Gentran:Viewpoint® for iSeries®

for Gentran:Server

Release 3.4

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Overview

What is Gentran:Viewpoint?

Introduction

Gentran:Viewpoint® lets you see EDI (electronic data interchange) data from a business perspective. Within Gentran:Server, the EDI data you see is arranged by interchange, group and transaction, which is the most efficient arrangement for EDI purposes, but not necessarily for business purposes. In Gentran:Viewpoint, you see your EDI data as individual business documents, such as purchase orders and invoices. You decide what to view, what the business documents are called, and how they are sorted and displayed.

Note
Gentran:Viewpoint is an add-on software package for Gentran:Server for iSeries Release 3.4. You must have Gentran:Server Release 3.4 installed and running in order to use Gentran:Viewpoint 3.4.

What Does Gentran:Viewpoint Do?

Overview

Gentran:Viewpoint works in conjunction with *tracking points* located throughout the EDI environment. Tracking points are the processing steps that a business document passes through in the EDI environment (and if you choose, your applications).

Description of inbound tracking points

Inbound EDI tracking points are described in this table.

Inbound Tracking Points	Information tracked for each Business Document
Inbound Editor	Date and Time processed by Inbound Editor, status of document after compliance-checking EDI data to Standards Possible statuses: Normal/Reject/Error
Inbound Mapper	Date and Time processed by Inbound Mapper, status of document after mapping to your application files Possible statuses: Normal/Reject/Error
Acknowledged	Date and Time acknowledgment generated by Outbound Editor, status of acknowledgment Possible statuses: Normal/Reject/Error
User Application	If set up as tracking point, date and time processed by user application, status of document after processing through your own application program Possible statuses: Defined by user

Description of outbound tracking points

Outbound EDI tracking points are described in this table.

Outbound Tracking Points	Information tracked for each Business Document
User Application	If set up as tracking point, date and time processed by user application, status of document after processing through your own application program Possible statuses: Defined by user
Outbound Mapper	Date and Time processed by Outbound Mapper, status of document after mapping from your application files Possible statuses: Normal/Reject/Error
Outbound Editor	Date and Time processed by Outbound Editor, status of document after compliance-checking EDI data to Standards Possible statuses: Normal/Error
Transmitted	Date and Time transmitted to Network or directly to trading partner, status of document after communications Possible statuses: Normal/Abnorm
Three network tracking points: • Network Received • Network Processed • Partner Picked-up	Possible status: • Normal/Error • Normal/Error • Normal/Error
Acknowledged	Date and Time acknowledged by trading partner Possible statuses: Normal/Reject/Error

Gentran:Viewpoint looks at each business document at each tracking point and compares it to the document definitions you create. When Gentran:Viewpoint finds a business document to be tracked, it stores the date and time the document was processed by the tracking point, the document's processing status, and the EDI data elements chosen.

Using Viewpoint

Using Gentran:Viewpoint involves four main activities.

Activity	Description
Document Definition	Choose the business documents to track within Gentran:Viewpoint (business documents are purchase orders, invoices, shipping notices, etc.) and tell Gentran:Viewpoint exactly what to look for: the Standards version, transaction ID, partner and qualifier, inbound or outbound. This information is saved for each type of business document in a document definition.
Choose EDI data elements	For each document definition you create, you choose up to six EDI elements to be used as "document selection fields," which you can view for each business document tracked. You decide on the Gentran:Viewpoint field name for each element. **Example** Instead of seeing an ANSI 850 Purchase Order Number in a field called "BEG 003," you can choose a name you would use in your business, such as "PO #."
Error Selection	Choose Gentran:Server errors to be tracked. You can track different errors for each document definition.
Query	Once EDI processing has taken place, you can view tracked data using Gentran:Viewpoint's Basic Inquiry or Document Query options.

Prepare to Use Gentran:Viewpoint

Overview

Work with Environment Control

Environment Control for Gentran:Viewpoint is similar to that of the other Gentran:Server subsystems. You must define the level of access each user needs to the Gentran:Viewpoint system.

Reference
See your System Administrator, and review the Environment Control chapter of the *Gentran:Server for iSeries User Guide* for more information on setting up Environment Control.

Offline Preparation

Which documents should I track?

Several questions must be answered to determine which documents to track. First, for what documents will you need tracking information? To review briefly, tracking information includes the date, time, and status of each tracked document for each tracking point. Data from up to six user-selected EDI segment/element fields is also kept to identify individual documents. Answer the questions below for each document definition that you create:

Questions for Document Selection

- What information am I looking for? (Purchase Orders, Invoices, Acknowledgments, Shipping Notices)
- What information is most useful from a business perspective?
- What information am I asked for most often?
- Which partners do I need the information for? All, several, or just one?
- What versions of the EDI standard do I use for the document I want to track?

Recommendation

Start using Gentran:Viewpoint with just one or two documents—you can add more as you become familiar with the system and your information needs.

What Data should I track for each document?

Once you have selected the types of documents to track, define the transaction fields for each document. These fields are referred to as the document definition's *document selection fields*. Up to six may be selected. Gentran:Viewpoint then stores the information for those fields from each document that is tracked.

Example

The document selection fields chosen for an inbound purchase order might be:

- PO Number
- Vendor
- PO Type
- Quantity Ordered
- Total PO Amount

Choose fields that contain information that identifies each individual document and that you will want available for viewing once the documents have been tracked. These fields can also be used for searches when using Gentran:Viewpoint's query options.

(Continued on next page)

Example

You could choose to see only purchase orders that have a Total PO Amount of over $100,000. The document selection fields enable you to view just the tracking data you want to see.

What errors should I track?

In Gentran:Viewpoint, you can define up to 25 ranges of Gentran:Server errors or individual errors to be tracked for each document. Select the Gentran:Server error messages that are most important or will impact processing.

Panel Quick Reference

Viewpoint panels

This table describes the purpose and access methods for the panels in Gentran:Viewpoint.

Panel Name	Purpose	Access Methods
GENVPT	Main menu for accessing Gentran:Viewpoint options and functions	• Select option 12 on GENMAIN • Type GO GENVPT on command line • Type J VP on command line
EDIX800-FMT01 Work with Viewpoint	Work with Viewpoint document definition	• Select option 1 on GENVPT • Type EXCPGM EDIX800 on command line • Type J VP or J 800 on command line
EDIX808-FMT01 Document Definition	Enter/edit document definitions to be tracked	• Select options 1 through 5 on EDIX800-FMT01 • Type EXCPGM EDIX808 on command line
EDIX801-CTL01 Document Selection Fields	Enter/edit document selection fields for a document definition	• Select option 11 on EDIX800-FMT01 • Type EXCPGM EDIX801 on command line
EDIX802-CTL01 Exception Error Selection	Select Gentran:Server errors to be tracked	• Select option 12 on EDIX800-FMT01

(Continued on next page)

(Contd) Panel Name	Purpose	Access Methods
EDIX814-FMT00 Network Report ID	Enter Network ID to be used with communications profile and session name	• Select option 13 on EDIX800-FMT01 • Type EXCPGM EDIX814 on command line
EDIX814-CTL01 Network Report ID Interface	Enter communications profile and session name	• Press **Enter** on EDIX814-FMT00
EDIX803-FMT00 Basic Inquiry	Perform basic inquiry on a document	• Select option 14 on EDIX800-FMT01 • Type EXCPGM EDIX803 on command line
EDIX803-CTL01 Basic Inquiry	See documents tracked by Gentran:Viewpoint	• Press **Enter** on EDIX803-FMT00
EDIX810-FMT01 Work with Document Queries	Perform extended queries to view selected tracked document(s)	• Select option 15 on EDIX800-FMT01 • Type EXCPGM EDIX810 on command line • Select option 2 from GENVPT • Type J VPQ or J 810 on command line
EDIX809-FMT01 Document Query Definition	Enter/edit extended queries	• Select options 1 through 5 on EDIX810-FMT01
EDIX811-CTL01 Query Record Selection	Enter/edit search criteria for extended queries	• Select option 11 on EDIX810-FMT01
EDIX812-CTL01 Query Results	See documents tracked by Gentran:Viewpoint (Continued on next page)	• Select option 12 on EDIX811-CTL01

(Contd) Panel Name	Purpose	Access Methods
EDIX804-CTL01 Document History	See EDI history for a document	• Select option 11 on EDIX803-CTL01 or on EDIX812-CTL01
EDIX805-CTL01 Error Messages	See information on tracked Gentran:Server errors for a document	• Select option 11 on EDIX804-CTL01
EDIX453 Transaction Inquiry	See transaction-level information on a document	• Select option 12 on EDIX804-CTL01
EDIX454	See segment level information on a document	• Press **Enter** with the cursor on the specified segment on EDIX451
EDIX455	See element level information on a document	• Select option 1 on EDIX454 for the specified element
EDIX813-FMT00 Network Account IDs	For IBM Europe Networks users only: enter Network name	• Select option 16 on EDIX800-FMT01 • Type EXCPGM EDIX813 on command line
EDIX813-CTL01 Network Account IDs	For IBM Europe Networks users only: enter Network ID	• Press **Enter** on EDIX813-FMT00
PRGVPT	Purge Gentran:Viewpoint history	• Select option 10 on GENVPT • Select option 40 on EDIX800-FMT01 • Prompt PRGVPT on the command line

(Continued on next page)

(Contd) Panel Name	Purpose	Access Methods
PRTVPT	Print Viewpoint document definition	• Select option 6 (Print) on panel EDIX800-FMT01 • Press F21 (Prt Vpt) on panel EDIX801-FMT01 or on panel EDIX808-FMT01 • Prompt PRTVPT on the command line • Select option 8 from GENVPT
PRTVPTQRY	Print Viewpoint query results	• Select option 6 (Print) on panel EDIX810-FMT01 • Press F21 (Print Results) on panel EDIX803-CTL01 or on EDIX812-CTL01 • Prompt PRTVPTQRY on the command line • Select option 9 from GENVPT

(Continued on next page)

(Contd) Panel Name	Purpose	Access Methods
RTVVPT	Retrieve purged Gentran:Viewpoint data	• Select option 41 on EDIX800-FMT01 • Prompt RTVVPT on the command line • Select option 11 from GENVPT
VPTCPY	Copy Gentran:Viewpoint data	• Select option 30 on EDIX800-FMT01 • Prompt VPTCPY on the command line • Select option 12 from GENVPT

CHAPTER
2

Working with Gentran:Viewpoint

Contents

In this Chapter

Overview

Introduction

This chapter illustrates Gentran:Viewpoint tracking concepts by using examples of tracking an inbound purchase order and outbound invoice. Topics covered include how to:

- Identify documents to track
- View tracked data through query functions
- Set up networks as tracking points
- Print document definitions and query results
- Purge and retrieving purged data
- Copy document definitions between libraries
- Work with Reports.

Diagram

This diagram illustrates the process of setting up and using Gentran:Viewpoint.

Set Up Gentran:Viewpoint

Enter Network Report IDs
Identify Comm Profiles and Session Names used with Network(s)

Enter Network Account ID
(IBM Europe Network only)
Enter IBM Europe Network Account Number

Document Definition
Tell Gentran:Viewpoint which business documents to track
Create a document definition for each type of business document

Document Selection Fields
Choose EDI data elements to be tracked for each document definition

Exception Error Selection
Decide which Gentran:Server errors to track for each document definition

EDI Processing takes place

Use Gentran:Viewpoint

Basic Inquiry
Perform simple inquiries on data tracked for a specific document definition using search criteria based on document selection fields

Document Query
Perform more complex inquiries on data tracked for a specific document definition using search criteria, Boolean operators. Queries can be saved and used again.

View Document History
See the tracking points a document has been processed by, the date and time processed by the tracking point, and status of document

View EDI data
See transaction level data for a document

View Gentran:Server error messages
See information on errors tracked for a document

Example: Tracking Inbound Documents

Overview

Introduction

In this example, you will be working with sample data which is based on data in the *Gentran:Server for iSeries User Guide*. The sample document definitions used in this chapter are located in the tutorial library. You can follow the example by simply viewing the panels, or you can create an example of your own by substituting a different document name and partner ID when creating the document definition.

Important
To use the Gentran:Viewpoint tutorial, you must add the tutorial library (G3X4SAMP) to your library list before the Gentran:Server data library (G3X4DTA).

Example

In this example, your company is using Gentran:Viewpoint to track inbound purchase orders. To accomplish this, set up a document definition within Gentran:Viewpoint (the one in the example is called 850 ORDERS 4010), which you will use to track inbound purchase orders for all trading partners.

First, in “Set Up Inbound Documents,” you will:

- Create the document definition
- Enter document selection fields, and
- Choose which errors are to be tracked.

Then, in “View Inbound Tracked Data,” you will use Gentran:Viewpoint to select and review data that has been tracked.

Set Up Inbound Documents

Offline preparation

Before going online to set up your document definition, gather the following information for the business documents you want to track:

- If the document definition being created is for a single partner, you will need the partner ID and qualifier. For the inbound example, all partners will be tracked under this definition.
- Identify the Standard Version to be tracked for each document definition. ANSI Version 004010 is used for the inbound example.
- Information from the documents to be tracked. You can specify up to six elements for each document definition. You will need the segment ID, element sequence numbers and any qualifiers to be used. You must create a *business name* for each element as well. Choose a name that is used by your company.

  Example
  If your company commonly refers to a purchase order number as a “PO #,” use that as the Business Name in Gentran:Viewpoint.

Access the Viewpoint subsystem

To access the Viewpoint subsystem, select option **12** (Viewpoint Menu) on the GENMAIN panel.

```
GENMAIN              Gentran:Server for iSeries Version 3.4
                                                        System:   ISDDEV01
Select one of the following:

     1. Work with Partners
     2. Work with Application Definition
     3. Mapping Menu                                (GENMAP)
     4. Communications Menu                         (GENCOM)
     5. Work with Standards
     6. Work with Environment Control

     8. Audit Menu                                  (GENAUD)
     9. Message Center Menu                         (GENMSG)
    10. Processing Menu                             (GENPRC)
    11. System Administration Menu                  (GENSYS)
    12. Viewpoint Menu                              (GENVPT)
    13. Gentran File Tracking Menu                  (GENFILETRK)
    14. Gentran:Server Search Index
                                                              More...
Selection or command
===> 12

F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel   F13=User Support
(C) COPYRIGHT Sterling Commerce Inc., 2006, ALL RIGHTS RESERVED.
```

System Response

The Viewpoint menu (GENVPT) displays.

```
GENVPT                          Gentran:Viewpoint 3.4
                                                        System:   ISDDEV01
Select one of the following:

     1. Work with Viewpoint
     2. Work with Viewpoint Queries
     3. Work with Automatic Notification

     7. Print Automatic Notification Profiles      (PRTAUTO)
     8. Print Viewpoint Doc Definition             (PRTVPT)
     9. Print Viewpoint Query Results              (PRTVPTQRY)
    10. Purge Viewpoint History                    (PRGVPT)
    11. Retrieve Viewpoint History                 (RTVVPT)
    12. Copy Viewpoint Document Definitions        (VPTCPY)

    90. Sign off


Selection or command
===>

F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel   F13=User Support
(C) COPYRIGHT Sterling Commerce Inc., 2006, ALL RIGHTS RESERVED.
```

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Alternative method
Another way to access the Viewpoint menu is to type GO GENVPT on the command line and press **Enter** or use the jump code feature by typing J VPT on the command line and pressing **Enter**.

Note
If you are not authorized to the Viewpoint menu because Viewpoint is not enabled, check the data area, ACTVIEW, to ensure that it is not blank. When the data area is blank, Viewpoint is de-activated. If Viewpoint is not enabled, but the data area contains data, the activation code may be incorrect for the system on which it is loaded. Contact product support for help obtaining a valid activation key.

If you do not have function level or subsystem level authority, contact your system administrator to get authorization in your environment control profile.

Create a Document Definition

Overview

The document definition contains the key information for a specific type of business document you want to track. This key information includes:

- A descriptive document name
- Standards version, transaction ID
- Direction of the documents (inbound or outbound), and
- Partner ID and qualifier, if any.

Note
Choose a descriptive document name. For the example, 850 ORDERS 4010 is used to show that this document definition is used to track only inbound purchase orders.

Procedure

Use this procedure to create a document definition.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>On the Viewpoint menu (GENVPT), select option 1, Work with Viewpoint, and press Enter.</td></tr>
<tr><td>2</td><td>
a. On the key entry line of the Work with Viewpoint panel, type 1 (Create) in the Option field, a Document Name, and S or R for Send or Receive.

For this example, type 850 ORDERS 4010 and R.

Note
If the document name already exists, specify a partner ID.

b. If the document definition is to be used for a specific partner, type the partner ID and qualifier.

If no partner ID is entered, Gentran:Viewpoint automatically enters the default ALL.
<pre>
EDIX800   Work with Viewpoint   EDI 03/01/06
FMT01   pgmlib: G3X4PGM   dtalib: G3X4DTA   12:00:00

Position to Document Name. . . . . _________________________ S/R _
            Partner ID . . . . . . ______________________________ Qual ____

Type option (and Information), press Enter.
  1=Create 2=Revise 3=Copy 4=Delete 5=View 6=Print 7=Rename

Opt Document Name   S/R Partner ID   Qual Sts
1   850 ORDERS 4010________   R   ALL___________________________ ____   _
__ ATDM04010828   S   ALL   A
__ COPY TEST ALL   S   ALL   A
__ COPY TEST UNA-PARTNER   S   UNA-PARTNER   A
__ INVOICE OUT   S   ISAPARTNER   A
__ MAZORDER   S   TDMPARTNER   A
__ OUTBOUND INVOICES   S   ALL   A
__ PURCHASE OUT COFFEE   S   COFFEE   A
__ PURCHASE OUT ISA-PARTNER   S   ISA-PARTNER   A
                                                                      More...
Parameters or command
===> ____
F1=Help F3=Exit F6=More/Less F12=Cancel F15=Sort F24=More Keys
</pre>
c. Press Enter.

System Response
The Document Definition panel (EDIX808-FMT01) displays.

Note
No two active document definitions can have the same combination of document direction (Send or Receive), Version, Transaction ID, and Partner.
</td></tr>
</table>

Define the document to Viewpoint

On the Document Definition panel, you will enter additional information for Gentran:Viewpoint to use in identifying documents to track.

Use this procedure to define the document to Gentran:Viewpoint.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>
On the Document Definition panel (EDIX808-FMT01), type the Version to be tracked, the Transaction ID, and Status.

For this example, type 004010 in the Version field, and type 850 in the Transaction ID field.
<pre>
EDIX808   Document Definition   EDI 03/01/06
FMT01   12:00:00

Document Name. . . . . 810 INVOICES 4010
Sent or Received . . . . S
Partner ID . . . . ALL
Partner Qual . . . .

Version. 004010

Transaction ID 810

Release. 0

Status . . . . A

Division 000

Update Allowed . . . . Y

Last Update User . . . . DSH
Last Update Date 09-05-00
F1=Help F4=Prompt F10=Update F12=Cancel F21=Prt Vpt F24=More Keys
</pre>
Note
The Version and Transaction ID used must exist in Gentran:Server’s online standards. Use F4 (Prompt) to select from versions and transactions currently online.
</td></tr>
<tr><td>2</td><td>
Press F10 (Update) to create the document definition and return to the Work with Viewpoint panel (EDIX800-FMT01).

Note
If an active document already exists for the version, transaction, direction, and partner, you can still add the definition by changing the status to I (inactive) and then investigate which document should be the active document for tracking.
</td></tr>
</table>

Document Definition field descriptions

This table provides descriptions of some of the fields on the Document Definition panel.

