

Input

SYS030 (80-character)

This file contains input parameters to the Outbound Acknowledgment program. These parameters are used to override the batch ID for up to 999 selected remote IDs. This can be used in the case of communications with the Commerce:Network to place the network password in the batch ID for the \$\$ADD. The parameter formats follow:

```
Pos 1 - 3 ID=
Pos 4 - 11 Communications remote ID
Pos 12 - BLANK
Pos 13 - 36 Batch ID
Example: ID=REMOTE PASSWORD
```

SYS040 (30,009-character variable)

This is the Acknowledgment file created in program EBDI110. Acknowledgments created by program EBDI001 must be run through EBDI110 before processing in EBDI021.

SYS090 Partner File

This file contains specific information for communications with individual trading partners.

SYS095 Partner X-Ref File

This file is used to cross-reference partner identifications when resolving senders and receivers of the acknowledgements

Note: This file is accessed only when processing in Partner/
Qualifier or Mixed mode

EDIPREL Partner Relationship File

This file is used to cross-reference partner identifications when resolving senders and receivers of the acknowledgements.

Note: This file is accessed only when processing in
Relationship mode.

EDICFG System Configuration File

This file contains Gentran system definition.

*Output***SYS050 (30,009-character)**

This is the Acknowledgment file with \$\$ADD records.

Databank Batch Number Update Program**EBDI081**

This program reads a Cross Reference file created by EBDIMBX and updates the EDI databanks with new communication batch numbers.

The databank records are updated with the batches that have been erased. Only those records that are in the Cross Reference file have their batch numbers updated to zero. The rest of the databank records are left alone.

Files Used**EDIPARM**

Parameter file. Valid value is **MAILBOX**.

EDIIEA Inbound Databank Directory

The batch numbers are zeroed or renumbered during a REORG or ERASE.

EDIOEA Outbound Databank Directory

The batch numbers are zeroed or renumbered during a REORG or ERASE.

XREFFILE

Cross reference file containing From/To batch numbers. The file is created by EBDIMBX.

EDISUM Summary Report

Contains input/output/update counts.

EDICFG System Configuration File

This file contains Gentran system definitions.

Connect Report Processor Program

EBDIMBX

The Connect Report Processor program operates in two modes, the ADD mode and the ERASE mode, to create temporary cross reference files.

In ADD mode, EBDIMBX creates a temporary cross reference file from the report generated by STOUTL ADD that lists the Gentran assigned X-Ref number and the actual Connect batch number assigned. This cross reference file is used to update the Outbound EDI databank records with the batch numbers.

In ERASE mode, EBDIMBX creates a temporary cross reference file from the report generated by STOUTL ERASE that lists the Communication batch numbers that have been erased. This cross reference file is then input into the Databank Batch Number Update program (EBDI081). EBDI081 updates the Inbound and Outbound EDI databank records to clear the batch numbers that have been erased.

Files Used

CMRPT

In ADD mode, this is the report generated by STOUTL ADD. It lists the Gentran assigned X-Ref number and the actual Communication batch number assigned by the ADD process.

In ERASE mode, this is the report generated by STOUTL ERASE. It lists the Communication batch numbers that have been erased.

CMXREF

In ADD mode this Temporary VSAM Cross Reference file is used to update the Outbound EDI databank.

In ERASE mode, this file is not used.

CMERASE

In ADD mode, this file is not used.

In ERASE mode, this file is created, listing from/to batch numbers for input into EBDI081. The 'to' batch numbers for all records generated by EBDIMBX is zero as these batches have been erased.

EDIOEA **Outbound Databank Directory**

In ADD mode, the Outbound EDI databank is processed to update records with X-Ref numbers with their actual communication batch numbers.

In ERASE mode, this file is not used.

EDISUM

This is a summary report indicating any errors and record counts.

EDICFG **System Configuration File**

This file contains Gentran system definitions.

INS TRADANET Reblocker Program**EBDI057**

This program reblocks the 80-byte EDI Data in accordance with the standards of the INS TRADANET Network. This program modifies the length of the block to be sent to the network and generates the appropriate fill characters.

Files Used*Input***SYS000 Parameter File**

This file supplies one parameter to the program which indicates the length of the record to generate. This length should match the length of the block to be sent to the network.

The parameter's format is **RECORD LENGTH=XXXX**, where **XXXX** is the length of the record to be generated. This can be any number from 1 to 2,000. Leading zeroes should be specified. The default value (if no length is specified) is 512 bytes.

Note: The record length information in the JCL for the SYS020 output file must match the specified record length or an S013 abend will result.

SYS010 EDI Data File

This file contains the 80-byte, unwrapped EDI data that was generated by the Outbound Editor program (EBDI002).

*Output***SYS020 Reblocked EDI Data File**

This file contains the reblocked EDI data. This file is processed by the Connect Offline Add utility.

INS TRADANET Command Generator Program

EBDI058

This program generates network “script commands for the INS TRADANET Network. Commands can be maintained online (under CICS) using the Network Command Interface screens or offline in an 80-byte PDS or 80-byte dataset, or in the JCL stream.

All STX data elements are generated from the Control information defined in the trading partner file for the network partner. The SNRF elements generated come from the Sender Reference field. Interchanges are numbered sequentially. If command generation is successful, the Sender Reference field of the Control Information is updated to reflect the last reference number generated. If command generation is not successful, the record is not updated, an appropriate error message is issued, and processing ends with a return code of 16.

The subsequent steps of the command generation job stream should be executed only if this program ends with a return code of zero.

Files Used

Input

See *Appendix B* of this guide for more detailed explanations of the input command formats.

SYS001 Parameter File

This file contains the valid parameters to be provided to the program, which follow:

MODE=XXXXXX

Where **XXXXXX** is the word BATCH or ONLINE. BATCH indicates that the commands to be processed are in an offline dataset or in the JCL stream. ONLINE indicates that the commands to be processed are in the online Network Command files. ONLINE is the default value.