Field	Description
Status	Indicates the status of the document definition for tracking. Only active document definitions can be used for tracking documents during batch processing. Valid values are A (active) and I (inactive). **Note** Only one document definition can be active for a given version, transaction, release, direction, and partner.
Division	Displays the default division code value from your Environment Control Profile in the Environment Control subsystem. The Division Code is used to limit the information a user can view online or modify. The 000 Division Code is a global division code that does not restrict the data available to the user. If the Division Code is any value other than 000, only records that are assigned to that division code display.

Add Document Selection Fields

Overview

Next, choose the EDI data elements that should be tracked in Gentran:Viewpoint under the document definition. These fields will be available for querying purposes later on. Up to six elements can be specified for each document definition. These data elements become the Document Selection fields for the document definition.

Gentran:Viewpoint uses these elements in conjunction with the information entered on the Document Definition panel (EDIX808-FMT01) to identify each tracked document.

Field values

Use the following field values for the provided example.

Selection Field #	Seg ID/ Elem Seq	Business Name	Qualifier ID/Seq	Qualifier Value
1	BEG002	PO Type		
2	BEG003	PO Num		
3	BEG005	PO Date		
4	N1 004	Ship To	N1 001	ST
5	Leave Blank (This example only uses four of the six available fields)			
6	Leave Blank			

Enter the data elements for the document definition

Use this procedure to enter the data elements for this document definition.

Step	Action
1	On the Work with Viewpoint panel (EDIX800-FMT01), type **11** (Document Selection Fields) next to the definition you just created (850 ORDERS 4010) and press **Enter**. **System Response** The Document Selection Fields panel (EDIX801-CTL01) displays.

```
EDIX801                    Document Selection Fields                 EDI 03/01/06
CTL01                                                                    12:00:00

Document Name. . . . . . . . . . .  850 ORDERS 4010
Sent or Received . . . . . . . . .  R                              Sts. A
Partner ID . . . . . . . . . . . .  ALL                            Qual
Version. . . . . . . . . . . . . .  004010
Transaction ID . . . . . . . . . .  850                            Rel. 0


Type option, press Enter.
  4=Delete
EDI Segments and Elements:                  Qualifier
    Seg ID/                                 Seg ID/
Opt Elm Seq Business Name                   Elm Seq Value
    BEG002  PO Type
    BEG003  PO Num
    BEG005  PO Date
    N1 004  Ship To                         N1 001  ST

                                                                       Bottom
F1=Help  F4=Prompt  F10=Update  F12=Cancel  F21=Prt Vpt  F24=More Keys
```

(Continued on next page)

(Contd) Step	Action
2	On this panel, type the Segment ID and Element Sequence Number for each EDI data element. Enter the segments in the order to be used when viewing the data after it has been tracked. **Reference** For values specific to the provided example, see the previous table, Field values. **Tip** If you are not sure what the segment ID and element sequence number are, use **F4** (Prompt) on the Seg ID/Elm Seq field. Select Segment IDs and element sequence numbers from the Prompt panel by typing **1** in the Option field next to the appropriate segment/element. **Note** Gentran:Viewpoint *only tracks the first occurrence* of a segment that occurs multiple times in a document. For example, if you use an item such as Product ID or Line Item Number, only the first Product ID or Line Item Number in each document is tracked. If a qualifier is used, Gentran:Viewpoint tracks the first matching segment in the document.
3	Type the business name for each segment ID and element sequence number. For ease of use, select the name commonly used for this element within your company. **Example** If your company uses the term “PO #” to refer to purchase order numbers, type “PO #” as the Business Name for this element. **Reference** For values specific to the provided example, see the previous table, Field values. (Continued on next page)

(Contd) Step	Action
4	Type the qualifiers, if necessary. **Reference** For values specific to the provided example, see the previous table, Field values. **Tip** If you decide to use a segment that will appear multiple times in a document, you can use a qualifier to track a specific occurrence. For example, if you want to track the Ship To name, but the same segment occurs again in the document for the Bill To name, use a qualifier to pick up the Ship To name and ignore all other occurrences of this segment in each document. **Note** The qualifier segment ID must be the same segment as specified for the element/segment to be tracked. For example, in the previous table, the Ship To segment ID entered for both the Seg ID/Elm Seq field and the Qualifier ID/Seq field is N1.
5	Complete the document selection fields. **Reference** For values specific to the provided example, see the previous table, Field values.
6	Press **F10** (Update) to add the values and return to the Work with Viewpoint panel (EDIX800-FMT01).
7	To print the document definition with the select fields, select option **6** (Print).

Select Exception Errors to Track

Overview

Up to 25 Gentran:Server errors (or ranges of errors) can be tracked for each document definition. If one of the specified errors occurs while data is being processed by a Gentran:Server Mapper or Editor, you will be able to view the error message, record number, segment and element where the error occurred on the Error Message panel (EDIX805-CTL01), which is discussed later in this chapter.

Note
Errors that cause data to be suspended at the Interchange or Group level such as error #55 (Indicated Version not found in tables. Suspending this Interchange.) and #183 (Partner ID not on Partner File. Suspending this Interchange.) are not shown in Gentran:Viewpoint because the document suspended is not known to Gentran:Viewpoint.

Procedure

Use this procedure to select exception errors to track.

Step	Action

1	On the Work with Viewpoint panel (EDIX800-FMT01), type **12** (Err Select) next to the selected document definition, 850 ORDERS 4010, and press **Enter**.
	
	System Response
	The Exception Error Selection panel (EDIX802-CTL01) displays.
	
	`EDIX802  Exception Error Selection  EDI 03/01/06`
	`CTL01  12:00:00`
	`Document Name. . . . . . . . . . .  810 INVOICES 4010`
	`Sent or Received . . . . . . . . .  S  Sts. A`
	`Partner ID . . . . . . . . . . . .  ALL`
	`Partner Qual . . . . . . . . . . .`
	`Type option, press Enter.`
	`4=Delete`
	`Error Messages`
	`Opt  From  To`
	`__  67 - ___`
	`__  209 - 386`
	`__  626 - ___`
	`__  ___ - ___`
	`__  ___ - ___`
	`__  ___ - ___`
	`__  ___ - ___`
	`__  ___ - ___`
	`More...`
	`F1=Help  F4=Prompt  F10=Update  F12=Cancel  F24=More Keys`
	
	(Continued on next page)

<table>
<tr><th>(Contd) Step</th><th>Action</th></tr>
<tr><td>2</td><td>
a. Enter errors to be tracked for this document definition.

Tip
Press F4 (Prompt) on the From or To fields to select from a complete list of Gentran:Server errors.

<table>
<tr><th>IF...</th><th>THEN...</th></tr>
<tr><td>you are typing a single error number (not part of a range of consecutive numbers)</td><td>type the error number in the From field and leave the corresponding To field blank.</td></tr>
<tr><td>you are typing a range of error numbers</td><td>type the first number to be included in the range in the From field. Type the last number to be included in the range in the To field.</td></tr>
</table>

b. After typing the error numbers, press F10 (Update) to add the values and return to the Work with Viewpoint panel (EDIX800-FMT01).

Reference
See the System Messages chapter in the Gentran:Server for iSeries Technical Reference Guide for a complete list of Gentran:Server errors and related messages.
</td></tr>
<tr><td>3</td><td>
Type the following error numbers for this example:
• In the first From field, type 67 and leave the corresponding To field blank.
• In the second From field, type 209 and 386 in the corresponding To field.
• In the third From field, type 626.

Recommendation
To trap any error, type the range 1 to 864 to include all possible error numbers.
</td></tr>
<tr><td>4</td><td>Press F10 (Update) to add the values and return to the Work with Viewpoint panel (EDIX800-FMT01).</td></tr>
</table>

Summary

The inbound example is now set up. To review, you have accomplished the following:

- Entered the document definition called 850 ORDERS 4010 (identified the Version, Transaction ID, direction of documents, Partner ID and Qualifier.)
- Entered the document selection fields for this document definition (up to six EDI data elements and a user-defined business name for each), and
- Entered the Gentran:Server errors to be tracked for this document definition.

Now that a document definition exists within Gentran:Viewpoint, each time Gentran:Server processing takes place, Gentran:Viewpoint compares the business documents that are processed to the document definition you have created. When a business document matches the document definition, Gentran:Viewpoint stores the date and time that the document is processed by each tracking point, the status of the document when processed, and the information for the document selection fields you specified.

The next section illustrates how to view data that was tracked for the document definition.

View Inbound Tracked Data

Overview

When you initiate Inbound or Outbound processing (PRCTRNIN or PRCTRNOUT), Gentran:Viewpoint begins tracking your selected documents. This section explains how to view the data through Gentran:Viewpoint's two Query options.

Viewpoint's Query options

Now that Gentran:Viewpoint is tracking your documents based on the document definition you have defined, it is time to view the data by using one of the following options:

- Basic Inquiry—useful for simple ad hoc inquiries about a specific business document or range of documents, or
- Document Query—used for more complex queries or those which will be carried out on an ongoing basis. Document queries can be saved for future use.

Use Basic Inquiry (Ad hoc Query)

Overview

Basic Inquiry enables you to quickly obtain answers to simple questions about business documents.

Procedure

Use this procedure to use the Basic Inquiry option for the document definition in this example.

Step	Action
1	On the Work with Viewpoint panel (EDIX800-FMT01), type **14** (Basic Inquiry) next to 850 ORDERS 4010 and press **Enter**. **System Response** The Basic Inquiry panel (EDIX803-FMT00) displays. This panel enables you to search for a specific document or to review a range of documents based on search criteria entered.

```
EDIX803                          Basic Inquiry                           EDI 03/01/06
FMT00                                                                        12:00:00

Document Name. . . . . .   850 ORDERS 4010
Sent or Received . . . .   R                                  Sts. . . .  A
Partner ID . . . . . . .   ALL                                Qual . . .

Exception Errors . . . .   N

Partner ID . . . . . . .   _________________________________  Qual . . ._______
Date: From . . . . . . .   __________
      To . . . . . . . .   __________

Selection Operator . . .   GE  (GE, EQ)

PO Type                    NE
PO Num                     ____________________________________________________
PO Date                    ____________________________________________________
Ship To                    100

F1=Help  F3=Exit  F4=Prompt  F12=Cancel  F24=More Keys
```

Reference
See the following table, Field descriptions for the Basic Inquiry panel.

(Continued on next page)

(Contd) Step	Action
2	Type the following values for the example:

- Type **NE** in the value field for PO Type, so that only purchase orders with a PO type of NE will be included in the results.
- Type **100** in the Ship To value field, so that just the purchase orders with a Ship To location code of 100 will be included in the results.

Note
Notice that you have entered search criteria for two document selection fields. To be included in the results, documents must meet both criteria—a PO type of NE and Ship To location code of 100. Since the Selection Operator is GE (greater than or equal to), any records that contain a PO type greater than or equal to NE and a Ship To location greater than or equal to 100 are shown.

After completing your entries, press **Enter**.

System Response
The Basic Inquiry panel (EDIX803-CTL01) displays.

```
EDIX803                        Basic Inquiry                      EDI 03/01/06
CTL01                                                                 12:00:00
                                                              Sts. .  A
Exception Errors . . . .  N      Date: From . .               To . .
Partner ID . . . . . . .                                      Qual .
Selection Operator . . .  GE
PO Type                   NE
PO Num
PO Date
Ship To                   100


Type option, press Enter.
  11=Document History

Opt Partner ID            PO Type  PO Num                 PO Date   Ship To
__  SWEET TEA             NE       01120001               20060301  100
__  C13579                NE       01120001               20060301  100
__  SWEET TEA             NE       01120030               20060301  200
__  C13579                NE       01120030               20060301  200

                                                                       Bottom
F1=Help  F3=Exit  F12=Cancel  F21=Print Results  F24=More Keys
```

Any values entered on the previous panel as search criteria are shown at the top of this panel for easy reference. The search results display in the lower half of the panel. Any documents tracked for this document definition that match the search criteria are shown.

Note
If the document definition was defined to track all partners, the first column in the subfile displays the partner ID for which the document was tracked.

(Continued on next page)

(Contd) Step	Action
3	To print the results of the inquiry, press **F21** (Print Results). **System Response** The Viewpoint Query Results report (EBDI834A) is generated.

Field descriptions for the Basic Inquiry panel

This table describes the fields on the Basic Inquiry panel.

Field	Description
Exception Errors	If left at the default of N, any documents that match all criteria specified on this panel display. If changed to Y, only the following types of documents are included in the results: • Documents that have a tracking point with an error status resulting from an error entered on the Exception Error Selection (EDIX802-CTL01) panel • Documents that were rejected during processing (Reject status), and • Documents with a communications status of Abnormal.
Partner ID	If the document definition is designed to look for all partners' documents, use this field to enter a single trading partner's resolved partner ID to see only business documents for that partner.
Partner Qual	If a partner ID has a qualifier, the qualifier must be entered here.
From/To Dates	You can specify an inclusive range of dates for your document search. The date used is the date the document was first known to Gentran:Viewpoint—that is, the date of the first tracking point written to Gentran:Viewpoint. Dates need to be entered in the user's format as defined by the Environment Control profile. (Continued on next page)

(Contd) Field	Description
Selection Operator	This is a Boolean operator field for evaluating the document selection fields against the selected values for running the ad hoc query. Valid values are: • GE (greater than or equal to) and • EQ (equal to). The default is GE.
Document Selection Fields	The document selection fields entered on the Document Selection Fields panel (EDIX801-CTL01) are shown on this panel. You can enter minimum search values for any or all of these to narrow the search. Only the documents that meet the criteria of all the fields (greater than or equal to), and the criteria set for partner ID and qualifier and the date range, display in the results. If you leave the search criteria blank, all documents tracked for this document definition display.

View a document's EDI history

Use this procedure to view a document's EDI history (see which tracking points a document has gone through and the date, time and status for each).

On the Basic Inquiry panel (EDIX803-CTL01), type **11** in the Option field next to the selected document and press **Enter**.

System Response

The Document History panel (EDIX804-CTL01) displays. Each tracking point that the document has gone through displays, along with the associated date and time, and document status.

```
EDIX804                        Document History                   EDI 03/01/06
CTL01                                                                 12:00:00
                                                               Sts. .  A
Document Name. . . . . .  850 ORDERS 4010          Send or Receive.  R
Partner ID . . . . . . .  SWEET TEA                          Qual .
PO Type                   NE
PO Num                    01120001
PO Date                   20060228
Ship To                   100


Type option, press Enter.
  11=Error Messages  12=EDI Data
Opt Tracking Point        Status  Date        Time
__  Acknowledged          Normal  02-28-06    14:28:10
__  Acknowledged          Error   02-28-06    14:28:10
__  Inbound Editor        Error*  02-28-06    14:27:58
__  Inbound Editor        Normal  02-28-06    14:27:52
11  Inbound Mapper        Error*  02-28-06    16:52:53
__  Acknowledged          Normal  02-28-06    16:52:48
__  Inbound Editor        Normal  02-28-06    16:52:45
                                                                      Bottom
F1=Help  F3=Exit  F12=Cancel  F16=Prev Rcd  F17=Next Rcd
```

Note

- To track Gentran:Server errors, complete the Exception Error Selection panel (EDIX802-CTL01) prior to running inbound processing. Errors can be tracked for the Gentran:Server Editors and Mappers.
- Notice that in the diagram above, the document status for the Inbound Mapper is Error*. The asterisk (*) indicates that the error was tracked by Gentran:Viewpoint, and that additional information is available by choosing Option 11 on this panel.

Reference

For a complete list of tracking points and statuses for each, see Chapter 1, Getting Started with Gentran:Viewpoint, in this guide.

View a document's error messages

Use this procedure to view a document's error messages.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>For this example, on the Document History panel, type 11 (Error Messages) in the Option field next to Inbound Mapper and press Enter.

System Response
The Error Message History panel (EDIX805-CTL01) displays.
<pre>
EDIX805   Error Message History   EDI 03/01/06
CTL01   12:00:00

Tracking Point . . . . Inbound Mapper   Date   03/01/06
                                                          Time   12:00:00
 Errors:
 No. Rcd Seg Elt Comp Error Message
 626   UNABLE TO TRANSLATE CODE - MOVED SPACE TO TARGET FIELD

                                                                       Bottom
F1=Help F3=Exit F9=Fold/Unfold F12=Cancel F24=More Keys
</pre>
This panel provides more detailed information on Gentran:Server errors that occurred for a document during processing through the Inbound Editor or Mapper.

Note
Only errors entered on the Exception Error Selection panel (EDIX802-CTL01) and Reject errors can be viewed here. The error number is shown at the far left, followed by the record number, segment ID, and element sequence number where the error occurred.</td></tr>
<tr><td>2</td><td>The error message shown may be truncated on the right. To see the full message, press F9 (Fold/Unfold).</td></tr>
<tr><td>3</td><td>When you have finished reviewing the error messages, press F3 (Exit) or F12 (Cancel) to return to the Document History panel (EDIX804-CTL01).</td></tr>
</table>

View a document's EDI data

On the Document History panel (EDIX804-CTL01), you also have the option to view a document's EDI data.

Step	Action

1	To view the EDI data for a tracking point, type **12** (EDI Data) in the Option field next to the selected tracking point (Inbound Editor) and press **Enter**.
	
	Note
	The EDI data can only be viewed using the Inbound or Outbound Editor tracking points.
	
	System Response
	The EDI Transaction Inquiry panel (EDIX453) displays.
	
	`EDIX453                    EDI Transaction Inquiry          EDI      03/01/06`
	`                                                                      12:00:00`
	`Int. ID/Qual. . . . SWEET TEA                                S/R. . R`
	`Interchange Name. . SWEET TEA - tutorial par Batch/Prof Seq# .    10 /`
	`Interchange Cntl# . 000000001               Ack Dt/Time/Sts . 03/01/06 12:00`
	`Group ID. . . . . . SWEET TEA               Overdue Ack Info.`
	`Group Cntl# . . . . 000000001               Char. Count . . . 00000000157`
	`Trans Cntl# . . . . 000001                  Trans Set . . . . 850`
	`Doc Info. . 01120001          Batch ID. . POINB`
	
	`ST*850*000001?`
	`BEG*00*NE*01120001**20060228?`
	`N1*ST***100?`
	`PO1**10*EA*5.12**PI*PART-123?`
	`PO1**30*DA*10.0**PI*PART-456?`
	`PO1**5*CA*8.25**PI*PART-789?`
	`CTT*3?`
	`SE*8*0001?`
	
	`                                                                     Bottom`
	`Enter=Segment  F1=Help  F11=More Inq  F12=Cancel  F21=Prt Dta  F22=Requeue`

2	To view segment-level data, move the cursor to the segment to be viewed and press **Enter**. **Note** EDI data cannot be viewed once it has been purged from the inbound or outbound queue. **Reference** See the Using Communications chapter in the *Gentran:Server for iSeries Communications Guide* for more information on purging the inbound and outbound queues.
3	To print the Transaction data, press **F21**.
4	When you have finished viewing the data, press **F12** (Cancel) to return to the Document History panel, then press **F3** (Exit) twice to exit to the Work with Viewpoint panel (EDIX800-FMT01).

Use the Document Query Option

Overview

Once a document definition has been defined to Gentran:Viewpoint and processing has taken place within Gentran:Server, the Document Query option enables you to review the documents that have been tracked by Gentran:Viewpoint.

What makes the Document Query option different from Basic Inquiry is that you can use Boolean operators and search values for the document selection fields, and save the queries to be used again.

Example

If you want to look at inbound purchase orders for $35,000 or more, and be able to run the same query periodically, you can create a document query once, save it, and use it at any time, rather than re-typing it each time you wish to run the query. Additionally, you may select permanent queries to run in an automated mode in batch.

Create a new document query

Use this procedure to create a document query for the inbound example.