COMMAND=XXXXXXXXXX

Where **XXXXXXXXXX** is the name of the command as defined to the Network Command Interface. This parameter is used only if **MODE=ONLINE** is specified.

NETWORK=XX

Where **XX** is the trading partner ID of the entry in the Partner file that defines the network. This parameter is used only if **MODE=BATCH** is specified and processing in Partner/Qualifier or Mixed mode.

QUAL=XXXX

Where **XXXX** is the trading partner ID qualifier of the entry in the Partner file that defines the network. This parameter is used only if **MODE=BATCH** is specified, processing in Partner/Qualifier or Mixed mode and the trading partner ID has a qualifier.

NETUSER=XXXXXXXXXXXX

Where **XXXXXXXXXXXX** is the Network User ID of the entry in the Partner file that defines the network. This parameter is used only if **MODE=BATCH** is specified and processing in Relationship mode.

NETPART=XXXXXXXXXXXXXXXXXX

Where **XXXXXXXXXXXXXXXXXX** is the Network Partner ID of the entry in the Partner file that defines the network. This parameter is used only if **MODE=BATCH** is specified and processing in Relationship mode.

RECEIVE=XX

Where **XX** is either GO or NG. This parameter causes all GO variants generated to have either the GO or NULLGO option respectively. See the INS TRADANET documentation for the ramifications of each option. The default for this parameter is GO. This parameter is only used if **MODE=BATCH** is specified.

SNRFLEN=XX

Where **XX** is either 6 or 14. This parameter causes the SNRF data element in the STX segment to be either 6 or 14 characters in length. The default for this parameter is 14. **SNRFLEN=06** should be specified if Command Set 1 is used. **SNRFLEN=14** should be specified if Command Set 2 is used.

EDICFG System Configuration File

This file contains Gentran system definitions.

SYS002 (80-character)

This is the sequential command file to be used if **MODE=BATCH** is specified.

SYS020 Network Command Definition File**SYS030 Network Command Detail File**

This file defines the format of the commands to be sent to INS.

ERRCTL Error Message and Control File

This file is used as a centralized message store.

SYS090 Partner File

This file contains all information defining the trading partner relationship.

SYS091 Outbound Partner Control File*Output***SYS003 (30,009-character variable)**

This file contains the generated network commands.

SYS005 (133-character) Error Report

This report lists command generation errors.

INS Network Report Tracker Program

EBDI059

This program processes the incoming reports from the INS TRADANET network, in the following two steps:

1. The program formats the report in a user-friendly format, including headers, page numbers, etc.
2. The program reads the List Post Box, Acknowledgment, and List Mailbox reports as data, then posts status information to the Gentran:Basic Outbound EDI Databank at the interchange level.

To use this facility, you must isolate the reports from the real EDI data in the inbound data stream. You can accomplish this task easily by establishing inbound splitting at the transaction (message) level. All reports sent by the INS TRADANET Service have a message ID of ICLANA.

The program updates the EDI databank when the List Post Box or Acknowledgment reports are received. The INS TRADANET file status and status date and time are stored on the databank. These fields are reported on the special databank inquiry report generated by program EBDI510 and are displayed on the Databank Interchange Directory screen.

Note: A maximum of 7,000 auditable report entries can be processed during one execution of this program.

Note: The Network Report Tracker program has two versions. Program EBDI059 is for users who are using Command Set 2. Program EBDI059A is for users who are using Command Set 1.

Files Used

Input

SYS001 Parameter File

This file contains the valid parameters to be provided to the program, which follow:

QUAL=XXXX Where **XXXX** is the qualifier to use to read the Partner Cross Reference file to get the Partner ID to use for the directory.

Specifying **QUAL=** with no qualifier is valid; in this case spaces are used as the qualifier.

SYS002 (30,009-character variable) INS TRADANET Report

This is the report received from the network.

SYS095 Partner X-Ref File

This file is used to cross-reference partner identification when processing in Partner/Qualifier or Mixed mode.

Note: This file is accessed only when processing in Partner/Qualifier or Mixed mode.

EDIPREL Partner Relationship File

This file is used to cross-reference partner identifications when processing in Relationship mode.

Note: This file is accessed only when processing in Relationship mode.

EDICFG System Configuration File

This file contains Gentran system definitions.

*Output***SYS003 (133-character)**

This file contains human readable INS TRADANET Network reports.

SYS005 (133-character) Error Report

This report lists report generation errors.

*Input/Output***EDIOEA Outbound EDI Databank Directory**

This directory is updated with status received on the network report.

EDIIEA Inbound EDI Databank Directory

This directory is updated with status received on the network report.

INS Network Command Purge Program

EBDI066

This program purges all of the NEWREL commands associated with a Network Command ID. The program should be run after the NEWREL commands have been transmitted successfully to the INS TRADANET Network Service to prevent retransmission. This program can be used to purge all detail commands associated with any Command ID.

Close the Network Header and Network Detail files to CICS prior to executing this program.

Files Used

Input

SYS001 Parameter File

This file contains the valid parameter to be provided to the program, which follows:

COMMAND=XXXXXXXXXX

Where **XXXXXXXXXX** is the name of the command as defined to the Network Command Interface.

SYS020 Network Command Definition File**SYS030 Network Command Detail File**

This file defines the format of the commands to be sent to INS.

ERRCTL Error Message and Control File

This is the centralized message store.

EDICFG System Configuration File

This file contains Gentran system definitions.

Output

SYS005 (133-character) Error Report

This report lists command generation errors.

Extract Utility

STOUTL

The Extract utility is a batch job run to pull (extract) batches from the Connect VSAM data queues after they are received from a trading partner or VAN. The Extract deblocks and decompresses the data and writes it to a sequential output file as it is read from the VSAM data queues. This sequential output file then is used as input into the Gentran inbound process.