Step	Action

1	On the Work with Viewpoint panel (EDIX800-FMT01), type **15** (Work with Queries) in the Option field for the document definition, 850 ORDERS 4010 (or on the key entry line to work with all queries for all definitions), and press **Enter**.
	
	System Response
	The Work with Document Queries panel (EDIX810-FMT01) displays.
	
	`EDIX810 Work with Document Queries EDI 03/01/06`
	`FMT01 pgmlib: G3X4PGM dtalib: G3X4DTA 12:00:00`
	`Position to Query ID . . . ____________ For 850 ORDERS 4010 R`
	`ALL`
	`Type option (and Information), press Enter.`
	`1=Create 2=Revise 3=Copy 4=Delete 5=View 6=Print 11=Select Records`
	`Opt Query ID Description Status`
	`__ ___________`
	`Parameters or command`
	`===> ________________________________________`
	`F1=Help F3=Exit F12=Cancel F15=Sort F23=More Options F24=More Keys`
	
	Alternative method
	You can also access the Work with Queries screen from the GENVPT menu (option 2) and all permanent queries for all definitions are shown.
	
	Note
	When accessed from the GENVPT menu or from the key entry line for all document definitions, the screen shows inactive document definitions with an asterisk (*) to the left of the document name.
	
	(Continued on next page)

<table>
<tr><th>(Contd) Step</th><th>Action</th></tr>
<tr><td>2</td><td>
On the key entry line, type 1 (Create) in the Option field and type a new name, SHIPTO100, for the query in the Query ID field. Press Enter.

Note
If you accessed this panel for all document definitions, you will need to also specify the document name, direction, and partner for the query ID.

System Response
The Document Query Definition panel (EDIX809-FMT01) displays.
<pre>
EDIX809   Document Query Definition   EDI 03/01/06
FMT01   12:00:00

Document Name. . . . . 850 ORDERS 4010
Sent or Received . . . . R   Sts. . A
Partner ID . . . . ALL
Partner Qual . . . .
Division 000

Query ID SHIPTO100
Description. . . . .   Ship to location 100

Exception Errors . . . .   N

From Date. . . . .   ____________________
To Date. . . . .   ____________________
Partner ID . . . .   ____
Qual . . . .   ____

Update Allowed . . . .   Y

F1=Help F4=Prompt F10=Update F12=Cancel F13=Services F24=More Keys
</pre>
(Continued on next page)
</td></tr>
</table>

(Contd) Step	Action
3	On this panel, enter the details about the documents to be found with this query. The fields at the top of the panel identify the document definition for which the query is being created: • Document Name • Direction of the document (Sent or Received) • Partner ID • Qualifier • Division, and • Query ID. The rest of the fields on this panel are used as search criteria. • Exception Errors • From Date • To Date • Partner ID, and • Qual **Reference** See the following table, Field descriptions for the Document Query Definition panel (EDIX809-FMT01) (Continued on next page)

(Contd) Step	Action
4	For this example, you want to find only the documents that have a Ship To location code of 100. a. To distinguish this query from others you may create later, type **Ship to Location 100** in the Description field. b. Press **F10** (Update) to return to the Work with Document Queries panel (EDIX810-FMT01). **System Response** The Work with Document Queries panel (EDIX810-FMT01) displays.

```
EDIX810                  Work with Document Queries              EDI 03/01/06
FMT01                 pgmlib: G3X4PGM     dtalib: G3X4DTA            12:00:00

Position to Query ID . . . ___________ For  850 ORDERS 4010             R
                                             ALL


Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  6=Print  11=Select Records

Opt Query ID    Description                             Status
__  __________
11  SHIPTO100   Ship to location 100                    ACTIVE




                                                                      Bottom
Parameters or command
===> _________________________________________________________________________
F1=Help  F3=Exit  F12=Cancel  F15=Sort  F23=More Options  F24=More Keys
Create Operation Successful.
```

(Continued on next page)

(Contd) Step	Action
5	The next step in setting up a document query is to define any selection criteria based on the document selection fields that you entered for this document definition. Type **11** (Select Records) in the Option field next to the appropriate query ID and press **Enter**. **System Response** The Query Record Selection panel (EDIX811-CTL01) displays.

```
EDIX811                    Query Record Selection                EDI 03/01/06
CTL01                                                                12:00:00

Document Name. . . . 850 ORDERS 4010                Sent or Received .  R
Query ID . . . . . . SHIPTO100                      Status . . . . . .  A
Description. . . . . Ship to location 100

Exception Errors . . N (Y/N)                        Date: From . .
                                                           To . . .
Partner ID . . . . .                                    Qual . . . . .

Type option, press Enter.
  4=Delete
Select Records:
Opt Business Name               Op Search Value
__  Ship To________________     GE 100_____________________________________
__  _______________________     __ ________________________________________
__  _______________________     __ ________________________________________
__  _______________________     __ ________________________________________
__  _______________________     __ ________________________________________
                                                                      Bottom
F1=Help  F4=Prompt  F10=Update  F12=Cancel  F24=More Keys
```

(Contd) Step	Action
6	On this panel, specify the document selection fields with Boolean operators and search criteria that should be used for the query. Press **F4** (prompt) on the Business Name field to see a list of the selection fields that belong to the document definition that can be specified. **Note** Boolean operators are: • GE (Greater Than or Equal To) • LE (Less Than or Equal To) • GT (Greater Than) • LT (Less Than) • EQ (Equal To)

(Continued on next page)

<table>
<tr><th>(Contd)
Step</th><th>Action</th></tr>
<tr><td>7</td><td>
For this example, you are looking for documents that have a Ship To location code of 100 or greater.

a. To enter search criteria for a document selection field, press **F4** on the Business Name field for a list of valid values. For the example, select **Ship To** from the list.

b. In the corresponding Option field, enter a Boolean operator. For the example, type **GE**.

Tip
To select from a list of valid values, press F4.

c. In the corresponding Search Value field, enter the appropriate value. For the example, type **100**.

The completed query record selection is illustrated below. The search values to be entered on the Query panel for the example are illustrated.

<pre>
EDIX811   Query Record Selection   EDI 03/01/0
CTL01   12:00:0

Document Name. . . . 850 ORDERS 4010   Sent or Received . R
Query ID . . . . . . SHIPTO100   Status . . . . . . A
Description. . . . . Ship to location 100

Exception Errors . . N (Y/N)   Date: From . .
                                                         To . . .
Partner ID . . . . .   Qual . . . . .

Type option, press Enter.
  4=Delete
Select Records:
Opt Business Name   Op Search Value
__ Ship To_________________   GE 100_____________________________________
__ ________________________   ____

                                                                    Bott
F1=Help F4=Prompt F10=Update F12=Cancel F24=More Keys
</pre>
</td></tr>
<tr><td>8</td><td>Press F10 (Update) to add the search criteria to the query definition.</td></tr>
</table>

Field descriptions for the Document Query Definition panel (EDIX809-FMT01)

This table describes the fields on the Document Query Definition panel (EDIX809-FMT01).

Field	Description
Exception Errors	If left at the default of N, any documents that match all criteria specified on this panel display. If changed to Y, only the following types of documents are included in the results: • Documents that have a tracking point with an error status resulting from an error entered on the Exception Error Selection (EDIX802-CTL01) panel • Documents that were rejected during processing (Reject status), and • Documents with a communications status of Abnormal.
From/To Dates	You can specify an inclusive range of dates for your document search. The date used is the date the document was first known to Gentran:Viewpoint—that is, the date of the first tracking point written to Gentran:Viewpoint.
Partner ID	If the document definition is designed to look for all partners' documents, use this field to enter a single trading partner's resolved partner ID to see only business documents for that partner.
Partner Qual	If a partner ID has a qualifier, the qualifier must be entered here.
Update Allowed	A flag to lock the query to prevent inadvertent updates. If Y, updates can be made. Only users with a data level authority of 1 in the environment control profile can change the flag.

Use document query to view and print tracked data

Once you have created a Document Query for a document definition and processing for this type of document has taken place through Gentran:Server, you can use the Work with Document Queries option to view the tracked documents.

Procedure

Use this procedure to view and print tracked data.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>On the Work with Document Queries panel (EDIX810-FMT01), type 12 (Exec Query) in the Option field next to the appropriate Query ID and press Enter.

System Response
The Query Results panel (EDIX812-CTL01) displays.
<pre>
EDIX812   Query Results   EDI 03/01/06
CTL01   12:00:00

Document Name. . . . 850 ORDERS 4010   Sent or Received . . R
                                                 Status . . . . A
Query ID SHIPTO100
Description. . . . . Ship to location 100
Exception Errors . . N   Date: From . .
                                                           To . . .
Partner ID . . . . .   Qual . . . . .

Type option, press Enter.
  11=Document History

Opt Partner ID   Ship To
__ C13579   100
__ C13579   200
11 SWEET TEA   100
__ SWEET TEA   200

                                                                 Bottom
F1=Help F3=Exit F12=Cancel F21=Print Results F24=More Keys
</pre>
The query ID, description, partner ID, and From/To dates are shown at the top of the panel for easy reference. The search results display in the lower half of the panel. Any documents tracked for this document definition that match the search criteria are shown.</td></tr>
<tr><td>2</td><td>To print the query results, press F21 (Print Results).

System Response
The Viewpoint Query Results report (EBDI834P) is generated.</td></tr>
</table>

View a document's EDI history

To see which tracking points a document has gone through and the date, time and status for each, type **11** in the Option field next to the appropriate document and press **Enter**.

System Response

The Document History panel (EDIX804-CTL01) displays. Each tracking point that the document has been processed by, its date and time of processing, and the status at each point displays.

```
EDIX804                       Document History                    EDI 03/01/06
CTL01                                                                 12:00:00
                                                                   Sts. .  A
Document Name. . . . . .  850 ORDERS 4010          Send or Receive.  R
Partner ID . . . . . . .  SWEET TEA                          Qual .
PO Type                   NE
PO Num                    01120001
PO Date                   20060228
Ship To                   100


Type option, press Enter.
  11=Error Messages  12=EDI Data
Opt Tracking Point        Status  Date        Time
__  Acknowledged          Normal  02-28-06    14:28:10
__  Acknowledged          Error   02-28-06    14:28:10
__  Inbound Editor        Error*  02-28-06    14:27:58
__  Inbound Editor        Normal  02-28-06    14:27:52
11  Inbound Mapper        Error*  02-28-06    16:52:53
__  Acknowledged          Normal  02-28-06    16:52:48
__  Inbound Editor        Normal  02-28-06    16:52:45
                                                                        Bottom
F1=Help  F3=Exit  F12=Cancel  F16=Prev Rcd  F17=Next Rcd
```

Notice that in the diagram above, the document status for the Inbound Mapper is **Error***. The asterisk (*) indicates that the error was tracked by Gentran:Viewpoint, and that additional information is available by choosing Option 11 on this panel.

Reference

See the Getting Started with Gentran:Viewpoint chapter in this guide for a complete list of tracking points and statuses for each.

Note

To track Gentran:Server errors, complete the Exception Error Selection panel (EDIX802-CTL01) prior to running inbound processing. Errors can be tracked for the Gentran:Server Editors and Mappers.

View a document's error messages

Use this procedure to view a document's error messages.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>For this example, type 11 in the Option field next to Inbound Mapper and press Enter.

System Response
The Error Message History panel (EDIX805-CTL01) displays. This panel provides more detailed information on Gentran:Server errors that occurred for a document during processing through the Inbound Editor or Mapper.

<pre>
EDIX805   Error Message History   EDI 03/01/06
CTL01   12:00:00

Tracking Point . . . . Inbound Mapper   Date   02-28-06
                                                          Time   16:52:52
 Errors:
 No. Rcd Seg Elt Comp Error Message
 626   UNABLE TO TRANSLATE CODE - MOVED SPACE TO TARGET FIELD

                                                                      Bottom
F1=Help F3=Exit F9=Fold/Unfold F12=Cancel F24=More Keys
</pre>
Note
Only errors entered on the Exception Error Selection panel (EDIX802-CTL01) and reject errors can be viewed here.

The error number is shown at the far left, followed by the record number, segment ID, and element sequence number where the error occurred.</td></tr>
<tr><td>2</td><td>The error message shown may be truncated on the right. To see the full message, press F9 (Fold/Unfold).</td></tr>
<tr><td>3</td><td>When you have finished reviewing the error messages, press F3 (Exit) or F12 (Cancel) to return to the Document History panel (EDIX804-CTL01).</td></tr>
</table>

View a document's EDI data

On the Document History panel (EDIX804-CTL01), you also have the option to view a document's EDI data.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>

To view the EDI data, type **12** in the Option field next to the selected tracking point, Inbound Editor, and press **Enter**.

System Response
The EDI Transaction Inquiry panel (EDIX453) displays.

<pre>
EDIX453   EDI Transaction Inquiry   EDI   03/01/06
                                                                      12:00:00
Int. ID/Qual. . . . SWEET TEA   S/R. . R
Interchange Name. . SWEET TEA - tutorial par Batch/Prof Seq# .   10 /
Interchange Cntl# . 000000001   Ack Dt/Time/Sts . 03/01/06 12:00
Group ID. . . . . . SWEET TEA   Overdue Ack Info.
Group Cntl# 000000001   Char. Count . . . 00000000157
Trans Cntl# 000001   Trans Set 850
Doc Info. . 01120001   Batch ID. . POINB

ST*850*000001?
BEG*00*NE*01120001**20060228?
N1*ST***100?
PO1**10*EA*5.12**PI*PART-123?
PO1**30*DA*10.0**PI*PART-456?
PO1**5*CA*8.25**PI*PART-789?
CTT*3?
SE*8*0001?

                                                                       Bottom
Enter=Segment F1=Help F11=More Inq F12=Cancel F21=Prt Dta F22=Requeue
</pre>

Note

- The EDI data can only be viewed using the Inbound and Outbound Editor tracking points.
- EDI data cannot be viewed once it has been purged from the inbound or outbound queue.

  Reference
  See the Using Communications chapter in the *Gentran:Server for iSeries Communications Guide* for more information on purging the inbound and outbound queues.

</td></tr>
<tr><td>2</td><td>To view segment-level data, move the cursor to the segment to be viewed and press Enter.</td></tr>
<tr><td>3</td><td>To print the EDI data, press F21.</td></tr>
<tr><td>4</td><td>When you have finished viewing the data, press F12 (Cancel) to return to the Document History panel (EDIX804-CTL01), then press F3 (Exit) repeatedly to exit to the Work with Viewpoint panel (EDIX800-FMT01).</td></tr>
</table>

Copy Document Definitions

Overview

In this task, you will copy an existing document definition into a new document definition.

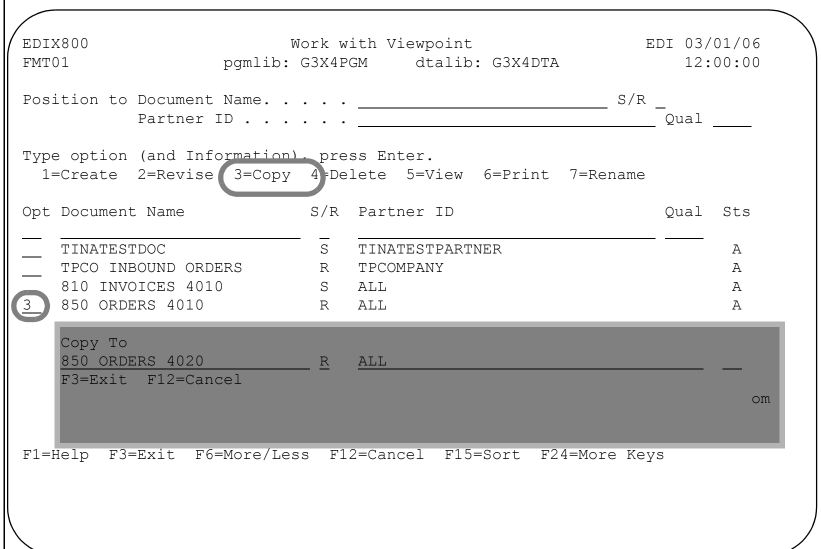
IF...	THEN...
the Copy From and Copy To version and transaction ID are the same	Gentran:Server copies all of the document selection fields into the new definition.
the transaction ID is the same as the Copy To but the version is different	the element definitions are checked against standards.
the element definition is not found	no fields are copied.
an element's definition changed, for example, element type or field length	fields are copied over with the new type and length.
the transaction ID is different	no document selection fields are copied.

Note
A report (EBDI808) is always generated when copying to a different version.

Procedure

Use this procedure to copy a document definition.

Step	Action
1	On the Work with Viewpoint panel (EDIX800-FMT01), type **3** in the Option field next to the document name you want to copy (850 ORDERS 4010).
2	Press **Enter**. **System Response** The system displays a Copy To window.



```
EDIX800                     Work with Viewpoint                    EDI 03/01/06
FMT01                 pgmlib: G3X4PGM     dtalib: G3X4DTA              12:00:00

Position to Document Name. . . . . __________________________ S/R _
            Partner ID . . . . . . _______________________________ Qual ____

Type option (and Information), press Enter.
  1=Create   2=Revise   3=Copy   4=Delete   5=View   6=Print   7=Rename

Opt Document Name                S/R  Partner ID                       Qual  Sts

__  _________________________     _   _______________________________  ____
__  TINATESTDOC                   S   TINATESTPARTNER                         A
__  TPCO INBOUND ORDERS           R   TPCOMPANY                               A
    810 INVOICES 4010             S   ALL                                     A
3_  850 ORDERS 4010               R   ALL                                     A

    Copy To
    850 ORDERS 4020               R   ALL                                  __
    F3=Exit   F12=Cancel
                                                                            om

F1=Help  F3=Exit  F6=More/Less  F12=Cancel  F15=Sort  F24=More Keys
```

(Continued on next page)

(Contd) Step	Action
3	Type the new document name and **S** for Send or **R** for Receive, and partner ID, and Qualifier, and press **Enter**. **System Response** The Document Definition panel (EDIX808-FMT01) displays. You can accept the new document definition as it is, or modify the field values (such as the version). EDIX808 Document Definition EDI 03/01/06 FMT01 12:00:00 Document Name. . . . . 850 ORDERS 4020 Sent or Received . . . . R Partner ID . . . . ALL Partner Qual . . . . Version. . . . . 004020 Transaction ID . . . . 850 Release. . . . . Status . . . . A Division . . . . 000 Update Allowed . . . . Y Last Update User . . . . DSH Last Update Date . . . . 02-28-06 F1=Help F4=Prompt F10=Update F12=Cancel F21=Prt Vpt F24=More Keys
4	Press **F10** (Update) to create the document. **Note** When copying definitions to different versions, a cross-version report is generated and should be reviewed for exceptions.

This concludes the inbound example. The next section illustrates how to set up and use an outbound document definition.

Example: Tracking Outbound Documents

Overview

Introduction

In this example, you will be working with sample data which was also used in the *Gentran:Server for iSeries User Guide*. The sample document definition used in this chapter is located in the tutorial library. You can follow the example by simply viewing the panels, or you can create an example of your own by substituting a different document name and partner ID when creating the document definition.

Important
To use the Gentran:Viewpoint tutorial, you must add the tutorial library (G3X4SAMP) to your library list before the Gentran:Server data library (G3X4DTA).

Example

In this example, your company is using Gentran:Viewpoint to track outbound purchase orders. To accomplish this, you will set up a document definition within Gentran:Viewpoint called 810 INVOICES 4010, which you will use to track outbound invoices sent to all of our trading partners.

First, in “Setting Up Outbound Documents,” you will:

- Create the document definition
- Add document selection fields, and
- Choose which errors are to be tracked.

Then, in “Viewing Outbound Tracked Data,” you will use Gentran:Viewpoint to select and review data that has been tracked.