To execute the Extract, you must run the offline utilities program STOUTL. This program is one of the Connect load modules which reside in the Connect load library.

The many parameters associated with the Extract function, as well as input/output files, are listed and explained in the “Offline Utilities” chapter of the *Connect:Enterprise OS/390 User's Guide*.

Note: Gentran:Viewpoint users only: The output report from the Extract utility goes to a file that is processed by the Gentran:Viewpoint Report Processing program (EDIN110). This program extracts information from the report and passes the information to Gentran:Viewpoint. The next step prints the file.

Add Utility

STOUTL

The Add utility is a batch job that loads data generated by Gentran to the Connect VSAM data queue, in order to transmit it. The Add utility reads data from a sequential file and writes it to the Connect VSAM file. By default, each logical record in the sequential dataset is one VSAM record on the Communication Data queue.

Note: Gentran:Viewpoint users only: The output report from the Add utility goes to a file that is processed by the Gentran:Viewpoint Report Processing program (EDIN110). This program adds information from the report and passes the information to Gentran:Viewpoint. The next step prints the file.

Assigning ID and BATCHID to Data Batches

The ID assigned to a batch when it is added to the Communication Data queue serves the following purposes:

- The ID identifies the batch with the ID that the data is logically housed under in the Communication Data queues.
- The ID must match a Remote ID in the communication profiles of Gentran:Plus in order to view the data with the CICS online environment.
- The ID also is used when data is to be sent in an autoconnect or is requested in a remoteconnect.

The BATCHID or BID assigned to a batch when data is added to the Communication Data queue is a free-form, 24-byte field that is used to define (comment) the batch. The BID enables you to group data with the same ID into separate logical piles. By default, in normal Gentran outbound processing, the BATCHID is populated with the interchange control number for each EDI interchange generated.

An ID/BATCHID can be assigned to a batch when it is added to the Communication Data queue in the following two ways:

- Through the SYSIN parameters
- Embedded \$\$ADD control cards in the input file

In normal Gentran outbound processing, \$\$ADD cards are placed at the beginning of each EDI interchange generated. Used as the input file to the Add function, this Gentran-generated file causes each interchange to be added to the Communication Data queues as one interchange per communication batch.

Note: If you have embedded \$\$ADD cards in your input file and you use the SYSIN parameter to assign the ID to the batch, the embedded \$\$ADD cards are added to the Communication Data queue as part of the data.

To execute the Add, you must run the offline utilities program STOUTL. This program is one of the Connect load modules which reside in the Connect load library.

The many different parameters and the input/output files associated with the Add function are listed and explained in the “Offline Utilities” chapter of the *Connect:Enterprise OS/390 User's Guide*.

File Maintenance Processing Program

STOUTL

The STOUTL batch utility is the main File Maintenance program for the Communications subsystem files. This utility removes unwanted data batches from the Connect VSAM data queue and cleans up any VSAM splits on those files.

The following member in the Gentran:Plus JCL Library execute the File Maintenance program:

REORGDB Reorganizes communications and databank files. Use this member under normal processing conditions.

The program EBDI081 is executed in the REORGDB jobstream. EBDI081 resynchronizes the databank with the communications data queues in order to maintain the ability to reference between the queue files.

Determining Frequency of File Maintenance

Frequency depends upon the amount of data flowing in and out of your system. File maintenance normally is scheduled on a weekly basis. However a very busy Connect region may need file maintenance two or three times a week.

This file maintenance process is designed to prevent file input/output from slowing down data communications. The more time between reorgs, the slower file input/output becomes. Long periods with no file maintenance can result in marked degradation of communication response time.

File Maintenance Procedure

The File Maintenance processing program (STOUTL) is a major component of the file maintenance job flow; several steps comprise the process. The recommended process for doing file maintenance on the Communications subsystem files follows.

Note: The VBQ that is being reorganized must be deallocated from the Online Mailbox prior to running this job.

1. Erase unwanted batches. **Required**

Run the Erase function on the queue file being reorganized. The Connect offline utility program STOUTL flags all unwanted batches as erased. This process physically removes the data from the file. The parameters for this job are defined in the “Offline Utilities” chapter of the *Connect:Enterprise OS/390 User’s Guide*.
2. Execute EBDIMBX. **Required if DB**

Process the report generated by the STOUTL erase function to build a batch number file to be processed by EBDI081.
3. Print the Report file. **Required if DB**

Prints the Report file processed in step 2 above.

-
- | | | |
|-----|---|-----------------------|
| 4. | Sort the the Batch Number file.
Sorts the Batch Number file created by EBDIMBX in step 2 above. | Required if DB |
| 5. | Allocate the Cross Reference file.
Delete/Define the Cross Reference file. | Required if DB |
| 6. | Load the Cross Reference file.
Loads the sorted Batch Number file to VSAM. | Required if DB |
| 7. | Execute EBDI081.
Program EBDI081 reads the Batch Number file and removes erased batches from the Databank Interchange Directory Records. | Required if DB |
| 8. | Allocate backup VBQ.
Delete/Define a backup VBQ. | Required if DB |
| 9. | Repro unerased batches to the backup queue.
Repro the contents of the production VBQ to backup. | Required if DB |
| 10. | Redefine Production VBQ.
Delete/Define the production VBQ. | Required if DB |
| 11. | Repro the backup VBQ to Production.
Repro the contents of the backup VBQ to the newly redefined production VBQ. This process cleans up any VSAM splits that existed prior to this Reorg. | Required if DB |

Network Toolkit

Overview

Value Added Networks (VANs) have become integral parts of many companies' EDI/communication solutions. The VANs offer a wide variety of services, including the services on the following list:

- Detailed tracking of incoming and outgoing data
- Conversion of data from one EDI standard to another
- Quick restoration of data
- Sophisticated communication and EDI support staffs

The *Gentran:Plus* Network Toolkit is designed to provide you with helpful and accurate information for your dealings with Value Added Networks. To assist you, the Toolkit's format provides a step-by-step guide to connecting with several popular VANs.

A Helpful Hints section within the Toolkit explains what to do and why, so you can avoid common pitfalls. Sample communication profiles and methods of adding data to the communications queues for as many VANs or popular networks as possible also are provided.

Using the Toolkit

The Network Toolkit consists of individual members for each VAN or Network about which information is currently available. This information is gathered from customers, so some of the Toolkit members are more complete than others. The examples provided in these Toolkit members were known to be accurate at the time they were composed.

A single member in the Gentran:Plus JCL Library acts as the directory member that points you to the additional members in the JCL Library for the individual networks. The member name is the following:

TOOLKIT Network Toolkit Directory member in the Gentran:Plus JCL Library.

The layout of the Network Toolkit members assumes a thorough understanding of the following procedures and concepts:

- The Connect procedures and parameters
- The Gentran:Plus concepts and flows
- Network-specific commands and session flows

Note: Any information that you would like to volunteer for the betterment of the Network Toolkit is welcome, and should be directed to Product Support — Communications.

Any questions on the syntax or use of any Network-specific commands should be directed to the appropriate Network.

File Descriptions

Overview

This chapter describes the files used by the Gentran:Plus subsystem.

Topic	Page
Internal Reader JCL File - LIST UtilityCOMLST	6-2
Communications Profile File.....COMPRF	6-3
Internal Reader JCL File - REPORT UtilityCOMRPT	6-5
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HOLIDAY File.....HOLIDAY	6-7
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Internal Reader JCL File - LIST Utility

COMLST

Description

This VSAM RRDS contains the JCL that is used to execute the STOUTL offline utility program with the LIST function to produce a formatted report of batches from the Connect VSAM batch files. This JCL was customized for your site during Gentran:Plus installation.

Activity

This is a static file with very low activity.

Program References

Program	Purpose
Communications List Report screen (EDIM416)	Read only

Disk Space Requirements

The COMLST file contains a small number of records, usually less than 50, with one record required for each JCL statement. The space requirement is minimal.

Data Set Recovery

The COMLST file can be recreated from a recent backup.

VSAM Data Set Definition

The JCL to define and load the COMLST file is located in JCL library member INMB2.

```

DEFINE -
  CLUSTER -
    (NAME (GENTRAN.V6X4.GPL.VSAM.LIST) -
    TRACKS (2) -
    VOLUME (XXXXXX) -
    NUMBERED -
    RECORDSIZE (80 80) -
    SHR (1 3)) -
  DATA -
    (NAME (GENTRAN.V6X4.GPL.VSAM.LIST.DATA) -
    CISZ(1024))

```

Communications Profile File**COMPRF****Description**

This VSAM KSDS contains the definitions for the Communications Profiles.

Activity

This is a static file with minimal activity.

Program References

Program	Purpose
Options Definition File Creation program (EDBI020)	Read only
Communication Directory screen (EDIM404)	Read only
Communication Profile screen (EDIM406)	Add, read, update, and delete
BISYNC Communication Profile screen (EDIM407)	Read and update
SNA Communication Profile screen (EMDIM408)	Read and update
SNA Remote Maintenance screen (EDIM409)	Read and update
Transmission Schedule screen (EDIM410)	Read and update
BISYNC Line Maintenance screen (EDIM414)	Read and update
ID List Maintenance screen (EDIM419)	Read and update
FTP Client Communication Profile screen (EDIM420)	Read and update
FTP Client Communication Ports screen (EDIM421)	Read and update
FTP Server Communication Profile screen (EDIM422)	Read and update
FTP Server Communication Profile Remote Maintenance—Part 1 screen (EDIM423)	Read and update
FTP Server Communication Ports screen (EDIM424)	Read and update
FTP Server Communication Profile Remote Maintenance—Part 2 screen (EDIM425)	Read and update

Disk Space Requirements

The COMPRF file contains one record for each Communications Profile you define to your Gentran:Plus system. The capacity of fifteen tracks is approximately 100 records so adjust the primary allocation based upon your storage.

Data Set Recovery

The COMPRF file can be recreated from a recent backup.

VSAM Data Set Definition

The JCL to define and load the COMPRF file is located in JCL library member INMB6.

```
DEFINE -
  CLUSTER -
    (NAME (GENTRAN.V6X4.GPL.VSAM.PROFILE) -
    TRACKS (15 5) -
    VOLUMES (XXXXXX) -
    FREESPACE (50 10) -
    CISZ (4096) -
    SHAREOPTIONS (2) -
    INDEXED -
    KEYS (16 0) -
    RECORDSIZE (1500 1500) -
  DATA -
    (NAME (GENTRAN.V6X4.GPL.VSAM.PROFILE.DATA) ) -
  INDEX -
    (NAME (GENTRAN.V6X4.GPL.VSAM.PROFILE.INDEX) )
```

Internal Reader JCL File - REPORT Utility**COMRPT****Description**

This VSAM RRDS contains the JCL that is used to execute the STOUTL offline utility program with the REPORT function to produce a formatted report of Auto Connect and Remote Connect activity. This JCL was customized for your site during Gentran:Plus installation.

Activity

This is a static file with very low activity.

Program References

Program	Purpose
Communications Log Report screen (EDIM417)	Read only

Disk Space Requirements

The COMRPT file contains a small number of records, usually less than 50, with one record required for each JCL statement. The space requirement is minimal.

Data Set Recovery

The COMRPT file can be recreated from a recent backup.