Set Up Outbound Documents

Offline preparation

Before going online to set up your document definition, gather the following information for the business documents you want to track:

- If the document definition being created is for a single partner, you will need the partner ID and qualifier. For the outbound example, you will not use a specific partner ID, but will track data for all partners.
- Identify the Standard Version to be tracked for each document definition. ANSI Version 004010 is used for the outbound example.
- Information from the documents to be tracked: You can specify up to six elements for each document definition. You will need the segment ID, element sequence numbers and any qualifiers to be used. You must create a *business name* for each element as well. Choose a name that is used by your company.

  Example
  If your company commonly refers to an invoice number as “INV #,” use that as the Business Name in Gentran:Viewpoint.

Access the Viewpoint subsystem

To access the Gentran:Viewpoint subsystem, select option **12** (Viewpoint Menu) on the GENMAIN panel.

```
GENMAIN              Gentran:Server for iSeries Version 3.4
                                                              System:   ISDDEV01
Select one of the following:

     1. Work with Partners
     2. Work with Application Definition
     3. Mapping Menu                                (GENMAP)
     4. Communications Menu                         (GENCOM)
     5. Work with Standards
     6. Work with Environment Control

     8. Audit Menu                                  (GENAUD)
     9. Message Center Menu                         (GENMSG)
    10. Processing Menu                             (GENPRC)
    11. System Administration Menu                  (GENSYS)
    12. Viewpoint Menu                              (GENVPT)
    13. Gentran File Tracking Menu                  (GENFILETRK)
    14. Gentran:Server Search Index
                                                                        More...
Selection or command
===> 12

F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel   F13=User Support
```

(Continued on next page)

System Response

The Viewpoint menu (GENVPT) displays.

```
GENVPT                        Gentran:Viewpoint 3.4
                                                             System:   ISDDEV01
Select one of the following:

      1. Work with Viewpoint
      2. Work with Viewpoint Queries
      3. Work with Automatic Notification

      7. Print Automatic Notification Profiles      (PRTAUTO)
      8. Print Viewpoint Doc Definition             (PRTVPT)
      9. Print Viewpoint Query Results              (PRTVPTQRY)
     10. Purge Viewpoint History                    (PRGVPT)
     11. Retrieve Viewpoint History                 (RTVVPT)
     12. Copy Viewpoint Document Definitions        (VPTCPY)

     90. Sign off



Selection or command
===> ______________________________________________________________________

F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel   F13=User Support
(C) COPYRIGHT Sterling Commerce Inc., 2006, ALL RIGHTS RESERVED.
```

Alternative method

Another way to access Viewpoint is to type GO GENVPT on the command line and press **Enter** or use the jump code feature by typing **J VPT** on the command line and pressing **Enter**.

Important Note

If you are not authorized to the Viewpoint menu (because Viewpoint is not enabled), check the data area, ACTVIEW, to ensure that it is not blank. When the data area is blank, Viewpoint is deactivated. If Viewpoint is not enabled, but the data area contains data, the activation code may be incorrect for the system on which it is loaded. Contact product support for help obtaining a valid activation key.

If you do not have function level or subsystem level authority, contact your system administrator to get authorization in your environment control profile.

Create a Document Definition

Overview

In this section, you will create a *document definition* to track outbound invoices sent to all of the trading partners. The document definition contains the key information for a specific type of business document you want to track. This key information includes:

- A descriptive document name
- Standards version, transaction ID
- Direction (inbound or outbound), and
- Partner ID and qualifier, if any.

Note
Choose a descriptive document name. For the example, 810 INVOICES 4010 is used to indicate the direction and type of document being tracked by this document definition.

Procedure

Use this procedure to create the document definition.

Step	Action
1	On the Viewpoint menu (GENVPT), select option **1**, Work with Viewpoint, and press **Enter**.
2	On the key entry line, type **1** in the Option field, a document name, and **S** or **R** for Send or Receive. • If the document definition is to be used for a specific partner, type the partner ID and Qualifier. • If no partner ID is entered, Gentran:Viewpoint automatically enters the default ALL. Press **Enter**. **Note** If the document already exists, specify a unique partner ID. **Example** For the example, we have illustrated the Revise option (Option 2) for an existing document, 810 INVOICES 4010.

```
EDIX800                         Work with Viewpoint               EDI 03/01/06
FMT01                 pgmlib: G3X4PGM     dtalib: G3X4DTA             12:00:00

Position to Document Name. . . . .  _________________________  S/R _
            Partner ID . . . . . .  ______________________________ Qual _____

Type option (and Information), press Enter.
  1=Create   2=Revise   3=Copy   4=Delete   5=View   6=Print   7=Rename

Opt  Document Name              S/R  Partner ID                      Qual  Sts

__   _________________________   _   ______________________________  ____
__   TINATESTDOC                 S   TINATESTPARTNER                         A
__   TPCO INBOUND ORDERS         R   TPCOMPANY                               A
2    810 INVOICES 4010           S   ALL                                     A
__   850 ORDERS 4010             R   ALL                                     A

                                                                        Bottom
Parameters or command
===> ______________________________________________________________________
F1=Help   F3=Exit   F6=More/Less   F12=Cancel   F15=Sort   F24=More Keys
```

System Response
The Document Definition panel (EDIX808-FMT01) displays.

Note
No two active document definitions can have the same combination of document direction (Send or Receive), Version, Transaction ID and Partner.

Define the Document to Viewpoint

On the Document Definition panel (EDIX808-FMT01), you will enter additional information for Gentran:Viewpoint to use in identifying documents to track.

Step	Action
1	On the Document Definition panel, type the Version to be tracked and the Transaction ID. For the example, type **004010** in the Version field and type **810** in the Transaction ID field. EDIX808 Document Definition EDI 03/01/06 FMT01 12:00:00 Document Name. . . . . 810 INVOICES 4010 Sent or Received . . . . S Partner ID . . . . ALL Partner Qual . . . . Version. . . . . 004010 Transaction ID . . . . 810 Release. . . . . 0 Status . . . . A Division . . . . 000 Update Allowed . . . . Y Last Update User . . . . EDI Last Update Date . . . . 03/01/06 F1=Help F4=Prompt F10=Update F12=Cancel F21=Prt Vpt F24=More Keys **Note** • The Version and Transaction ID used must exist in Gentran:Server's online standards. Use **F4** (Prompt) to select from versions and transactions currently online. • Notice that ALL has been filled in for the Partner ID field, indicating that matching documents for all of your trading partners will be tracked.
2	Press **F10** (Update) to create the document definition and return to the Work with Viewpoint panel (EDIX800-FMT01). **Note** If an active document already exists for the version, transaction, direction, and partner, you can still add the definition by changing the status to I (inactive) and then investigate which document should be the active document for tracking.

Add Document Selection Fields

Overview

Next, choose the EDI data elements that should be tracked in Gentran:Viewpoint under the document definition. These fields will be available for querying purposes later on. Up to six elements can be specified for each document definition. These data elements become the *document selection fields* for the document definition.

Gentran:Viewpoint uses these elements in conjunction with the information entered on the Document Definition panel (EDIX808-FMT01) to identify each tracked document.

Field values

Use the following field values for the provided example.

Selection Field #	ID/Seq	Business Name	Qualifier ID/Seq	Qualifier Value
1	BIG002	Inv Num		
2	BIG001	Inv Date		
3	BIG004	PO Num		
4	N1 002	Ship To	N1 001	ST
5	TDS001	Total Amt		
6	CTT002	Total Qty		

Enter the data elements

Use this procedure to enter the data elements for this document definition.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>

On the Work with Viewpoint panel (EDIX800-FMT01), type **11** next to 810 INVOICES 4010 and press **Enter**.

System Response
The Document Selection Fields panel (EDIX801-CTL01) displays.

```
EDIX801                  Document Selection Fields              EDI 03/01/06
CTL01                                                               12:00:00

Document Name. . . . . . . . . . .  810 INVOICES 4010
Sent or Received . . . . . . . . .  S                               Sts. A
Partner ID . . . . . . . . . . . .  ALL                             Qual
Version. . . . . . . . . . . . . .  004010
Transaction ID . . . . . . . . . .  810                             Rel. 0


Type option, press Enter.
  4=Delete
EDI Segments and Elements:             Qualifier
    Seg ID/                            Seg ID/
Opt Elm Seq Business Name              Elm Seq Value
    BIG002  Inv Num
    BIG001  Inv Date
    BIG004  PO Num
    N1 002  Ship To                    N1 001  ST
    TDS001  Total Amt
    CTT002  Total Qty
                                                                       Bottom
F1=Help  F4=Prompt  F10=Update  F12=Cancel  F21=Prt Vpt  F24=More Keys
```

</td></tr>
<tr><td>2</td><td>

On this panel, type the Segment ID and Element Sequence Number for each EDI data element.

Note

- Enter the segments in the order to be used when viewing the tracked data.
- If you are not sure what the Segment ID and Element Sequence Number are, use **F4** (Prompt) on the Seg ID/Elm Seq field. Select Segment IDs and element sequence numbers from the Prompt panel by typing **1** in the Option field next to the appropriate segment/element.

</td></tr>
<tr><td>3</td><td>

Type the business name for each segment ID and element sequence number. For ease of use, select the name commonly used for this element within your company.

Example
If your company uses the term “INV #” to refer to invoice numbers, enter “INV #” as the Business Name for this element.

(Continued on next page)

</td></tr>
</table>

(Contd) Step	Action
4	Enter the Qualifiers, if necessary. **Example** If you want to track the Ship To Name, but the same segment occurs again containing the Bill To Name, use a qualifier to tell Gentran:Viewpoint to pick up the Ship To Name and ignore all other occurrences of this segment for each document. **Note** Gentran:Viewpoint *only tracks the first occurrence* of a segment that occurs multiple times in a document. **Example** If you use an item such as Product ID or Line Item Number, you will find that only the first Product ID or Line Item Number in each document is tracked by Gentran:Viewpoint. If a qualifier is used, Gentran:Viewpoint tracks the first matching segment in the document. If you decide to use a segment that will appear multiple times in a document, you can use a qualifier to track the occurrence you want.
5	After completing all the document selection field entries, press **F10** (Update) to add the values and return to the Work with Viewpoint panel (EDIX800-FMT01).
6	To print the Document Definition with the Selection fields, select option **6** (Print).

Select Exception Errors to Track

Overview

Up to 25 Gentran:Server errors (or ranges of errors) can be tracked for each document definition. If one of the specified errors occurs while data is being processed by a Gentran:Server Mapper or Editor, you can view the error message, record number, segment and element where the error occurred on the Error Message panel (EDIX805-CTL01), which is discussed later in this chapter.

Note

Errors that cause data to be suspended at the Interchange or Group level such as error #55 (Indicated Version not found in tables. Suspending this Interchange) and #183 (Partner ID not on Partner File. Suspending this Interchange) are not shown in Gentran:Viewpoint because the document suspended is not known to Gentran:Viewpoint.

Procedure

Use this procedure to select errors for tracking.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>On the Work with Viewpoint panel (EDIX800-FMT01), type 12 (Err Select) next to the document definition, 810 INVOICES 4010, and press Enter.

System Response
The Exception Error Selection panel (EDIX802-CTL01) displays.

<pre>
EDIX802   Exception Error Selection   EDI 03/01/06
CTL01   12:00:00

Document Name. . . . . 810 INVOICES 4010
Sent or Received . . . . S   Sts. A
Partner ID . . . . ALL
Partner Qual . . . .

Type option, press Enter.
  4=Delete

      Error Messages
Opt   From   To
__   ___1 - 864
__   ___ - ___
__   ___ - ___
__   ___ - ___
__   ___ - ___
__   ___ - ___
__   ___ - ___
__   ___ - ___
                                                                    More...
F1=Help F4=Prompt F10=Update F12=Cancel F24=More Keys
</pre>
(Continued on next page)</td></tr>
</table>

<table>
<tr><th>(Contd) Step</th><th>Action</th></tr>
<tr><td>2</td><td>
a. Enter errors to be tracked for this document definition.

<table>
<tr><th>IF...</th><th>THEN...</th></tr>
<tr><td>you are typing a single error number (not part of a range of consecutive numbers)</td><td>type the error number in the From field and leave the corresponding To field blank.</td></tr>
<tr><td>you are typing a range of error numbers</td><td>type the first number to be included in the range in the From field. Type the last number to be included in the range in the To field.</td></tr>
</table>

Enter the full range of error numbers for this example, 1 to 864, to track all possible errors.

b. After typing the error numbers, press F10 (Update) to add the values and return to the Work with Viewpoint panel (EDIX800-FMT01).

Tip
Press F4 (Prompt) on the From or To fields to select from a complete list of Gentran:Server errors.

Reference
See the System Messages chapter in the Gentran:Server for iSeries Technical Reference Guide for a complete list of Gentran:Server errors and related messages.
</td></tr>
</table>

Summary

The outbound example is now set up. To review, you have accomplished the following:

- Entered the document definition 810 INVOICES 4010 (Version, Transaction ID, direction of documents, Partner ID and Qualifier)
- Entered the document selection fields for this document definition (up to six EDI data elements and a user-defined business name for each), and
- Entered the Gentran:Server errors to be tracked.

Now that a document definition exists within Gentran:Viewpoint, each time Gentran processing takes place, Gentran:Viewpoint compares the business documents that are processed to the document definition you have created. When a business document matches the document definition, Gentran:Viewpoint stores the date and time that the document is processed by each tracking point, the status of the document when processed, and the information for the document selection fields you specified.

The next section illustrates how to view data that was tracked for the outbound document definition.

View Outbound Tracked Data

Overview

When you initiate Inbound or Outbound processing (PRCTRNIN or PRCTRNOUT), Gentran:Viewpoint begins tracking your selected documents. This section explains how to view the data through Gentran:Viewpoint's two query options.

Viewpoint's Query options

Now that Gentran:Viewpoint is tracking your documents based on the document definition you have defined, it is time to view the data by using one of the following options:

- Basic Inquiry, which is useful for simple ad hoc inquiries about a specific business document or range of documents, or
- Document Query, which is used for more complex queries or those which will be carried out on an ongoing basis. Document queries can be saved for future use.

Use Basic Inquiry (Ad hoc Query)

Overview

Basic Inquiry enables you to quickly obtain answers to simple questions about business documents.

Procedure

Use this procedure to use the Basic Inquiry option for the document definition in this example.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>

On the Work with Viewpoint panel (EDIX800-FMT01), type **14** (Basic Inquiry) next to 810 INVOICES 4010 and press **Enter**.

System Response
The Basic Inquiry panel (EDIX803-FMT00) displays.

The Basic Inquiry panel enables you to search for a specific document, or to review a range of documents based on search criteria entered.

```
EDIX803                        Basic Inquiry                     EDI 03/01/06
FMT00                                                                12:00:00

Document Name. . . . . .  810 INVOICES 4010
Sent or Received . . . .  S                                Sts. . . .  A
Partner ID . . . . . . .  ALL                              Qual . . .

Exception Errors . . . .  Y

Partner ID . . . . . . .  ________________________________ Qual . . . _____
Date: From . . . . . . .  ____________
      To . . . . . . . .  ____________

Selection Operator . . .  GE  (GE, EQ)

Inv Num                   INV123
Inv Date                  ___________________________________________________
PO Num                    ___________________________________________________
Ship To                   ___________________________________________________
Total Amt                 ___________________________________________________
Total Qty

F1=Help  F3=Exit  F4=Prompt  F12=Cancel  F24=More Keys
```

Reference
See the following table, Field descriptions for the Basic Inquiry panel.

(Continued on next page)

</td></tr>
</table>

(Contd) Step	Action

2

Enter the following values for the example:

- Type **Y** in the Exception Errors field, so only documents that have an error that was entered on the Exception Error Selection panel (EDIX802-CTL01), or have a Reject or Abnormal status will be included in the results.
- Type **INV123** in the Invoice Num field.

  Note
  If you only wanted to search for a specific invoice, change the selection operator to EQ to search for an exact match.

After completing your entries, press **Enter**.

System Response
The Basic Inquiry panel (EDIX803-CTL01), displays.

```
EDIX803                        Basic Inquiry                    EDI 03/01/06
CTL01                                                               12:00:00
                                                                Sts. .  A
Exception Errors . . . .  Y      Date: From . .                 To . .
Partner ID . . . . . . .                                        Qual .
Selection Operator . . .  GE
Inv Num                   INV123
Inv Date
PO Num
Ship To
Total Amt
Total Qty
Type option, press Enter.
  11=Document History

Opt Partner ID           Inv Num                 Inv Date  PO Num
__  SWEET TEA            INV123                  20060228  PO123
__  SWEET TEA            INV444                  20060228  PO444


                                                                       Bottom
F1=Help  F3=Exit  F12=Cancel  F21=Print Results  F24=More Keys
```

Any values entered on the previous panel as search criteria are shown at the top of this panel for easy reference. The search results display in the lower half of the panel. Any documents tracked for this document definition that match the search criteria are shown.

Note
If the document definition was defined to track all partners, the first column in the subfile displays the partner ID for which the document was tracked.

3

To print the results of the query, press **F21** (Print Results).

System Response
The Viewpoint Query Results report (EBDI834A) is generated.

Field descriptions for the Basic Inquiry panel

This table describes the fields on the Basic Inquiry panel.

Field	Description
Exception Errors	If left at the default of N, any documents that match all criteria specified on this panel display. If changed to Y, only the following types of documents are included in the results: • Documents that have a tracking point with an error status resulting from an error entered on the Exception Error Selection (EDIX802-CTL01) panel • Documents that were rejected during processing (Reject status), and • Documents with a communications status of Abnormal.
Partner ID	If the document definition is designed to look for all partners' documents, use this field to enter a single trading partner's resolved partner ID to see only business documents for that partner.
Partner Qual	If a partner ID has a qualifier, the qualifier must be entered here.
From/To Dates	You can specify an inclusive range of dates for your document search. The date used is the date the document was first known to Gentran:Viewpoint; that is, the date of the first tracking point written to Gentran:Viewpoint. Dates need to be entered in the user's format as defined by the Environment Control profile.
Selection Operator	This is a Boolean operator field for evaluating the document selection fields against the selected values for running the ad hoc query. Valid values are: • GE (greater than or equal to) and • EQ (equal to). The default is GE. (Continued on next page)

(Contd) Field	Description
Document Selection Fields	The document selection fields entered on the Document Selection Fields panel (EDIX801-CTL01) are shown on this panel. You can enter minimum search values for any or all of these to narrow the search. Only the documents that meet the criteria of all the fields (greater than or equal to), and the criteria set for partner ID and qualifier and the date range, display in the results. If you leave the search criteria blank, all documents tracked for this document definition display.

View a document's EDI history

To see which tracking points a document has gone through and the date, time and status for each, type **11** in the Option field next to the appropriate document and press **Enter**. In our example, we used INV444.

System Response

The Document History panel (EDIX804-CTL01) displays. Each tracking point that the document has gone through displays, along with the associated date and time, and document status.

```
EDIX804                       Document History                   EDI 03/01/06
CTL01                                                                12:00:00
                                                              Sts. .  A
Document Name. . . . . .  810 INVOICES 4010         Send or Receive.  S
Partner ID . . . . . . .  SWEET TEA                           Qual .
Inv Num                   INV444
Inv Date                  20060228
PO Num                    PO444
Ship To                   SWEET DIV 2
Total Amt                        216.00
Total Qty                        155.00
Type option, press Enter.
  11=Error Messages  12=EDI Data
Opt Tracking Point        Status  Date        Time
__   Outbound Editor      Error*  02-28-06    14:50:43
__   Outbound Mapper      Normal  02-28-06    14:50:39





                                                                        Bottom
F1=Help  F3=Exit  F12=Cancel  F16=Prev Rcd  F17=Next Rcd
```

Notice that the document status for the Outbound Editor is Error*. The asterisk (*) indicates that the error was tracked by Gentran:Viewpoint, and that additional information is available by choosing Option 11 on this panel.