VSAM Data Set Definition

The JCL to define and load the COMRPT file is located in JCL library member INMB2.

```

DEFINE -
  CLUSTER -
    (NAME (GENTRAN.V6X4.GPL.VSAM.REPORT) -
      TRACKS (3) -
      VOLUME (XXXXXX) -
      NUMBERED -
      RECORDSIZE (80 80) -
      SHR (1 3)) -
  DATA -
    (NAME (GENTRAN.V6X4.GPL.VSAM.REPORT.DATA) -
      CISZ (1024))

```

Internal Reader JCL File - STATFLG Utility**COMSTAT****Description**

This VSAM RRDS contains the JCL that is used to execute the STOUTL offline utility program with the STATFLG function to change the batch status flags in the Connect VPF and VCF files. This JCL was customized for your site during Gentran:Plus installation.

Activity

This is a static file with very low activity.

Program References

Program	Purpose
Status Maintenance screen (EDIM413)	Read only

Disk Space Requirements

The COMSTAT field contains a small number of records, usually less than 50, with one record required for each JCL statement. The space requirement is minimal.

Data Set Recovery

The COMSTAT file can be recreated from a recent backup.

VSAM Data Set Definition

The JCL to define and load the COMSTAT file is located in JCL library member INMB2.

```

DEFINE -
  CLUSTER -
    (NAME (GENTRAN.V6X4.GPL.VSAM.STATFLG) -
    TRACKS (3) -
    VOLUME (XXXXXX) -
    NUMBERED -
    RECORDSIZE (80 80) -
    SHR (1 3)) -
  DATA -
    (NAME (GENTRAN.V6X4.GPL.VSAM.STATFLG.DATA) -
    CISZ (1024))

```

HOLIDAY File**HOLIDAY****Description**

This VSAM KSDS contains the definitions for the Holiday Processing Schedule.

Activity

This is a low usage file with minimal activity.

Program References

Program	Purpose
Options Definition File Creation program (EBDI020)	Read only
Holiday Processing Schedule screen (EDIM415)	Add, read, update, and delete

Disk Space Requirements

The HOLIDAY file contains one record for each Holiday you define to your Gentran:Plus system. The space requirement is minimal.

Data Set Recovery

The HOLIDAY file can be recreated from a recent backup.

VSAM Data Set Definition

The JCL to define and load the HOLIDAY file is located in JCL library member INMB7.

```

DEFINE -
  CLUSTER -
    (NAME (GENTRAN.V6X4.GPL.VSAM.HOLIDAY) -
    TRACKS (2 5) -
    VOLUMES (XXXXXX) -
    FREESPACE (50 10) -
    CISZ (4096) -
    SHAREOPTIONS (2) -
    INDEXED -
    KEYS (8 0) -
    RECORDSIZE (74 74)) -
    SHR (1 3) -
  DATA -
    (NAME (GENTRAN.V6X4.GPL.VSAM.HOLIDAY.DATA)) -
  INDEX -
    (NAME (GENTRAN.V6X4.GPL.VSAM.HOLIDAY.INDEX))

```

Network Command Detail File

NETDTL

Description

This VSAM KSDS contains the detail definitions for the INS Network Commands.

Activity

This is a low usage file with minimal activity.

Program References

Program	Purpose
INS Network Command Generator program (EBDI058)	Read only
INS Network Command Purge program (EBDI066)	Read and delete
Network Command Definition screen (EDIM452)	Read and delete
Network Command Maintenance screen (EDIM453)	Add, read, update, and delete

Disk Space Requirements

The NETDTL file contains at least one record for each INS Network Command you define to your Gentran:Plus system. The space requirement is minimal.

Data Set Recovery

The NETDTL file can be recreated from a recent backup.

VSAM Data Set Definition

The JCL to define and load the NETDTL file is located in JCL library member INMB8.

```

DEFINE -
  CLUSTER -
    (NAME (GENTRAN.V6X4.GPL.VSAM.DETAIL) -
    TRACKS (15 5) -
    VOLUMES (XXXXXX) -
    SHAREOPTIONS (3 3) -
    CISZ (2048) -
    KEYS (14 0) -
    RECORDSIZE (90 90)) -
  DATA -
    (NAME (GENTRAN.V6X4.GPL.VSAM.DETAIL.DATA) ) -
  INDEX -
    (NAME (GENTRAN.V6X4.GPL.VSAM.DETAIL.INDEX) )

```


Network Command Header File

NETHDR

Description

This VSAM KSDS contains the header definitions for the INS Network Commands.

Activity

This is a low usage file with minimal activity.

Program References

Program	Purpose
INS Network Command Generator program (EBDI058)	Read only
INS Network Command Purge program (EBDI066)	Read only
Network Command Directory screen (EDIM451)	Read only
Network Command Definition screen (EDIM452)	Add, read, update, and delete
Network Command Maintenance screen (EDIM453)	Read and update

Disk Space Requirements

The NETHDR file contains one record for each INS Network Command you define to your Gentran:Plus system. The space requirement is minimal.

Data Set Recovery

The NETHDR file can be recreated from a recent backup.

VSAM Data Set Definition

The JCL to define and load the NETHDR file is located in JCL library member INMB8.

```

DEFINE -
  CLUSTER -
    (NAME (GENTRAN.V6X4.GPL.VSAM.HEADER) -
    TRACKS (5 1) -
    VOLUMES (XXXXXX) -
    SHAREOPTIONS (3 3) -
    CISZ (2048) -
    KEYS (10 0) -
    RECORDSIZE (120 120)) -
  DATA -
    (NAME (GENTRAN.V6X4.GPL.VSAM.HEADER.DATA) ) -
  INDEX -
    (NAME (GENTRAN.V6X4.GPL.VSAM.HEADER.INDEX) )

```

REMOTE File**REMOTE****Description**

This VSAM KSDS contains the definitions for the Remote IDs.

Activity

This is a low usage file with minimal activity.

Program References

Program	Purpose
Options Definition File Creation program (EBDI020)	Read only
Interchange Status screen (EDIM40E)	Read only
Interchange Status screen (EDIM40M)	Read only
Interchange Detail screen (EDIM402)	Read only
Interchange Line Detail screen (EDIM403)	Read only
Communication Directory screen (EDIM404)	Read only
Control File Change Audit screen (EDIM405)	Read only
Communication Profile screen (EDIM406)	Add, read, update, and delete
BISYNC Communication Profile screen (EDIM407)	Read only
SNA Communication Profile screen (EDIM408)	Read only
SNA Remote Maintenance screen (EDIM409)	Read and update
Transmission Schedule screen (EDIM410)	Read only
Auto Connect History screen (EDIM411)	Read only
Remote Connect History screen (EDIM412)	Read only
Status Maintenance screen (EDIM413)	Read only
BISYNC Line Maintenance screen (EDIM414)	Read only
Communications List Report screen (EDIM416)	Read only
ID List Maintenance screen (EDIM419)	Read only
FTP Client Communication Profile screen (EDIM420)	Read only
FTP Client Communication Ports screen (EDIM421)	Read only
FTP Server Communication Profile screen (EDIM422)	Read only
FTP Server Communication Profile Remote Maintenance—Part 1 screen (EDIM423)	Read and update
FTP Server Communication Ports screen (EDIM424)	Read and update
FTP Server Communication Profile Remote Maintenance—Part 2 screen (EDIM425)	Read and update

Disk Space Requirements

The REMOTE file contains one record for each Remote ID you define to your Gentran:Plus system. Because of the small record size, the space requirement is minimal.

Data Set Recovery

The REMOTE file can be recreated from a recent backup.

VSAM Data Set Definition

The JCL to define and load the REMOTE file is located in JCL library member INMB6.

```
DEFINE -
  CLUSTER -
    (NAME (GENTRAN.V6X4.GPL.VSAM.REMOTE) -
    TRACKS (2 5) -
    VOLUMES (XXXXXX) -
    FREESPACE (50 10) -
    CISZ (4096) -
    SHAREOPTIONS (2) -
    INDEXED -
    KEYS (16 0) -
    RECORDSIZE (38 38)) -
  DATA -
    (NAME (GENTRAN.V6X4.GPL.VSAM.REMOTE.DATA) ) -
  INDEX -
    (NAME (GENTRAN.V6X4.GPL.VSAM.REMOTE.INDEX) )
```

Change Audit File

VSAMAUD

Description

This VSAM KSDS contains the history Batch Status Flag updates.

Activity

This is a low usage file with minimal activity.

Program References

Program	Purpose
Control File Change Audit screen (EDIM405)	Read only
Status Maintenance screen (EDIM413)	Add only

Disk Space Requirements

The VSAMAUD file contains one record for each Batch Status Flag update you have performed using your Gentran:Plus system. The space requirement is minimal.

Data Set Recovery

The VSAMAUD file can be recreated from a recent backup.

VSAM Data Set Definition

The JCL to define and load the VSAMAUD file is located in JCL library member INMB7.

```

DEFINE -
  CLUSTER -
    (NAME (GENTRAN.V6X4.GPL.VSAM.CHANGE.AUDIT) -
    TRACKS (15 5) -
    VOLUMES (XXXXXX) -
    FREESPACE (50 10) -
    CISZ (2048) -
    SHAREOPTIONS (3) -
    INDEXED -
    KEYS (31 0) -
    RECORDSIZE (150 150)) -
  DATA -
    (NAME (GENTRAN.V6X4.GPL.VSAM.CHANGE.AUDIT.DATA)) -
  INDEX -
    (NAME (GENTRAN.V6X4.GPL.VSAM.CHANGE.AUDIT.INDEX))

```

Jump Codes

Jump Codes by Screen Title

The following tables list the jump codes for the Gentran:Plus menus and screens. The screens are listed by title in the order in which they are displayed on the Gentran:Plus menus.

For a listing of jump codes listed by screen name, see the next section in this appendix, Jump Codes by Screen Name.

Screen Title	Screen	Jump Codes	
	Name	Numeric	Alphabetic
Communications Session Maintenance Selection Menu	EDIM40A	6.6	PLUS.MENU PLUS.SESS
Communications Maintenance Utility Menu	EDIM40B	6.8	PLUS.UMENU PLUS.UTL PLUS.UTIL
Communications Maintenance History Log Menu	EDIM40C	6.4	PLUS.HLOG
Interchange Status	EDIM40E EDIM40M	6.2	PLUS.ISTAT
Plus Main Menu	EDIM400	6.0 6	PLUS
Interchange Detail	EDIM402	6.3	PLUS.IDTL PLUS.IDET
Communication Directory	EDIM404	6.6.1 6.1	PLUS.DIR
Control File Change Audit	EDIM405	6.5	PLUS.AUD PLUS.AUDIT PLUS.CA
Communication Profile	EDIM406	6.6.2	PLUS.PRF PLUS.PROF
Transmission Schedule	EDIM410	6.6.4	PLUS.SCH
Auto Connect History	EDIM411	6.4.1	PLUS.AHST PLUS.AHIST
Remote Connect History	EDIM412	6.4.2	PLUS.RHST PLUS.RHIST
Status Maintenance	EDIM413	6.8.1	PLUS.STAT

Screen Title	Screen	Jump Codes	
	Name	Numeric	Alphabetic
BISYNC Line Maintenance	EDIM414	6.6.3	PLUS.BLIN PLUS.LINE
Holiday Processing Schedule	EDIM415	6.7	PLUS.HOL
Communications List Report	EDIM416	6.8.3	PLUS.RPT PLUS.LST PLUS.LIST
Communications Log Report	EDIM417	6.8.2	PLUS.LOG
Network Command Interface Selection Menu	EDIM450	6.6.5	PLUS.NMENU PLUS.NET
Network Command Directory	EDIM451	6.6.5.1	PLUS.NDIR
Network Command Definition	EDIM452	6.6.5.2	PLUS.NDEF

Jump Codes by Screen Name

The following tables list the jump codes for the Gentran:Plus menus and screens. The screens are listed by screen name (EDIMXXX) and are arranged strictly in alphanumeric order, regardless of the menu arrangement.