Reference

See the Getting Started with Gentran:Viewpoint chapter of this guide for a complete list of tracking points and statuses for each.

Notes

- To track Gentran:Server errors, complete the Exception Error Selection panel (EDIX802-CTL01) prior to running outbound processing.
- Errors can be tracked for the Gentran:Server Editors and Mappers.

View a document's error messages

Use this procedure to view a document's error messages.

For the example, on the Document History panel (EDIX804-CTL01), type **11** (Error Messages) in the Option field next to Outbound Editor and press **Enter**.

```
EDIX804                        Document History                  EDI 03/01/06
CTL01                                                                12:00:00
                                                              Sts. .  A
Document Name. . . . . .  810 INVOICES 4010         Send or Receive.  S
Partner ID . . . . . . .  SWEET TEA                           Qual .
Inv Num                   INV444
Inv Date                  20060228
PO Num                    PO444
Ship To                   SWEET DIV 2
Total Amt                        216.00
Total Qty                        155.00
Type option, press Enter.
  11=Error Messages   12=EDI Data
Opt Tracking Point        Status  Date        Time
11  Outbound Editor       Error*  02-28-06    12:00:00
__  Outbound Mapper       Normal  02-28-06    14:50:39



                                                                       Bottom
F1=Help  F3=Exit  F12=Cancel  F16=Prev Rcd  F17=Next Rcd
```

System Response
The Error Message History panel (EDIX805-CTL01) displays. This panel provides more detailed information on Gentran:Server errors that occurred for a document during processing through the Outbound Editor or Mapper.

```
EDIX805                     Error Message History                EDI 03/01/06
CTL01                                                                12:00:00

Tracking Point . . . . . . . . . .  Outbound Editor       Date   02-28-06
                                                          Time   12:00:00
 Errors:
 No.   Rcd Seg Elt  Comp Error Message
 386    29 N1    2       CONDITIONAL ELEMENT REQUIRED BUT NOT PRESENT IN THIS S
                         EGMENT.



                                                                       Bottom
F1=Help  F3=Exit  F9=Fold/Unfold  F12=Cancel  F24=More Keys
```

Note
Only errors entered on the Exception Error Selection panel (EDIX802-CTL01) can be viewed here.

The error number is shown at the far left, followed by the record number, segment ID, and element sequence number where the error occurred. The error message shown may be truncated on the right: To see the full message, press **F9** (Fold/Unfold). (The panel above shows messages after pressing **F9**.) When you have finished reviewing the error messages, press **F3** (Exit) or **F12** (Cancel) to return to the Document History panel (EDIX804-CTL01).

View a document's EDI data

On the Document History panel (EDIX804-CTL01), you also have the option to view a document's EDI data.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>
To view the EDI data, type 12 in the Option field next to the appropriate tracking point (outbound editor) and press Enter.

Note
EDI data can only be viewed using the Inbound and Outbound Editor tracking points.

System Response
The EDI Transaction Inquiry panel (EDIX453) displays.
<pre>
EDIX453   EDI Transaction Inquiry   EDI   03/01/06
                                                                   12:00:00
Int. ID/Qual. . . . SWEET TEA   S/R. . S
Interchange Name. . SWEET TEA - tutorial par Batch/Prof Seq# .   260 /   20
Interchange Cntl# . 000000003   Ack Dt/Time/Sts .
Group ID. . . . . . SWEET TEA   Overdue Ack Info.
Group Cntl# 000000001   Char. Count . . . 00000000382
Trans Cntl# 000000002   Trans Set 810
Doc Info. . INV444   Batch ID. .

ST*810*000000002µ
BIG*20060228*INV444*20060228*PO444µ
NTE*GEN*THIS IS AN INVOICE MESSAGE: THANK YOU FOR PAYINGµ
NTE*GEN*....... SO PROMPTLY ...µ
N1*BT*SWEET TEA COMPANYµ
N3*123 CANDY DR.µ
N4*LOLLIPOP*OH*43017µ
N1*ST*SWEET DIV 2*92*940µ
N1*REµ
DTM*011*20060228µ
                                                                   More...
Enter=Segment F1=Help F11=More Inq F12=Cancel F21=Prt Dta F22=Requeue
</pre>
</td></tr>
<tr><td>2</td><td>
To view segment-level data, move the cursor to the segment to be viewed and press Enter.

Note
EDI data cannot be viewed once it has been purged from the inbound or outbound queue.

Reference
See the “Using Communications” chapter in the Gentran:Server for iSeries Communications Guide for more information on purging inbound and outbound queues.
</td></tr>
<tr><td>3</td><td>To print the Transaction data, press F21.</td></tr>
<tr><td>4</td><td>When you have finished viewing the data, press F12 (Cancel) to return to the Document History panel, then press F3 (Exit) twice to exit to the Work with Viewpoint panel (EDIX800-FMT01).</td></tr>
</table>

Use the Document Query Option

Overview

Once a document definition has been defined to Gentran:Viewpoint and processing has taken place within Gentran:Server, the Document Query option enables you to review the documents that have been tracked by Gentran:Viewpoint.

What makes the Document Query option different from Basic Inquiry is that you can use Boolean operators and search values for the document selection fields, and save the queries to be used again.

Example

If you want to look at outbound invoices for $1,000 or more, and be able to run the same query periodically, you can create a document query once, save it, and use it at any time, rather than re-typing each time you wish to run the query. Additionally, permanent queries can be scheduled to run in an automated mode in batch.

Create a new document query

Use this procedure to create a new document query for the outbound example.

Step	Action
1	On the Work with Viewpoint panel (EDIX800-FMT01), enter **15** (Work with Queries) in the Option field for the document definition you wish to query, or on the key entry line to work with all queries for all definitions, and press **Enter**.

System Response
The Work with Document Queries panel (EDIX810-FMT01) displays.

```
EDIX810                Work with Document Queries              EDI 03/01/06
FMT01              pgmlib: G3X4PGM     dtalib: G3X4DTA             12:00:00

Position to Query ID . . . ___________ For  OUTBOUND INVOICES            S
                                            ALL



Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  6=Print  11=Select Records

Opt Query ID    Description                           Status
1_  SWEET TEA_
__  TPCO INV    Invoices sent to TPCOMPANY            ACTIVE






                                                                    Bottom
Parameters or command
===> ____________________________________________________________________
F1=Help  F3=Exit  F12=Cancel  F15=Sort  F23=More Options  F24=More Keys
```

Alternative method
You can also access the Work with Queries panel from the GENVPT menu (option 2, Work with Viewpoint Queries), or from the key entry line, and all permanent queries for all definitions are shown.

Note
When accessed from the GENVPT menu or from the key entry line for all document definitions, the screen shows inactive document definitions with an asterisk (*) to the left of the document name.

(Continued on next page)

(Contd) Step	Action
2	On the key entry line, type **1** in the Option field and type a new name for the query, **SWEET TEA**, in the Query ID field, and press **Enter**. **Note** If you accessed this panel for all document definitions, you will need to also specify the document name, direction, and partner for the query ID. **System Response** The Document Query Definition panel (EDIX809-FMT01) displays. On this panel, you will enter the details about the documents to be found with this query.

```
EDIX809                    Document Query Definition                     EDI 03/01/06
FMT01                                                                        12:00:00

Document Name. . . . . . . . . . .  OUTBOUND INVOICES
Sent or Received . . . . . . . . .  S                                Sts. .  A
Partner ID . . . . . . . . . . . .  ALL
Partner Qual . . . . . . . . . . .
Division . . . . . . . . . . . . .  000

Query ID . . . . . . . . . . . . .  SWEET TEA
Description. . . . . . . . . . . .  Invoices sent to Sweet Tea

Exception Errors . . . . . . . . .  N

From Date. . . . . . . . . . . . .
To Date. . . . . . . . . . . . . .
Partner ID . . . . . . . . . . . .  SWEET TEA
Qual . . . . . . . . . . . . . . .

Update Allowed . . . . . . . . . .  Y


F1=Help  F4=Prompt  F10=Update  F12=Cancel  F13=Services  F24=More Keys
```

(Continued on next page)

(Contd) Step	Action
3	On this panel, enter the details about the documents to be found with this query. The fields at the top of the panel identify the document definition for which the query is being created: • Document Name • Direction of the document (Sent or Received) • Partner ID • Qualifier • Division, and • Query ID. The rest of the fields on this panel are used as search criteria: • Exception Errors • From Date • To Date • Partner ID, and • Qual. **Reference** See the following table, Field descriptions for the Document Query Definition panel EDIX809-FMT01.
4	For the example, you want to find only the documents that have SWEET TEA as the partner ID. a. Type **Invoices sent to SWEET TEA** in the Description field to distinguish this query from others that you may create later. **Note** If you only want to see documents with errors, change the Exception Errors field to Y. b. Enter **SWEET TEA** in the Partner ID field, since this query is for looking at SWEET TEA data only. (Continued on next page)

(Contd) Step	Action
5	Press **F10** (Update) to update and return to the Work with Document Queries panel (EDIX810-FMT01). **System Response** The Work with Document Queries panel (EDIX810-FMT01) displays.

```
EDIX810                  Work with Document Queries              EDI 03/01/06
FMT01                pgmlib: G3X4PGM     dtalib: G3X4DTA             12:00:00

Position to Query ID . . . __________ For  OUTBOUND INVOICES            S
                                           ALL


Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  6=Print  11=Select Records

Opt Query ID    Description                           Status
    __________
11  SWEET TEA   Invoices sent to Sweet Tea            ACTIVE
_   TPCO INV    Invoices sent to TPCOMPANY            ACTIVE



                                                                   Bottom
Parameters or command
===> _________________________________________________________________________
F1=Help  F3=Exit  F12=Cancel  F15=Sort  F23=More Options  F24=More Keys
```

(Continued on next page)

(Contd) Step	Action
6	In the Option field next to the appropriate query ID, type **11** and press **Enter** to set up the document selection field criteria.

System Response
The Query Record Selection panel (EDIX811-CTL01) displays.

```
EDIX811                    Query Record Selection                EDI 03/01/06
CTL01                                                                12:00:00

Document Name. . . . OUTBOUND INVOICES            Sent or Received .  S
Query ID . . . . . . SWEET TEA                    Status . . . . . .  A
Description. . . . . Invoices sent to Sweet Tea

Exception Errors . . N (Y/N)                      Date: From . .
                                                        To . . .
Partner ID . . . . . SWEET TEA                        Qual . . . . .

Type option, press Enter.
  4=Delete
Select Records:
Opt Business Name              Op Search Value
__  __________________________ __ ______________________________________________
__  __________________________ __ ______________________________________________
__  __________________________ __ ______________________________________________
__  __________________________ __ ______________________________________________
__  __________________________ __ ______________________________________________
__  __________________________ __ ______________________________________________
                                                                          Bottom
F1=Help  F4=Prompt  F10=Update  F12=Cancel  F24=More Keys
```

On this panel, specify the selection fields with Boolean operators and search criteria that should be used for the query. Press F4 (prompt) on the Business Name field to see a list of the Selection fields that belong to the document definition that can be specified. Use these in conjunction with Boolean operators and alphanumeric search values to create search criteria to find documents.

Note
Boolean operators are:

- GE (Greater Than or Equal To)
- LE (Less Than or Equal To)
- GT (Greater Than)
- LT (Less Than)
- EQ (Equal To)

(Continued on next page)

<table>
<tr><th>(Contd) Step</th><th>Action</th></tr>
<tr><td>7</td><td>

To enter search criteria for a document selection field, type its business name *exactly* as you entered it on the document selection field panel (EDIX801-CTL01) or press F4 (prompt) to select the name from a list.

In the corresponding Option field, enter a Boolean operator, and in the corresponding Search Value field, enter the appropriate value.

For the example, you also want to find documents that have a total invoice amount of over $10.

a. In the first Business Name field, press **F4** (prompt) and select **Total Amt**. (This is the business name entered for this field on the Document Selection Fields panel.)

b. In the corresponding Option field, type the Boolean operator **GT** (Greater Than). For a list of operators, press **F4**.

c. In the corresponding Search Value field, type **10.00**, which indicates that you only want values greater than $10 selected.

```
EDIX811                    Query Record Selection                  EDI 03/01/06
CTL01                                                                  12:00:00

Document Name. . . . OUTBOUND INVOICES             Sent or Received .  S
Query ID . . . . . . SWEET TEA                     Status . . . . . .  A
Description. . . . . Invoices sent to Sweet Tea

Exception Errors . . N (Y/N)                       Date: From . .
                                                         To . . .
Partner ID . . . . . SWEET TEA                         Qual . . . . .

Type option, press Enter.
  4=Delete
Select Records:
Opt Business Name              Op Search Value
__  Total Amt                  GT 10.00
__  ______________________     __ ____________________________________________

                                                                      Bottom
F1=Help  F4=Prompt  F10=Update  F12=Cancel  F24=More Keys
```

</td></tr>
<tr><td>8</td><td>Press F10 (Update) to add the values and return to the Work with Document Queries panel (EDIX810-FMT01).</td></tr>
</table>

Field descriptions for the Document Query Definition panel EDIX809-FMT01

This table describes the fields on the Document Query Definition panel EDIX809-FMT01.

Field	Description
Exception Errors	If left at the default of N, any documents that match all criteria specified on this panel display. If changed to Y, only the following types of documents are included in the results: • Documents that have a tracking point with an Error status resulting from an error entered on the Exception Error Selection (EDIX802-CTL01) panel • Documents that were rejected during processing (Reject status), and • Documents with a Communications status of Abnormal.
From/To Dates	You can specify an inclusive range of dates for your document search. The date used is the date the document was first known to Gentran:Viewpoint. That is, the date of the first tracking point written to Gentran:Viewpoint.
Partner ID	If the document definition is designed to look for all partners' documents, use this field to enter a single trading partner's resolved partner ID to see only business documents for that partner.
Partner Qual	If a partner ID has a qualifier, the qualifier must be entered here.
Update Allowed	A flag to lock the query to prevent inadvertent updates. If Y, updates can be made. Only users with a data level authority of 1 in the environment control profile can change the flag.

Use Document Query to view and print tracked data

Once you have created a Document Query for a document definition, and processing for this type of document has occurred through Gentran:Server, you can use the Work with Document Queries option to view the tracked documents.

Step	Action
1	On the Work with Document Queries panel (EDIX810-FMT01), type **12** in the Option field next to the appropriate query ID and press **Enter**.

```
EDIX810                 Work with Document Queries                  EDI 03/01/06
FMT01               pgmlib: G3X4PGM     dtalib: G3X4DTA                 12:00:00

Position to Query ID . . . __________ For  OUTBOUND INVOICES              S
                                           ALL


Type option (and Information), press Enter.
  12=Exec Query

Opt Query ID    Description                           Status
    __________
12  SWEET TEA   Invoices sent to Sweet Tea            ACTIVE
__  TPCO INV    Invoices sent to TPCOMPANY            ACTIVE




                                                                     Bottom
Parameters or command
===> ____________________________________________________________________________
F1=Help  F3=Exit  F12=Cancel  F15=Sort  F23=More Options  F24=More Keys
```

Step	Action
1 (cont.)	**System Response** The Query Results panel (EDIX812-CTL01) displays. The query ID, description, partner ID, and From/To dates are shown at the top of the panel for easy reference. The search results display in the lower half of the panel. Any documents tracked for this document definition that match the search criteria are shown.
2	To print the query results, press **F21** (Print Results). **System Response** The Viewpoint Document Definition report (EBDI834P) is generated.

(Continued on next page)

<table>
<tr><th>(Contd) Step</th><th>Action</th></tr>
<tr><td>3</td><td>

To see which tracking points a document has gone through, and the date, time, and status for each, type **11** (Document History) in the Option field next to the appropriate document and press **Enter**. In our example, we used INV444.

```
EDIX812                         Query Results                          EDI 03/01/06
CTL01                                                                      12:00:00

Document Name. . . . OUTBOUND INVOICES          Sent or Received . .  S
                                                Status . . . . . . .  A
Query ID . . . . . . SWEET TEA
Description. . . . . Invoices sent to Sweet Tea
Exception Errors . . Y                              Date: From . .
                                                          To . . .
Partner ID . . . . . Sweet Tea                        Qual . . . . .

Type option, press Enter.
  11=Document History

Opt  Total Invoice Amt    Invoice Num             Invoice Date  Ship To
11        1130.00         INV123                  060301        TP DIV 1




                                                                        Bottom
F1=Help  F3=Exit  F12=Cancel  F21=Print Results  F24=More Keys
```

System Response

The Document History panel (EDIX804-CTL01) displays.

</td></tr>
</table>

View a document's EDI history

Each tracking point that the document has been processed by, its date and time of processing, and the status at each point, displays on the Document History panel.

Reference

See the Getting Started with Gentran:Viewpoint chapter in this guide for a complete list of tracking points and statuses for each.

```
EDIX804                        Document History                    EDI 03/01/06
CTL01                                                                  12:00:00
                                                               Sts. .  A
Document Name. . . . . .  OUTBOUND INVOICES         Send or Receive.  S
Partner ID . . . . . . .  SWEET TEA                            Qual .
Invoice Num               INV123
Invoice Date              060301
Ship To                   SWEET DIV 1
PO Num                    PO123
Total Quantity                   155.00
Total Invoice Amt               1130.00
Type option, press Enter.
  11=Error Messages  12=EDI Data
Opt Tracking Point        Status  Date        Time
__   Outbound Editor      Error*  02-28-06    10:19:58
__   Outbound Mapper      Error*  02-28-06    10:19:41




                                                                         Bottom
F1=Help  F3=Exit  F12=Cancel  F16=Prev Rcd  F17=Next Rcd
```

Notice that in the diagram above, the document status for the Outbound Editor is Error*. The asterisk (*) indicates that the error was tracked by Gentran:Viewpoint, and that additional information is available by choosing Option 11 on this panel.

Note

To track Gentran:Server errors, complete the Exception Error Selection panel (EDIX802-CTL01) prior to running outbound processing. Errors can be tracked for the Gentran:Server Editors and Mappers.

View a document's error messages

Use this procedure to view a document's error messages.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>On the Document History panel, type 11 (Error Messages) in the Option field next to Outbound Editor and press Enter.

System Response
The Error Message History panel (EDIX805-CTL01) displays. This panel provides more detailed information on Gentran:Server errors that occurred for a document during processing through the Outbound Editor or Mapper.
<pre>
EDIX805   Error Message History   EDI 03/01/06
CTL01   12:00:00

Tracking Point . . . . Outbound Editor   Date   02-28-06
                                                           Time   10:19:58
 Errors:
 No.   Rcd Seg Elt Comp Error Message
  62   15 IT1   3   MISSING INDICATED MANDATORY ELEMENT.
  62   17 IT1   3   MISSING INDICATED MANDATORY ELEMENT.
 386   13 N1   2   CONDITIONAL ELEMENT REQUIRED BUT NOT PRESENT IN THIS S

                                                                       Bottom
F1=Help F3=Exit F9=Fold/Unfold F12=Cancel F24=More Keys
</pre>Note
Only errors entered on the Exception Error Selection panel (EDIX802-CTL01) and reject errors can be viewed here.

The error number is shown at the far left, followed by the record number, segment ID, and element sequence number where the error occurred.</td></tr>
<tr><td>2</td><td>The error message shown may be truncated on the right. To see the full message, press F9 (Fold/Unfold).</td></tr>
<tr><td>3</td><td>When you have finished reviewing the error messages, press F3 (Exit) or F12 (Cancel) to return to the Document History panel (EDIX804-CTL01).</td></tr>
</table>

View a document's EDI data

On the Document History panel (EDIX804-CTL01), you also have the option to view a document's EDI data. Use this procedure to view a document's EDI data.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>On the Document History panel (EDIX804-CTL01), type 12 (EDI Data) in the Option field next to the appropriate tracking point (outbound editor) and press Enter.