For a listing of jump codes listed by screen title, in the order in which they are displayed on Gentran:Plus menus, see the previous section in this appendix, Jump Codes by Screen Title.

Screen		Jump Codes	
Name	Screen Title	Numeric	Alphabetic
EDIM40A	Communications Session Maintenance Selection Menu	6.6	PLUS.MENU PLUS.SESS
EDIM40B	Communications Maintenance Utility Menu	6.8	PLUS.UMENU PLUS.UTL PLUS.UTIL
EDIM40C	Communications Maintenance History Log Menu	6.4	PLUS.HLOG
EDIM40E EDIM40M	Interchange Status	6.2	PLUS.ISTAT
EDIM400	Plus Main Menu	6.0 6	PLUS
EDIM402	Interchange Detail	6.3	PLUS.IDTL PLUS.IDET
EDIM404	Communication Directory	6.6.1 6.1	PLUS.DIR
EDIM405	Control File Change Audit	6.5	PLUS.AUD PLUS.AUDIT PLUS.CA
EDIM406	Communication Profile	6.6.2	PLUS.PRF PLUS.PROF
EDIM410	Transmission Schedule	6.6.4	PLUS.SCH
EDIM411	Auto Connect History	6.4.1	PLUS.AHST PLUS.AHIST
EDIM412	Remote Connect History	6.4.2	PLUS.RHST PLUS.RHIST
EDIM413	Status Maintenance	6.8.1	PLUS.STAT
EDIM414	BISYNC Line Maintenance	6.6.3	PLUS.BLINE PLUS.LINE
EDIM415	Holiday Processing Schedule	6.7	PLUS.HOL
EDIM416	Communications List Report	6.8.3	PLUS.RPT PLUS.LST PLUS.LIST

Screen		Jump Codes	
Name	Screen Title	Numeric	Alphabetic
EDIM417	Communications Log Report	6.8.2	PLUS.LOG
EDIM450	Network Command Interface Selection Menu	6.6.5	PLUS.NMENU PLUS.NET
EDIM451	Network Command Directory	6.6.5.1	PLUS.NDIR
EDIM452	Network Command Definition	6.6.5.2	PLUS.NDEF

Command Examples

The following are examples of some commands as they should be entered in the network command interface. Use the format of the commands as they are illustrated in this appendix, regardless of whether they are entered in batch or online mode. Begin typing each command or parameter in column 1. Please note that all text in italics indicates comments — this text is not included as part of the command or parameters.

Many commands use a file ID as a parameter. The file ID is made up of a four-character sender TRADANET user number (TUN), a four-character receiver TUN and the sender's reference (SNRF). The SNRF is at least one character long and no more than 6 (command set 1) or 14 (command set 2) characters long.

All commands use the syntax presented in the *TRADANET User Guide* (published February 1988). The exception is that the command/parameter prefix (**P00=** through **P99=**) is not specified.

List Commands

Type the List commands (Postbox, Mailbox and Relationship) with no parameters.

LISTP	list post box
LISTM	list mailbox
LISTR	list trading relationships

Delete Command

The Delete command requires at least one parameter to indicate what files are to be deleted. The *UNWANTED and *FILES options require additional parameters to indicate specific files to be deleted.

DELF *ALL	delete all previously retrieved files
DELF *BEFORECURRENT	delete all previously extracted files older than today
DELF *BEFORECURRENT-03	delete all previously extracted files over 3 days old
DELF *BEFORE151091	delete all previously extracted files older than 15 October 1991
DELF ORDHDR	delete the previously retrieved files identified by file type ORDHDR

DELF *FILES XXXXYYYYR1 XXXXYYYYR2 XXXXYYYYR3	delete the previously retrieved files identified as XXXXYYYYR1, XXXXYYYYR2, AND XXXXYYYYR3
DELF *UNWANTED XXXXYYYYR1	delete the file (that was never retrieved) identified as XXXXYYYYR1

New Password Command

The New Password command establishes a new network password. This password goes into effect at the next midday (12:00 hours). To process correctly when the new password takes effect, the RECEIVER REFERENCE field on the trading partner file, must be updated on the network partner with this new password.

NEWP PASS1	change the network password to PASS1
---------------	--------------------------------------

New Relationship Command

The New Relationship command defines a relationship (one-way) with a trading partner. This command has four required parameters. These parameters must be entered in the following sequence.

NEWREL USR1 *SEND *ESTABLISH ORDHDR	establish a relationship with USR1 to send purchase orders
NEWREL USR1 *RECEIVE *CANCEL ORDHDR	cancel a relationship with USR1 to receive purchase orders
NEWREL *ANYBODY *SEND *CANCEL ORDHDR	cancel a relationship with all users to send purchase orders
NEWREL USR1 *SEND *ESTABLISH *ANY	establish a relationship with USR1 to send any document

Select Files Command

The Select Files command selects files to be processed. At least one parameter is required to indicate which files to select. The *FILES or *AGAIN parameters require at least one extra parameter to indicate the specific file(s) for processing.

SELF *ALL	select all files not previously extracted
SELF ORDHDR	select all files not previously extracted of type ORDHDR.
SELF *AGAIN XXXXYYYYR1 XXXXYYYYR2	select previously retrieved files XXXXYYYYR1 and XXXXYYYYR2
SELF *FILES XXXXYYYYR1 XXXXYYYYR2	select files not previously extracted XXXXYYYYR1 and XXXXYYYYR2

GO Facility

The GO facility causes files to be retrieved from the network. The GO command has many variants. Review the INS TRADANET Network Services documentation to determine all of the available options.

The command can be sent to the network in one of two forms. The first form is GO. When GO commands are sent in this form, then a failed transmission can be restarted, and the INS TRADANET Service will transmit only those files which have not been extracted successfully. Because of the way the Communications subsystem interacts with the network, this command format is not supported currently.

The other GO command format is NG (for NULLGO). On a failed extraction session, all eligible files are extracted again. This is the format that should be used for Gentran:Plus.

When they are entered (online or batch), GO commands, are always in the GO format. NG processing is selected by entering NG in the Receive Option field on the Network Command ID screen for online commands, or by specifying the **RECEIVE=NG** parameter for batch commands.

GO	retrieve all selected files
GO ALL	retrieve all unextracted files
GO USER:USR1	retrieve all unextracted files from USR1
GO TYPE:ORDHDR	retrieve all unextracted files of type ORDHDR
GO FILE:XXXXYYYYR1	retrieve unextracted file ID XXXXYYYYR1
GO AGAIN:XXXXYYYYR1	retrieve previously extracted file ID XXXXYYYYR1

Note: Only one GO command should be specified per session. The Network correctly processes the last GO command specified in the data stream, ignoring any others.

Transmitting Data

Data is transmitted to the network from the Communications subsystem in batches. Gentran:Plus creates a batch for each interchange of data. If a transmission failure occurs and communications are re-established, the Communications subsystem begins transmitting data at the batch or interchange where the failure occurred. Successfully transmitted batches are not re-transmitted.

The Communications subsystem marks batches as successfully transmitted, however, the INS TRADANET Service may not show all of those batches as received. For this reason, if a failure occurs, the entire transmission should be resent to the network. Accomplish this with the following procedure:

1. Create a Post Box Listing report. This report shows the interchanges in the Post Box.
2. Note all interchanges on the Communications subsystem queues with no corresponding entry on the Post Box List. In Gentran:Plus, the Communications subsystem batch ID will equal the Sender's Reference, if the user does not override it.
3. Change the status of these interchanges on the Communications subsystem queues so that they are re-transmittable. Use either the batch STATFLG utility or the online Gentran:Plus screens.

Glossary

See the Glossary in the *Gentran:Basic for zSeries Release 6.4 User's Guide* or *Technical Reference Guide* for additional terms and definitions related to Gentran processing.

Auto connect

A connection that is pre-scheduled to be made between your Connect system and a remote site.

Auto connect list

A subsection of the *CONNECT section of the Option Definition file (ODF). Each auto connect list has its own specified options and list of remote sites.

Blocking Factor

The ability of the Connect system to block several data records for more efficient transmission of data.

Communications Subsystem

The Connect software system that enables inbound and outbound communications lines, automatic dialing, mailbox storage for data batches, and multiple communications protocol support in Gentran:Plus.

Communications Setup and Management Subsystem

The Gentran:Plus software that enables you to define communication profiles for Trading Partners/Networks according to a variety of criteria and to view and update the status and history of your EDI communications.

Connect

A software system that, when used as the Communications subsystem with Gentran:Plus, provides inbound and outbound communications lines, automatic dialing, mailbox storage for data batches, and multiple communications protocol support. This system contains a CICS Management and Control Facility that provides the user with added communications control.

Data Compression

A process in the Connect system wherein multiple repetitive characters are represented by a short string, reducing the amount of data that must be transmitted.

Gentran:Control

An add-on product to Gentran:Basic that enables you to automate the EDI processing stream and prioritize processing by Trading Partner and/or type of document. Gentran:Control enables you to organize processing and responsiveness based upon business criteria, not system limitations. In addition, the application and communications gateways expedite the movement of documents across the batch/CICS barrier.

Gentran:Plus

A comprehensive software system that provides a seamless application-to-EDI interface. Gentran:Plus can work in conjunction with Gentran:Basic, or as a stand-alone product. Gentran:Plus contains these three subsystems: Communications, Translation, and Communications Setup and Management. Gentran:Plus can accommodate an unlimited number of transactions while using an unlimited number of EDI standards versions. It supports multiple lines with different protocols for concurrent EDI sessions. This combination of translation, communications, and mailboxing represents a highly efficient EDI resource that can be used to automate your communications needs.

Gentran:Realtime

An add-on product to Gentran:Basic that facilitates the transmission of data processing in an operating mode when data is entered in an interactive session, rather than a batch session. Response time is drastically reduced over batch processing, providing the competitive benefits of online speed, flexible control, and universal EDI standards to many business applications.

Gentran:Structure

An add-on product to Gentran:Basic that enables you to define proprietary fixed-format standards using the Standards subsystem, and to map to and from these standards using the Inbound and Outbound Mapping programs.

Gentran:Viewpoint

A Gentran product that consists of these two modules: Exception Management and Tracking Management. Exception Management enables you to capture exception information, notify the appropriate user, and optionally take automated action for exceptions that are specific to their EDI business needs. Tracking Management is an optional module that enables you to query on the status and history of a document as it moves through the entire end-to-end EDI environment.

Listname

The name assigned to an auto connect list, each of which has its own specified options and list of remote sites.

LU Name

A Logical Unit defined in an SNA network. A Logical Unit provides the port for user access to an SNA network. Each SNA remote device that can establish a session with Connect is a Logical Unit.

Mailbox

A 1- to 8-character name used to identify Connect batches on the VSAM batch files. Usually a single Mailbox is assigned to each remote site for its exclusive use.

Remote ID

A 1- to 8-character name assigned to identify Connect batches on the VSAM batch files. Usually a single Remote ID is assigned to each remote site for its exclusive use.

Scripts

A series of instructions that enable Connect to signon, transmit/receive data, and signoff a network.

Translation Subsystem

The Gentran:Basic software system that validates EDI standards, performs compliance checking, performs mapping to and from EDI standards, performs error rejection, completes acknowledgment processing, and enables file splitting in Gentran:Plus.

Value Added Networks (VANS)

Networks providing services such as tracking of incoming and outgoing data, conversion of data from one standard to another, and sophisticated support staffs to many companies using EDI.

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