Note
EDI data can only be viewed using the Inbound and Outbound Editor tracking points.

System Response
The EDI Transaction Inquiry panel (EDIX453) displays.
<pre>
EDIX453   EDI Transaction Inquiry   EDI   03/01/06
                                                                     12:00:00
Int. ID/Qual. . . . SWEET TEA   S/R. . S
Interchange Name. . SWEET TEA - tutorial par Batch/Prof Seq# .   260 /   20
Interchange Cntl# . 000000003   Ack Dt/Time/Sts .
Group ID. . . . . . SWEET TEA   Overdue Ack Info.
Group Cntl# 000000001   Char. Count . . . 00000000382
Trans Cntl# 000000002   Trans Set 810
Doc Info. . INV444   Batch ID. .

ST*810*000000002µ
BIG*20060228*INV444*20060228*PO444µ
NTE*GEN*THIS IS AN INVOICE MESSAGE: THANK YOU FOR PAYINGµ
NTE*GEN*....... SO PROMPTLY ...µ
N1*BT*SWEET TEA COMPANYµ
N3*123 CANDY DR.µ
N4*LOLLIPOP*OH*43017µ
N1*ST*SWEET DIV 2*92*940µ
N1*REµ
DTM*011*20060228µ
                                                                      More...
Enter=Segment F1=Help F11=More Inq F12=Cancel F21=Prt Dta F22=Requeue
</pre>
Note
EDI data cannot be viewed once it has been purged from the inbound or outbound queue.

Reference
See the Using Communications chapter in the Gentran:Server for iSeries Communications Guide for more information on purging the inbound and outbound queues.</td></tr>
<tr><td>2</td><td>To view segment-level data, move the cursor to the segment to be viewed and press Enter.</td></tr>
<tr><td>3</td><td>To print the EDI data, press F21.</td></tr>
<tr><td>4</td><td>When you have finished viewing the data, press F12 (Cancel) to return to the Document History panel (EDIX804-CTL01), then press F3 (Exit) repeatedly to exit to the Work with Viewpoint panel (EDIX800-FMT01).</td></tr>
</table>

Copy Document Definitions

Overview

In this task, you will copy an existing document definition into a new document definition.

IF...	THEN...
the Copy From and Copy To version and transaction ID are the same	Gentran:Server copies all of the document selection fields into the new definition.
the transaction ID is the same as the Copy To but the version is different	the element definitions are checked against standards.
the element definition is not found	no fields are copied.
an element's definition changed, for example, element type or field length	fields are copied over with the new type and length.
the transaction ID is different	no document selection fields are copied.

Note
A report (EBDI808) is always generated when copying to a different version.

Procedure Use this procedure to copy a document definition.

Step	Action
1	Type **3** (Copy) in the Option field next to the document name you want to copy on the Work with Viewpoint panel (EDIX800-FMT01). Press **Enter**. **System Response** A Copy To window displays.

```
EDIX800                    Work with Viewpoint                 EDI 03/01/06
FMT01               pgmlib: G3X4PGM     dtalib: G3X4DTA            12:00:00

Position to Document Name. . . . . __________________________ S/R _
            Partner ID . . . . . . _______________________________ Qual ____

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  6=Print  7=Rename

Opt Document Name             S/R  Partner ID                       Qual  Sts
__  ________________________   _   _______________________________  ____
__  TINATESTDOC                S   TINATESTPARTNER                         A
__  TPCO INBOUND ORDERS        R   TPCOMPANY                               A
3_  810 INVOICES 4010          S   ALL                                     A
      Copy To
    810 INVOICES 4011________  S   ALL_________________________________  ____
    F3=Exit  F12=Cancel

                                                                          om
===>_________________________________________________________________________
 F1=Help  F3=Exit  F6=More/Less  F12=Cancel  F15=Sort  F24=More Keys
```

Step	Action
2	Type the new document name and **S** for Send or **R** for Receive, and Partner ID, and Qualifier, and press **Enter**. **System Response** The Document Definition panel (EDIX808-FMT01) displays. You can accept the new document definition as it is or modify the field values.
3	Press **F10** (Update) to create the document.

This concludes the outbound example. The sections of this chapter that follow explain additional Gentran:Viewpoint functions and tasks.

Set Up the Network Report Interface

Overview

Introduction

If you use either the COMMERCE (Sterling Commerce COMMERCE:Network), Advantis, or GEIS Value Added Networks, and want to use the network as a Gentran:Viewpoint tracking point, you must perform the following tasks:

- Ensure that the network reports you receive are in data format (machine-readable); you may need to contact your network's support staff to set this up properly.
- Change the Gentran:Server communications script(s) used for the network so that they use the correct file and network commands. The filenames used for each network and a sample script for each network are contained later in this chapter.
- Set up the Network Report Interface within Gentran:Viewpoint by entering a Network Report ID and the communications profile and session name to be used with the network.

Change the Communications Scripts

Overview

You must change the Communications script used by Gentran:Server so that it includes the filename for your network, listed in this table.

Network	Filename
COMMERCE	COMNETFIL or COMNETFILA
Advantis	IBMNETFIL
GEIS	GEISNETFIL

The section that follows contains sample scripts for COMMERCE, Advantis, and GEIS.

Recommendation
We recommend that you make a copy of the script you currently use before making any changes.

Reference

- See your network guide or contact your network provider for more information about commands used for requesting report data.
- See the Using Communications chapter in the *Gentran:Server for iSeries Communications Guide* for more information about making changes to your communications scripts.

Script Samples

Overview

The diagrams that follow illustrate sample Communications scripts for each of the three networks for both BSC and SNA protocols, where supported. Each diagram shows the entire script. You must page up or down to see the entire script on the Communications panel (EDIX403-CTL01). On the following pages, lines in the scripts that must be changed or added are circled.

COMMERCE: Network

Gentran:Viewpoint uses the following reports from COMMERCE:Network:

- **020**—Transmission Confirmation Report (Optional) (supplies information for the “Network Received” tracking point), and
- **060**—On-Demand Mailslot Status Report (supplies information for the “Network Processed” and “Partner Picked-Up” tracking points).

Recommendation
We recommend you contact COMMERCE:Network Customer Support and request an additional mailslot to hold your 020 (optional) and 060 Reports.

Note
If you choose not to use the 020 report, the Network Received tracking point will not be available for your documents. If you do want to see this tracking point, request that COMMERCE:Network put the 020 report in your additional mailslot in data format.

Please note that you will no longer receive the 020 report in report format if you choose to use this option.

COMMERCE:Network Sample Script—RA Session (BSC)

```
EDIX403                 Communication Session Control          EDI      03/01/06
 CTL01                                                                  12:00:00
 Comm Profile ID. . . . . . . . . .  CN3BSC
 Session Name . . . . . . . . . . .  RA
 Company. . . . . . . . . . . . . .  COMMERCE:NETWORK RELEASE 3 BISYNC
 Type option, press Enter.
   3=Copy  4=Delete  7=Copy Seq#  11=Extended Parms

 Opt Seq No Tran File File Name  Ind Description
 __      20   C    __  __________  0  SEND REQUEST FOR REPORTS______
$$REQUEST ID=SX999R BATCHID='TEST'______________________________________________
 __      25   C    __  __________  0  REQUEST REPORTS FOR VIEWPOINT_
$$REQUEST ID=SX999V BATCHID='TEST'______________________________________________
 __      30   C    __  __________  2  SEND REQUEST FOR X12 DATA_____
$$REQUEST ID=SX999D BATCHID='TEST'______________________________________________
 __      40   R    SP  __________  7  RECEIVE REPORT DATA TO SPOOL__
***  ERROR  ***  NO BATCHES FOR TRANSMISSION____________________________________
 __      45   R    IF  COMNETFIL_  7  RECV REPORTS FOR VIEWPOINT____
***  ERROR  ***  NO BATCHES FOR TRANSMISSION____________________________________
 __      50   R    IQ  __________  7  RECV X12 DATA TO INQUE________
```

Action

Add Seq No's 25 and 45 into your RA session exactly as indicated above, replacing SX999V and batch ID with your additional mailslot.

System Response

- Seq No 25 requests your 020 (optional) and 060 reports from your additional mailslot.
- Seq No 45 receives your 020 (optional) and 060 reports into a file called COMNETFIL.

Note

If you are receiving reports for version D0001, specify file name COMNETFILA instead of COMNETFIL.

(Continued on next page)

COMMERCE:Network Sample Script—RR Session (BSC)

```
EDIX403                 Communication Session Control            EDI      03/01/06
 CTL01                                                                    12:00:00
 Comm Profile ID. . . . . . . . . .   CN3BSC
 Session Name . . . . . . . . . . .   RR
 Company. . . . . . . . . . . . . .   COMMERCE:NETWORK RELEASE 3 BISYNC
 Type option, press Enter.
   3=Copy  4=Delete  7=Copy Seq#  11=Extended Parms

 Opt Seq No Tran File File Name  Ind Description
 __      20   C    __  __________  2  SEND REQUEST FOR REPORTS______
$$REQUEST ID=SX999R BATCHID='TEST'______________________________________________
 __      25   C    __  __________  2  REQUEST REPORTS FOR VIEWPOINT_
$$REQUEST ID=SX999V BATCHID='TEST'______________________________________________
 __      30   R    SP  __________  7  RECEIVE REPORTS TO SPOOL______
***  ERROR  ***  NO BATCHES FOR TRANSMISSION____________________________________
 __      35   R    IF  COMNETFIL_  7  RECV REPORTS FOR VIEWPOINT____
***  ERROR  ***  NO BATCHES FOR TRANSMISSION____________________________________
 __           _    __  __________  _  ______________________________
________________________________________________________________________________
```

Action
Add Seq No's 25 and 35 into your RR session exactly as indicated above, replacing SX999V and batch ID with your additional mailslot.

System Response

- Seq No 25 requests your 020 (optional) and 060 reports from your additional mailslot.
- Seq No 35 receives your 020 (optional) and 060 reports into a file called COMNETFIL.

Note
If you are receiving reports for version D0001, specify file name COMNETFILA instead of COMNETFIL.

(Continued on next page)

COMMERCE:Network Sample Script—SR Session (BSC)

```
EDIX403                Communication Session Control            EDI     03/01/06
 CTL01                                                                  12:00:00
 Comm Profile ID. . . . . . . . . .  CN3BSC
 Session Name . . . . . . . . . . .  SR
 Company. . . . . . . . . . . . . .  COMMERCE:NETWORK RELEASE 3 BISYNC
 Type option, press Enter.
   3=Copy  4=Delete  7=Copy Seq#  11=Extended Parms

 Opt Seq No Tran File File Name  Ind Description
 __      20    C    __  __________  0  SEND REQUEST FOR REPORTS______
$$REQUEST ID=SX999R BATCHID='TEST'______________________________________________
 __      25    C    __  __________  0  REQUEST REPORTS FOR VIEWPOINT_
$$REQUEST ID=SX999V BATCHID='TEST'______________________________________________
 __      30    C    __  __________  0  SEND REQUEST FOR X12 DATA_____
$$REQUEST ID=SX999D BATCHID='TEST'______________________________________________
 __      40    C    __  __________  0  SEND $$ADD RECORD_____________
$$ADD ID=SX999D BATCHID='TEST'__________________________________________________
 __      50    S    OQ  __________  2  SEND X12 DATA FROM OUTQUE_____
________________________________________________________________________________
 __      60    R    SP  __________  7  RECEIVE REPORTS TO SPOOL______
***  ERROR  ***  NO BATCHES FOR TRANSMISSION____________________________________
 __      65    R    IF  COMNETFIL_  7  RECV REPORTS FOR VIEWPOINT____
***  ERROR  ***  NO BATCHES FOR TRANSMISSION____________________________________
 __      70    R    IQ  __________  7  RECEIVE X12 DATA TO INQUE_____
```

Action

Add Seq No's 25 and 65 into your SR session exactly as indicated above, replacing SX999V and batch ID with your additional mailslot.

System Response

- Seq No 25 requests your 020 (optional) and 060 reports from your additional mailslot.
- Seq No 65 receives your 020 (optional) and 060 reports into a file called COMNETFIL.

Note

If you are receiving reports for version D0001, specify file name COMNETFILA instead of COMNETFIL.

(Continued on next page)

Commerce:Network Sample Script—ST Session (BSC)

```
EDIX403                Communication Session Control            EDI     03/01/06
 CTL01                                                                  12:00:00
 Comm Profile ID. . . . . . . . . .  CN3BSC
 Session Name . . . . . . . . . . .  ST
 Company. . . . . . . . . . . . . .  COMMERCE:NETWORK RELEASE 3 BISYNC
 Type option, press Enter.
   3=Copy  4=Delete  7=Copy Seq#  11=Extended Parms

 Opt Seq No Tran File File Name  Ind Description
 __      20   C    __  __________  0  SEND ADD RECORD_______________
$$ADD ID=SX999D BATCHID='TEST'__________________________________________________
 __      30   C    __  __________  2  SEND REQUEST FOR (060) REPORT_
??STAT ID=SX999D RPASS='TEST' DEST=SX999V DPASS='TEST' OPT=S TYPE=D_____________
```

Action

You must add this ST script to request your 060 report.

Notes

- The ??STAT command is used to identify the mailslot for which you want processing activity. The DEST parameter is used to identify where you want the 060 report to be loaded—in this case, your additional mailslot.
- You can request the 060 report as often as necessary. Each time you request this report, the network provides processing activity for the previous 24 hours, less 10 minutes (the time required to compile the report).

Action

After running the ST session, you must run one of the sessions you have just modified that receives the reports to the COMNETFIL or COMNETFILA file.

(Continued on next page)

COMMERCE:Network Sample Script—RA Session (SNA)

```
EDIX403                 Communication Session Control             EDI      03/01/06
 CTL01                                                                     12:00:00
 Comm Profile ID. . . . . . . . . .  CN3SNA
 Session Name . . . . . . . . . . .  RA
 Company. . . . . . . . . . . . . .  COMMERCE:NETWORK RELEASE 3 SNA
 Type option, press Enter.
   3=Copy   4=Delete   7=Copy Seq#   11=Extended Parms

 Opt Seq No Tran File File Name  Ind Description
 __      10    R     SP __________  7  TRAP LOGON MSG FROM SUPERTRACS
SUCCESSFUL LOGON TO SUPERTRACS__________________________________________________
 __      20    R     SP __________  7  TRAP SUPERTRACS READY MSG_____
*** SUPERTRACS READY FOR INPUT__________________________________________________
 __      30    C     __ __________  3  SEND REQUEST TO SUPERT________
$$REQUEST ID=SX999D BATCHID='TEST' MEDIA=BX_____________________________________
 __      40    R     IQ __________  5  RECV DATA TO INQUE____________
***  ERROR  *** TRANSMIT FAILED. NO BATCHES FOR TRANSMISSION____________________
 __      50    C     __ __________  3  SEND REQUEST TO SUPERT________
$$REQUEST ID=SX999R BATCHID='TEST'  MEDIA=BX____________________________________
 __      60    R     SP __________  5  RECV DATA TO SPOOL____________
***  ERROR  *** TRANSMIT FAILED. NO BATCHES FOR TRANSMISSION____________________
 __      65    C     __ __________  3  REQUEST REPORTS FOR VIEWPOINT_
$$REQUEST ID=SX999V BATCHID='TEST'  MEDIA=BX____________________________________
 __      67    R     IA COMNETFIL_  5  RECV REPORTS FOR VIEWPOINT____
***  ERROR  *** TRANSMIT FAILED. NO BATCHES FOR TRANSMISSION____________________
 __      70    C     __ __________  0  SEND LOGOFF TO END SESSION____
$$LOGOFF APPLID=APPLIDNAME RMT=LUNAME___________________________________________
```

Action

Add Seq No's 65 and 67 into your RA session exactly as indicated above, replacing SX999V and batch ID with your additional mailslot.

System Response

- Seq No 65 requests your 020 (optional) and 060 reports from your additional mailslot.
- Seq No 67 receives your 020 (optional) and 060 reports into a file called COMNETFIL.

Note

If you are receiving reports for version D0001, specify file name COMNETFILA instead of COMNETFIL.

(Continued on next page)

COMMERCE:Network Sample Script—RR Session (SNA)

```
 EDIX403                 Communication Session Control            EDI     03/01/06
 CTL01                                                                    12:00:00
 Comm Profile ID. . . . . . . . . . CN3SNA
 Session Name . . . . . . . . . .  RR
 Company. . . . . . . . . . . . .  COMMERCE:NETWORK RELEASE 3 SNA
 Type option, press Enter.
   3=Copy  4=Delete  7=Copy Seq#  11=Extended Parms

 Opt Seq No Tran File File Name  Ind Description
 __      10   R    SP  __________  7  TRAP SUPERTRACS LOGON MSG_____
SUCCESSFUL LOGON TO SUPERTRACS__________________________________________________
 __      20   R    SP  __________  7  TRAP SUPERTRACS READY MSG_____
*** SUPERTRACS READY FOR INPUT__________________________________________________
 __      30   C    __  __________  0  SEND REQUEST TO SUPERT________
$$REQUEST ID=SX999R BATCHID='TEST' MEDIA=BX_____________________________________
 __      35   R    SP  __________  5  RECV REPORT DATA TO FILE______
***  ERROR  *** TRANSMIT FAILED. NO BATCHES FOR TRANSMISSION.___________________
 __      37   C    __  __________  0  REQUEST REPORTS FOR VIEWPOINT_
$$REQUEST ID=SX999V BATCHID='TEST' MEDIA=BX_____________________________________
 __      38   R    IA  COMNETFIL_  5  RECV REPORTS FOR VIEWPOINT____
***  ERROR  *** TRANSMIT FAILED. NO BATCHES FOR TRANSMISSION.___________________
 __      40   C    __  __________  0  SEND LOGOFF TO END SESSION____
$$LOGOFF APPLID=APPLIDNAME RMT=LUNAME___________________________________________
```

Action

Add Seq No's 37 and 38 into your RR session exactly as indicated above, replacing SX999V and batch ID with your additional mailslot.

System Response

- Seq No 37 requests your 020 (optional) and 060 reports from your additional mailslot.
- Seq No 38 receives your 020 (optional) and 060 reports into a file called COMNETFIL.

Note

If you are receiving reports for version D0001, specify file name COMNETFILA instead of COMNETFIL.

(Continued on next page)

COMMERCE:Network Sample Script—SR Session (SNA)

```
EDIX403                 Communication Session Control            EDI     03/01/06
 CTL01                                                                   12:00:00
 Comm Profile ID. . . . . . . . . .  CN3SNA
 Session Name . . . . . . . . . . .  SR
 Company. . . . . . . . . . . . . .  COMMERCE:NETWORK RELEASE 3 SNA
 Type option, press Enter.
   3=Copy  4=Delete  7=Copy Seq#  11=Extended Parms

 Opt Seq No Tran File File Name  Ind Description
 __      10    R    SP __________  7  TRAP SUPERTRACS LOGON MSG_____
SUCCESSFUL LOGON TO SUPERTRACS__________________________________________________
 __      20    R    SP __________  7  TRAP SUPERTRACS READY MSG_____
*** SUPERTRACS READY FOR INPUT__________________________________________________
 __      30    C    __ __________  0  SEND ADD RECORD_______________
$$ADD ID=SX999D BATCHID='TEST'__________________________________________________
 __      40    S    OQ __________  3  SEND DATA FROM OUTBOUND QUEUE_
________________________________________________________________________________
 __      50    R    SP __________  7  TRAP SUPERTRACS READY MSG_____
*** SUPERTRACS READY FOR INPUT__________________________________________________
 __      60    C    __ __________  3  SEND REQUEST FOR DATA_________
$$REQUEST ID=SX999D BATCHID='TEST' MEDIA=BX_____________________________________
 __      70    R    IQ __________  5  RECV DATA TO INBOUND QUEUE____
***  ERROR  *** TRANSMIT FAILED. NO BATCHES FOR TRANSMISSION____________________
 __      80    C    __ __________  0  SEND REQUEST FOR REPORT DATA__
$$REQUEST ID=SX999R BATCHID='TEST' MEDIA=BX_____________________________________
 __      90    R    SP __________  5  RECV REPORT DATA TO FILE______
***  ERROR  *** TRANSMIT FAILED. NO BATCHES FOR TRANSMISSION.___________________
 __      95    C    __ __________  0  REQUEST REPORTS FOR VIEWPOINT_
$$REQUEST ID=SX999V BATCHID='TEST' MEDIA=BX_____________________________________
 __      97    R    IA COMNETFIL_  5  RECV REPORTS FOR VIEWPOINT____
***  ERROR  *** TRANSMIT FAILED. NO BATCHES FOR TRANSMISSION.
 __     100    C    __ __________  0  SEND NETWORK LOGOFF CMD_______
```

Action

Add Seq No’s 95 and 97 into your SR session exactly as indicated above, replacing SX999V and batch ID with your additional mailslot.

System Response

- Seq No 95 requests your 020 (optional) and 060 reports from your additional mailslot.
- Seq No 97 receives your 020 (optional) and 060 reports into a file called COMNETFIL.

Note

If you are receiving reports for version D0001, specify file name COMNETFILA instead of COMNETFIL.

(Continued on next page)

COMMERCE:Network Sample Script—ST Session (SNA)

```
EDIX403                Communication Session Control           EDI     03/01/06
 CTL01                                                                 12:00:00
 Comm Profile ID. . . . . . . . . .  CN3SNA
 Session Name . . . . . . . . . . .  ST
 Company. . . . . . . . . . . . . .  COMMERCE:NETWORK RELEASE 3 SNA
 Type option, press Enter.
   3=Copy  4=Delete  7=Copy Seq#  11=Extended Parms

 Opt Seq No Tran File File Name  Ind Description
 __      10   R    SP  __________  7  TRAP SUPERTRACS LOGON MSG_____
SUCCESSFUL LOGON TO SUPERTRACS__________________________________________________
 __      20   R    SP  __________  7  TRAP SUPERTRACS READY MSG_____
*** SUPERTRACS READY FOR INPUT__________________________________________________
 __      30   C    __  __________  0  SEND ADD RECORD_______________
$$ADD ID=SX999D BATCHID='TEST'__________________________________________________
 __      40   C    __  __________  3  SEND REQUEST FOR (060) REPORT_
??STAT ID=SX999D RPASS='TEST' DEST=SX999V DPASS='TEST' OPT=S TYPE=D_____________
 __      50   C    __  __________  0  SEND LOGOFF TO END SESSION____
$$LOGOFF APPLID=APPLIDNAME RMT=LUNAME___________________________________________
```

Action

You must add this ST script to request your 060 report.

Notes

- The ??STAT command is used to identify the mailslot on which you want processing activity. The DEST parameter is used to identify where you want the 060 report to be loaded — in this case, your additional mailslot.
- You can request the 060 report as often as necessary. Each time you request this report, the network provides processing activity for the previous 24 hours, less 10 minutes (the time required to compile the report).

Action

After running the ST session, you must run one of the sessions you have just modified that receives the reports to the COMNETFIL or COMNETFILA file.

(Continued on next page)

Advantis Network

The audit trail you will receive from the Advantis Network will supply information for all network tracking points.

Advantis Sample Script—SR Session (BSC)

```
EDIX403               Communication Session Control           EDI      03/01/06
 CTL01                                                                 12:00:00
 Comm Profile ID. . . . . . . . . .  ADVBSC
 Session Name . . . . . . . . . . .  SR
 Company. . . . . . . . . . . . . .  ADVANTIS BSC
 Type option, press Enter.
   3=Copy  4=Delete  7=Copy Seq#  11=Extended Parms

 Opt Seq No Tran File File Name  Ind Description
 __       5   C    __  __________  2  SEND EXCHANGE I.D.____________
RJE2_____________________________________________________________________________
 __      10   R    SP  __________  7  RECV IBM INFO NETWORK LOGO____
_________________________________________________________________________________
 __      15   C    __  __________  2  SEND IBM LOGON________________
/*L ACCT,USRID,PSWD/*S EDIRECT/*U BSCEDI_________________________________________
 __      20   R    SP  __________  7  RECV WELCOME MESSAGE__________
_________________________________________________________________________________
 __      25   C    __  __________  2  SEND INFO EXCHANGE LOGON______
IELOGON ACCOUNT(ACCT) USERID(USRID) PASSWORD(PSWD);______________________________
 __      30   R    SP  __________  7  RECV INPUT DATA SET PROMPT____
_________________________________________________________________________________
 __      80   S    OQ  __________  0  SEND X12 DATA TO NETWORK______
_________________________________________________________________________________
 __      90   C    __  __________  0  SEND REQUEST FOR X12 DATA_____
RECEIVE;_________________________________________________________________________
 __      95   C    __  __________  0  SEND REQUEST FOR AUDIT TRAIL__
AUDIT;___________________________________________________________________________
 __      97   C    __  __________  0  SEND RECV REQUEST FOR AUDIT___
RECEIVE CLASS(AUDIT);
 __     100   C    __  __________  2  SEND REQUEST TO RECV OUTPUT___
RECEIVE CLASS(EDILOG);___________________________________________________________
 __     110   R    SP  __________  7  RECV INPUT FILE002 MSG________
_________________________________________________________________________________
 __     120   R    IQ  __________  7  RECV X12 DATA_________________
_________________________________________________________________________________
 __     125   R    IF  IBMNETFIL_  7  RECV AUDIT RECORDS____________
```

Action

Add Seq No's 95, 97, and 125 into your SR session.

(Continued on next page)

Notes

- The AUDIT command is used to ask Advantis to place in your mailbox an audit trail of your sent and received data in prior sessions.
- The RECEIVE CLASS (AUDIT) command is used to tell Advantis that you want to receive the audit trail during this session.

System Response

The audit trail will be received into a file called IBMNETFIL.

(Continued on next page)

Advantis Sample Script—SO Session

```
EDIX403                Communication Session Control            EDI    03/01/06
CTL01                                                                  12:00:00
Comm Profile ID. . . . . . . . . .  ADVBSC
Session Name . . . . . . . . . . .  SO
Company. . . . . . . . . . . . . .  ADVANTIS BSC
Type option, press Enter.
  3=Copy  4=Delete  7=Copy Seq#  11=Extended Parms

Opt Seq No Tran File File Name  Ind Description
__       5   C    __  __________  2  SEND EXCHANGE I.D.____________
RJE2________________________________________________________________________________
__      10   R    SP  __________  7  RECV IBM INFO NETWORK LOGO____
____________________________________________________________________________________
__      15   C    __  __________  2  SEND IBM LOGON________________
/*L ACCT,USRID,PSWD/*S EDIRECT/*U BSCEDI________________________________________
__      20   R    SP  __________  7  RECV WELCOME MESSAGE__________
____________________________________________________________________________________
__      25   C    __  __________  2  SEND INFO EXCHANGE LOGON______
IELOGON ACCOUNT(ACCT) USERID(USRID) PASSWORD(PSWD);_______________________________
__      30   R    SP  __________  7  RECV INPUT DATA SET PROMPT____
____________________________________________________________________________________
__      80   S    OQ  __________  0  SEND X12 DATA_________________

__      85   C    __  __________  0  SEND REQUEST FOR AUDIT TRAIL__
AUDIT;______________________________________________________________________________
__      87   C    __  __________  0  SEND RECV REQUEST FOR AUDIT___
RECEIVE CLASS(AUDIT);
__      90   C    __  __________  2  SEND REQUEST TO RECV OUTPUT___
RECEIVE CLASS(EDILOG);_____________________________________________________________
__     100   R    SP  __________  7  RECV INPUT FILE002 MSG________

__     105   R    IF  IBMNETFIL_  7  RECV AUDIT RECORDS____________
____________________________________________________________________________________
__     110   R    SP  __________  7  RECV NETWORK SESSION LOG______
```

Action

Add Seq No's 85, 87, and 105 into your SO session.

Notes

- The AUDIT command is used to ask Advantis to place in your mailbox an audit trail of your sent and received data in prior sessions.
- The RECEIVE CLASS (AUDIT) command is used to tell Advantis that you want to receive the audit trail during this session.

System Response

The audit trail will be received into a file called IBMNETFIL.

(Continued on next page)

Advantis Sample Script—RA Session (BSC)

```
 EDIX403              Communication Session Control            EDI    03/01/06
 CTL01                                                                12:00:00
 Comm Profile ID. . . . . . . . . . .  ADV BSC
 Session Name . . . . . . . . . . . .  RA
 Company. . . . . . . . . . . . . . .  ADVANTIS BSC
 Type option, press Enter.
   3=Copy  4=Delete  7=Copy Seq#  11=Extended Parms

 Opt Seq No Tran File File Name  Ind Description
 __       5   C    __  __________  2  SEND EXCHANGE I.D.____________
RJE2________________________________________________________________________
 __      10   R    SP  __________  7  RECV IBM INFO NETWORK LOGO____
____________________________________________________________________________
 __      15   C    __  __________  2  SEND IBM LOGON________________
/*L ACCT,USRID,PSWD/*S EDIRECT/*U BSCEDI____________________________________
 __      20   R    SP  __________  7  RECV WELCOME MESSAGE__________
____________________________________________________________________________
 __      25   C    __  __________  2  SEND INFO EXCHANGE LOGON______
IELOGON ACCOUNT(ACCT) USERID(USRID) PASSWORD(PSWD);_________________________
 __      27   R    SP  __________  7  RECV INPUT DATA SET PROMPT____
____________________________________________________________________________
 __      28   C    __  __________  0  SEND RECV REQUEST FOR ERR MSGS
RECEIVE CLASS(SYSMSG);______________________________________________________
 __      30   C    __  __________  0  SEND REQUEST FOR X12 DATA_____
RECEIVE;
 __      33   C    __  __________  0  SEND REQUEST FOR AUDIT________
RECEIVE CLASS(AUDIT);
 __      35   C    __  __________  2  SEND REQUEST TO RECV OUTPUT___
RECEIVE CLASS(EDILOG);______________________________________________________
 __      40   R    SP  __________  7  RECV INPUT FILE002 MSG________
____________________________________________________________________________
 __      43   R    SP  __________  7  RECV SYSTEM ERR MSGS__________
____________________________________________________________________________
 __      45   R    IQ  __________  7  RECV X12 DATA_________________
____________________________________________________________________________
 __      47   R    IF  IBMNETFIL_  7  RECV AUDIT RECORDS____________
____________________________________________________________________________
 __      50   R    SP  __________  7  RECV NETWORK SESSION LOG______
____________________________________________________________________________
```

Action
Add Seq No's 33 and 47 into your RA session.

Notes
The RECEIVE CLASS (AUDIT) command is used to tell Advantis that you want to receive the audit trail during this session.

System Response
The audit trail will be received into a file called IBMNETFIL.

(Continued on next page)

Advantis Sample Script—SR Session (SNA)

```
 EDIX403                Communication Session Control          EDI    03/01/06
 CTL01                                                                12:00:00
 Comm Profile ID. . . . . . . . . .  ADVLU0
 Session Name . . . . . . . . . . .  SR
 Company. . . . . . . . . . . . . .  ADVANTIS SDLC
 Type option, press Enter.
   3=Copy  4=Delete  7=Copy Seq#  11=Extended Parms

 Opt Seq No Tran File File Name  Ind Description
 __      10   C    __            2  SEND IBM LOGON________________
/*L ACCT,USRID,PSWD/*S EDIRECTS/*U SNAEDI___________________________________
 __      20   D    __            5  RECV & DROP WELCOME MESSAGE___
WELCOME TO IBM IN EXPEDITE/DIRECT_________________________________________
 __      25   R    SP ___________ 7  TRAP FOR CHANGE DIRECTION_____
________________________________________________________________________________
 __      40   C    __ ___________ 2  SEND INFO EXCHANGE LOGON______
IELOGON ACCOUNT(ACCT) USERID(USRID) PASSWORD(PSWD);________________________
 __      50   D    __ ___________ 7  RECV &DROP DATA SET 1 PROMPT__
ANOTHER INTENTIONAL NO MATCH CONDITION TO SUPRESS PROMPT MESSAGES FROM__________
 __      70   S    OQ ___________ 2  SEND X12 DATA_________________
________________________________________________________________________________
 __      90   D    __ ___________ 7  RECV & DROP DATA SET 2 PROMPT_
SET A NO MATCH MESSAGE TO RECV TILL CHANGE DIRECTION, AND DROP PROMPT MESSAGES__
 __      93   C    __ ___________ 0  SEND REQUEST FOR AUDIT TRAIL__
AUDIT;__________________________________________________________________________
 __      96   C    __ ___________ 2  SEND RECV REQUEST FOR AUDIT___
RECEIVE CLASS(AUDIT);___________________________________________________________
 __      97   D    __ ___________ 7  RECV &DROP DATA SET 3 PROMPT__
EXPEDITE/DIRECT RECEIVE INPUT DATA SET 0003_____________________________________
 __      98   R    IF  IBMNETFIL_ 7  RECV AUDIT RECORDS____________
 
        100   C                  2  SEND REQUEST TO RECV X12 DATA
RECEIVE CLASS('#E?') DLM(BLANKS);_______________________________________________
 __     110   D    __ ___________ 7  RECV & DROP DATA SET 4 PROMPT_
EXPEDITE/DIRECT RECEIVE INPUT DATA SET 0004_____________________________________
 __     120   R    IQ ___________ 7  RECV X12 DATA TO INQUE________
________________________________________________________________________________
 __     130   C    __ ___________ 2  SEND REQUEST FOR SYS MESSAGES_
RECEIVE CLASS(SYSMSG);__________________________________________________________
 __     140   D    __ ___________ 7  RECV & DROP DATA SET 5 PROMPT_
EXPEDITE/DIRECT RECEIVE INPUT DATA SET 0005_____________________________________
 __     150   R    SP ___________ 7  RECV SYSTEM MESSAGES IF AVAIL_
________________________________________________________________________________
 __     180   C    __ ___________ 2  SEND REQUEST FOR EDI REPORT___
RECEIVE CLASS(EDILOG);__________________________________________________________
 __     190   D    __ ___________ 7  RECV & DROP DATA SET 6 PROMPT_
EXPEDITE/DIRECT RECEIVE INPUT DATA SET 0006_____________________________________
```

Action

- Add Seq No's 93, 96, 97, and 98 into your SR session.
- Modify Seq No 100 as shown above to clarify that you only want EDI-formatted data.

(Continued on next page)

Notes

- The AUDIT command is used to ask Advantis to place in your mailbox an audit trail of your sent and received data in prior sessions.
- The RECEIVE CLASS (AUDIT) command is used to tell Advantis that you want to receive the audit trail during this session.

System Response

The audit trail will be received into a file called IBMNETFIL.

Advantis Sample Script—SO Session (SNA)

```
EDIX403                 Communication Session Control              EDI      03/01/06
 CTL01                                                                      12:00:00
 Comm Profile ID. . . . . . . . . .  ADVLU0
 Session Name . . . . . . . . . . .  SO
 Company. . . . . . . . . . . . . .  ADVANTIS SDLC
 Type option, press Enter.
   3=Copy  4=Delete  7=Copy Seq#  11=Extended Parms

 Opt Seq No Tran File File Name  Ind Description
 __      20   C    __  __________  2  SEND IBM LOGON________________
/*L ACCT,USRID,PSWD/*S EDIRECTS/*U SNAEDI___________________________________
 __      30   D    __  __________  5  RECV & DROP WELCOME MESSAGE___
WELCOME TO IBM IN EXPEDITE/DIRECT___________________________________________
 __      40   R    SP  __________  7  TRAP FOR CHANGE DIRECTION_____
____________________________________________________________________________
 __      50   C    __  __________  2  SEND INFO EXCHANGE LOGON______
IELOGON ACCOUNT(ACCT) USERID(USRID) PASSWORD(PSWD);________________________
 __      70   D    __  __________  7  RECV & DROP DATA SET 1 PROMPT_
READ AND TRASH ALL RECS UNTIL INDIC 7 IS SET ON (CHANGE DIRECTION RECVD)._______
 __      90   S    OQ  __________  2  SEND X12 DATA TO NETWORK______
____________________________________________________________________________
 __     120   D    __  __________  7  RECV & DROP DATA SET 2 PROMPT_
RECV AND TRASH DATA TILL CHANGE DIRECTION IS RECVD__________________________
 __     122   C    __  __________  0  SEND REQUEST FOR AUDIT TRAIL__
AUDIT;______________________________________________________________________
 __     124   C    __  __________  2  SEND RECV REQUEST FOR AUDIT___
RECEIVE CLASS(AUDIT);_______________________________________________________
 __     126   D    __  __________  7  RECV & DROP DATA SET 3 PROMPT_
EXPEDITE/DIRECT RECEIVE INPUT DATA SET 0003_________________________________
 __     128   R    IF  IBMNETFIL_  7  RECV AUDIT RECORDS____________
 __     130   C    __  __________  2  SEND REQUEST TO RECV OUTPUT___
RECEIVE CLASS(EDILOG);______________________________________________________
 __     140   D    __  __________  7  RECV & DROP DATA SET 4 PROMPT_
EXPEDITE/DIRECT RECEIVE INPUT DATA SET 0004_________________________________
 __     150   R    SP  __________  7  RECV NETWORK SESSION LOG______
```

Action

Add Seq No's 122, 124, 126, and 128 into your SO session.

Notes

- The AUDIT command is used to ask Advantis to place in your mailbox an audit trail of your sent and received data in prior sessions.
- The RECEIVE CLASS (AUDIT) command is used to tell Advantis that you want to receive the audit trail during this session.

System Response

The audit trail will be received into a file called IBMNETFIL.

(Continued on next page)

Advantis Sample Script—RA Session (SNA)

```
 EDIX403                Communication Session Control            EDI     03/01/06
 CTL01                                                                   12:00:00
 Comm Profile ID. . . . . . . . . .  ADVLU0
 Session Name . . . . . . . . . . .  RA
 Company. . . . . . . . . . . . . .  ADVANTIS SDLC
 Type option, press Enter.
   3=Copy  4=Delete  7=Copy Seq#  11=Extended Parms

 Opt Seq No Tran File File Name  Ind Description
 __      10   C    __  __________  2  SEND IBM LOGON________________
/*L ACCT,USRID,PSWD/*S EDIRECTS/*U SNAEDI___________________________________
 __      20   D    __  __________  5  RECV & DROP WELCOME MESSAGE___
WELCOME TO IBM IN EXPEDITE/DIRECT___________________________________________
 __      30   R    SP  __________  7  TRAP FOR CHANGE DIRECTION_____
____________________________________________________________________________
 __      50   C    __  __________  2  SEND INFO EXCHANGE LOGON______
IELOGON ACCOUNT(ACCT) USERID(USRID) PASSWORD(PSWD);_______________________
 __      60   D    __  __________  7  RECV & DROP DATA SET 1 PROMPT_
TRAP & DROP ALL DATA TILL CHANGE DIRECTION IS RECEIVED______________________
 __      70   C    __  __________  2  SEND RECV REQUEST FOR ERR MSGS
RECEIVE CLASS(SYSMSG);______________________________________________________
 __      90   D    __  __________  7  RECV & DROP DATA SET 2 PROMPT_
EXPEDITE/DIRECT RECEIVE INPUT DATA SET 0002_________________________________
 __      95   R    SP  __________  7  RECV IBM SYS MSGS IF AVAILABLE
____________________________________________________________________________
 __      97   C    __  __________  2  SEND RECV REQUEST FOR AUDIT___
RECEIVE CLASS(AUDIT);_______________________________________________________
 __      98   D    __  __________  7  RECV &DROP DATA SET 3 PROMPT__
EXPEDITE/DIRECT RECEIVE INPUT DATA SET 0003_________________________________
 __      99   R    IF  IBMNETFIL_  7  RECV AUDIT RECORDS____________
____________________________________________________________________________
 __     100   C    __  __________  2  SEND REQUEST FOR X12 DATA_____
RECEIVE CLASS('#E?') DLM(BLANKS);___________________________________________
 __     110   D    __  __________  7  RECV & DROP DATA SET 4 PROMPT_
EXPEDITE/DIRECT RECEIVE INPUT DATA SET 0004_________________________________
 __     120   R    IQ  __________  7  RECV X12 DATA TO INQUE________
____________________________________________________________________________
 __     130   C    __  __________  2  SEND REQUEST FOR SESSION LOG__
RECEIVE CLASS(EDILOG);______________________________________________________
 __     150   D    __  __________  7  RECV &DROP DATA SET 5 PROMPT__
EXPEDITE/DIRECT RECEIVE INPUT DATA SET 0005_________________________________
```

Action

- Add Seq No's 97, 98, and 99 into your RA session.
- Modify Seq No 100 as shown above to clarify that you only want EDI-formatted data.

(Continued on next page)

Notes

- The AUDIT command is used to ask Advantis to place in your mailbox an audit trail of your sent and received data in prior sessions.
- The RECEIVE CLASS (AUDIT) command is used to tell Advantis that you want to receive the audit trail during this session.

System Response

The audit trail will be received into a file called IBMNETFIL.

GEIS Network

Gentran:Viewpoint uses the following reports from the GEIS Network:

- **EDXSSTA**—Sender Status Report (supplies information for the “Network Received,” “Network Processed,” and “Partner Picked-Up” tracking points)
- **EDXURET**—Sender Unretrieved Report (supplies information for the “Network Received,” “Network Processed,” and “Partner Picked-Up” tracking points)

Gentran:Viewpoint supports both Version 1.0 and 2.0 of the GEIS Network reports.

GEIS Sample Script—RA Session (BSC)

```
EDIX403                Communication Session Control            EDI      03/01/06
 CTL01                                                                   12:00:00
 Comm Profile ID. . . . . . . . . .  GEIS
 Session Name . . . . . . . . . . .  RA
 Company. . . . . . . . . . . . . .  GENERAL ELECTRIC INFO SYSTEMS
 Type option, press Enter.
   3=Copy  4=Delete  7=Copy Seq#  11=Extended Parms

 Opt Seq No Tran File File Name  Ind Description
 __       5   C    __  __________  0  SEND USER ID & PASSWORD_______
IDX,PASSW,MAILA_________________________________________________________________
 __      10   C    __  __________  0  SEND MAILBOX/PUNCH RECORD_____
*LTID MAILBOXA,CPUNCH___________________________________________________________
 __      15   C    __  __________  0  SEND MODE INPUT RECORD________
*MODE INPUT(OUTPUT(HISTIDXA),LIST),WAIT,TAB(HSSTABLE)___________________________
 __      37   C    __  __________  0  SEND RECEIVE REQUEST__________
/EDXRCV_________________________________________________________________________
 __      38   C    __  __________  0  SND REQUEST FOR SNDR STAT RPT_
/EDXSSTA EF_____________________________________________________________________
 __      39   C    __  __________  0  SEND REQUEST TO PRINT REPORT__
PRINT RSSTAIDX;MAILBOXA;NONE____________________________________________________
 __      40   C    __  __________  0  SND REQUEST FOR SNDR UNRTV RPT
/EDXURET EF_____________________________________________________________________
 __      41   C    __  __________  0  SEND REQUEST TO PRINT REPORT__
PRINT RURETIDX;MAILBOXA;NONE____________________________________________________
 __      45   C    __  __________  2  SEND END OF SESSION RECORD____
*EOS
 __      50   R    IF  GEISNETFIL  9  RECV REPORTS AND DATA____
________________________________________________________________________________
```

Action

- Add Seq No’s 38, 39, 40, and 41 into your RA session.
- Modify Seq No 50 to receive the reports into file GEISNETFIL and change file type to IF.

(Continued on next page)

Notes

- Seq No 38 requests your Sender Status report (electronic format).
- Seq No 39 is used to tell GEIS that you want to receive the Sender Status report during this session.
- Seq No 40 requests your Sender Unretrieved report (electronic format).
- Seq No 41 is used to tell GEIS that you want to receive the Sender Unretrieved report during this session.

GEIS Sample Script—SR Session (BSC)

```
EDIX403                Communication Session Control            EDI     03/01/06
 CTL01                                                                  12:00:00
 Comm Profile ID. . . . . . . . . .  GEIS
 Session Name . . . . . . . . . . .  SR
 Company. . . . . . . . . . . . . .  GENERAL ELECTRIC INFO SYSTEMS
 Type option, press Enter.
   3=Copy  4=Delete  7=Copy Seq#  11=Extended Parms

 Opt Seq No Tran File File Name  Ind Description
 __       5   C    __  __________  0  SEND USER ID & PASSWORD_______
IDX,PASSW,MAILA_________________________________________________________________
 __      10   C    __  __________  0  SEND MAILBOX/PUNCH RECORD_____
*LTID MAILBOXA,CPUNCH___________________________________________________________
 __      15   C    __  __________  0  SEND MODE INPUT RECORD________
*MODE INPUT(OUTPUT(HISTIDXA),LIST),WAIT,TAB(HSSTABLE)___________________________
 __      20   C    __  __________  0  SEND START OF DATA RECORD_____
*DATA DOCSIDX(PURE,ASCII)_______________________________________________________
 __      25   S    OQ  __________  0  SEND X12 DATA_________________
________________________________________________________________________________
 __      30   C    __  __________  0  SEND EOF RECORD_______________
*EOF____________________________________________________________________________
 __      35   C    __  __________  0  SEND SEND-TO-MAILBOX COMMAND__
/EDXSND DOCSIDX_________________________________________________________________
 __      37   C    __  __________  0  SEND RECEIVE REQUEST__________
/EDXRCV_________________________________________________________________________
 __      38   C    __  __________  0  SND REQUEST FOR SNDR STAT RPT_
/EDXSSTA EF_____________________________________________________________________
 __      39   C    __  __________  0  SEND REQUEST TO PRINT REPORT__
PRINT RSSTAIDX;MAILBOXA;NONE____________________________________________________
 __      40   C    __  __________  0  SND REQUEST FOR SNDR UNRTV RPT
/EDXURET EF_____________________________________________________________________
 __      41   C    __  __________  0  SEND REQUEST TO PRINT REPORT__
PRINT RURETIDX;MAILBOXA;NONE____________________________________________________
 __      45   C    __  __________  2  SEND END OF SESSION RECORD____
*EOS____________________________________________________________________________
__        50   R    IF  GEISNETFIL  8  RECV TTY RPT FOR VIEWPOINT____
________________________________________________________________________________
```

Action

- Add Seq No's 38, 39, 40, and 41 into your SR session.
- Modify Seq No 50 to receive the reports into file GEISNETFIL and change file type to IF.

Notes

- Seq No 38 requests your Sender Status report (electronic format).
- Seq No 39 is used to tell GEIS that you want to receive the Sender Status report during this session.
- Seq No 40 requests your Sender Unretrieved report (electronic format).
- Seq No 41 is used to tell GEIS that you want to receive the Sender Unretrieved report during this session.

GEIS Sample Script—RV Session (BSC)

```
EDIX403                 Communication Session Control            EDI      03/01/06
 CTL01                                                                    12:00:00
 Comm Profile ID. . . . . . . . . .  GEIS
 Session Name . . . . . . . . . . .  RV
 Company. . . . . . . . . . . . . .  GENERAL ELECTRIC INFO SYSTEMS
 Type option, press Enter.
   3=Copy  4=Delete  7=Copy Seq#  11=Extended Parms

 Opt Seq No Tran File File Name  Ind Description
 __       5   C    __  __________  0  SEND USER ID & PASSWORD_______
IDX,PASSW,MAILA_________________________________________________________________
 __      10   C    __  __________  0  SEND MAILBOX/PUNCH RECORD_____
*LTID MAILBOXA,CPUNCH___________________________________________________________
 __      20   C    __  __________  0  SEND MODE INPUT RECORD________
*MODE INPUT(OUTPUT(HISTIDX),LIST),WAIT,TAB(HSSTABLE)____________________________
 __      30   C    __  __________  0  SND REQUEST FOR SNDR STAT RPT_
/EDXSSTA EF_____________________________________________________________________
 __      40   C    __  __________  0  SEND REQUEST TO PRINT REPORT__
PRINT RSSTAIDX;MAILBOXA;NONE____________________________________________________
 __      50   C    __  __________  0  SND REQUEST FOR SNDR UNRTV RPT
/EDXURET EF_____________________________________________________________________
 __      60   C    __  __________  0  SEND REQUEST TO PRINT REPORT__
PRINT RURETIDX;MAILBOXA;NONE____________________________________________________
 __      70   C    __  __________  2  SEND END OF SESSION RECORD____
*EOS____________________________________________________________________________
 __      80   R    IF  GEISNETFIL  8  RECV REPORTS FOR VIEWPOINT____
```

Action

Add this script to receive only the Sender Status and Sender Unretrieved reports.

Note

Gentran:Viewpoint needs to receive these reports in a separate session from other GEIS reports because all reports are received to file GEISNETFIL, which is cleared after Gentran:Viewpoint is updated.

System Response

- Seq No 30 requests your Sender Status report (electronic format).
- Seq No 40 is used to tell GEIS that you want to receive the Sender Status report during this session.
- Seq No 50 requests your Sender Unretrieved report (electronic format).
- Seq No 60 is used to tell GEIS that you want to receive the Sender Unretrieved report during this session.
- Seq No 80 is used to receive the reports into file GEISNETFIL.

Enter a Network Report ID

Overview

The next step in setting up the Network Report Interface is to enter the Network Report ID, and the communications profile(s) and session name(s) to be used for each network.

Reports from the networks are used to update Gentran:Viewpoint with a record that indicates the status of a specific document that was sent to the network.

Different programs (one for each network) are used to interpret the reports received from each network. Each network has its own format. The Network Report ID interface enables you to tell Gentran:Viewpoint which communications profiles and sessions are used to communicate with each network so that the correct program is used.

Procedure

Use this procedure to enter a network report ID.

Step	Action
1	On the Work with Viewpoint panel (EDIX800-FMT01), type **13** (Network Rpt IDs) in the Option field on the key entry line and press **Enter**. **System Response** The Network Report ID panel (EDIX814-FMT00) displays.

```
EDIX814                  Network Report ID Interface              EDI 03/01/06
FMT00                                                                 12:00:00

Network ID . . . . . . . . . . . .  COMMERCE






F1=Help  F3=Exit  F4=Prompt  F12=Cancel  F24=More Keys
```

(Continued on next page)

<table>
<tr><th>(Contd) Step</th><th>Action</th></tr>
<tr><td>2</td><td>Type the network ID to be used and press Enter. In the previous diagram, COMMERCE (Sterling Software’s COMMERCE:Network) has been entered as an example.

Note
Use F4 (Prompt) to select from a list of available networks.

System Response
The Network Report ID panel (EDIX814-CTL01) displays.
<pre>
EDIX814   Network Report ID Interface   EDI 03/01/06
CTL01   12:00:00

Network ID . . . .   COMMERCE

Type option, press Enter.
  4=Delete
          Comm   Session
Opt   Profile Name
__   ONET3___ RA
__   ONET3___ SR
__   ________ __
__   ________ __
__   ________ __
__   ________ __
__   ________ __
__   ________ __

                                                                      More...
F1=Help F10=Update F12=Cancel F24=More Keys
</pre>
In this diagram, two communications profiles and their associated session names have been entered as examples.

Note
Use F4 (Prompt) to select from a list of available communications profiles</td></tr>
<tr><td>3</td><td>Type the communications profile(s) and session name(s) you have modified to retrieve and process reports from the network, and press F10 (Update) to add the values and return to the previous panel.</td></tr>
<tr><td>4</td><td>Press F3 (Exit) or F12 (Cancel) to return to the Work with Viewpoint panel (EDIX800-FMT01).</td></tr>
</table>

Set Up for the INS Network

Overview

If you use the INS-Tradanet network, and want to use it as a Gentran:Viewpoint tracking point, you must set up your Gentran:Server Partner file to route incoming ICLANA transactions to a separate split file. (If you already have these transactions set up to go to a separate split file for INS acknowledgments, you still need to set up another split file where they will be copied for Gentran:Viewpoint to use.)

Once the split file is set up, it must be identified to Gentran:Server before inbound processing takes place.

Procedure

Use this procedure to set up for the INS network and process acknowledgments.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>Prompt the PRCTRNIN command.</td></tr>
<tr><td>2</td><td>On the first page of the Process Transactions Inbound (PRCTRNIN) panel, press F10 (Additional Parameters).</td></tr>
<tr><td>3</td><td>Press Page Down to access the Viewpoint INS report parameters in the additional parameters, which are illustrated in the following diagram.

```
                     Process Transactions Inbound (PRCTRNIN)

 Type choices, press Enter.

 INS Acknowledgments:
   Command Set  . . . . . . . . .   0              0-2
   Split File . . . . . . . . . .   00000          00000-00080, SLIDE
   Sub-Split File . . . . . . . .   00             00-80
   Override Partner Xref Qual . .   *NO            *YES, *NO
   Qualifier Value  . . . . . . .   _____          Character value
 Viewpoint INS Reports:
   Command Set  . . . . . . . . .   0              0-2
   Split File . . . . . . . . . .   00000          00000-00080, SLIDE
   Sub-Split File . . . . . . . .   00             00-80

                                                                    Bottom
 F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
 F24=More keys
```

(Continued on next page)</td></tr>
</table>

(Contd) Step	Action
4	Type the command set and split file number in the Gentran:Viewpoint INS Reports section of the panel. Press **Page Up** to return to the first panel, then proceed with inbound processing.

Reference

- See the Processing chapter in the *Gentran:Server for iSeries Technical Reference Guide* for more information on running inbound processing.
- See the Job Scheduler chapter in the *Gentran:Server for iSeries Technical Reference Guide* for more information on scheduling jobs.

Enter a Network Account ID

Procedure

Use this procedure to enter a network account ID.

Important
If you use the European IBM value-added network, you must enter your IBM Network Account ID(s) to enable Gentran:Viewpoint to process the network's audit report correctly.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>On the Work with Viewpoint panel (EDIX800-FMT01), type 16 (Network Acct IDs) in the Option field on the key entry line and press Enter.

System Response
The Network Account IDs panel (EDIX813-FMT00) displays.
<pre>
EDIX813   Network Account IDs   EDI 03/01/06
FMT00   12:00:00

Network ID . . . . IBM

F1=Help F3=Exit F4=Prompt F12=Cancel F24=More Keys
</pre>
(Continued on next page)</td></tr>
</table>

<table>
<tr><th>(Contd) Step</th><th>Action</th></tr>
<tr><td>2</td><td>Type IBM to indicate that you are using the IBM network and press Enter.

System Response
The Network Account IDs panel (EDIX813-CTL01) displays.
<pre>
EDIX813   Network Account IDs   EDI 03/01/06
CTL01   12:00:00

Network ID . . . . IBM

Type option, press Enter.
  4=Delete

Opt Account ID
__ 123456789_______________
__ ________________________
__ ________________________
__ ________________________
__ ________________________
__ ________________________
__ ________________________
__ ________________________
__ ________________________
__ ________________________

                                                                     More...
F1=Help F10=Update F12=Cancel F24=More Keys
</pre></td></tr>
<tr><td>3</td><td>Enter your account ID(s) provided by the network and press F10 (Update) to add the account ID(s) and return to the previous panel.

Press F3 (Exit) to return to the Work with Viewpoint panel (EDIX800-FMT01).</td></tr>
</table>

Summary

Once you have made the required changes to your communications scripts and entered the network report ID in Gentran:Viewpoint, your business documents will be tracked through the network.

An example of the Document History panel (EDIX804-CTL01) that shows the three network tracking points for a document is illustrated in the following diagram.

```
EDIX804                      Document History                  DSH 03.07.01
 CTL01                                                              14:36:34
                                                            Sts. .  A
 Document Name. . . . . .  OUTBOUND INVOICES        Send or Receive.  S
 Partner ID . . . . . . .  C13579                           Qual .
 Invoice Num               0902000001
 Invoice Date              940902
 Ship To                   INTERNATIONAL PARTS & SVC
 PO Num                    0807000001
 Total Quantity                   905.00
 Total Invoice Amt               7329.88
 Type option, press Enter.
   11=Error Messages  12=EDI Data
 Opt Tracking Point        Status  Date        Time
     Partner Picked-up     Normal  08.21.04     9:30:05
     Network Processed     Normal  08.20.04    22:10:01
     Network Received      Normal  08.20.04    20:05:00
     Transmitted           Normal  08.20.04    18:30:05
     Outbound Editor       Normal  08.20.04    14:49:01
     Outbound Mapper       Normal  08.20.04    14:48:48


                                                                      Bottom
 F1=Help  F3=Exit  F12=Cancel  F16=Prev Rcd  F17=Next Rcd
```

Print the Viewpoint Document Definition Report

Overview

Introduction

Gentran:Viewpoint provides you with the ability to print a report containing the document definitions, such as transaction, version, fields tracked with description and attributes.

Select the Print Option

Overview

The Print option can be accessed from the GENVPT menu or the Work with Viewpoint panel (EDIX800-FMT01). The report includes the same information, regardless of the panel it is initiated from.

Procedure

- On the GENVPT menu, type option **8** (PRTVPT) on the command line and press **Enter**, or
- On the Work with Viewpoint panel (EDIX800), type **6** (Print) in the Option field on the key entry line, or beside any entry displayed on the panel, and press **Enter**.
- On the Document Definition panel (EDIX808) or the Document Selection fields panel (EDIX801), press F21 (Prt Vpt).

Note

If specified beside a specific definition, the Print Viewpoint Doc Definition command will be shown with a default value for the definition ID.

Diagram

This diagram illustrates the selection of the Print Viewpoint Doc Definition (PRTVPT) command from the GENVPT menu.

```
 GENVPT                        Gentran:Viewpoint 3.4
                                                          System:   ISDDEV01
Select one of the following:

     1. Work with Viewpoint
     2. Work with Viewpoint Queries
     3. Work with Automatic Notification

     7. Print Automatic Notification Profiles      (PRTAUTO)
     8. Print Viewpoint Doc Definition             (PRTVPT)
     9. Print Viewpoint Query Results              (PRTVPTQRY)
    10. Purge Viewpoint History                    (PRGVPT)
    11. Retrieve Viewpoint History                 (RTVVPT)
    12. Copy Viewpoint Document Definitions        (VPTCPY)

    90. Sign off


Selection or command
===> 8

F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel   F13=User Support
(C) COPYRIGHT Sterling Commerce Inc., 2006, ALL RIGHTS RESERVED.
```

Enter the Print Option

Overview

Gentran:Viewpoint provides several selection options which allow you to selectively print all or some of the tracking definitions.

Procedure

To run the Print Viewpoint Document Definition (PRTVPT) command, type values in the fields listed in the following table as needed.

At this point, you can run the job one of three ways:

- Interactively (specify ***YES** for Run Interactively? and press **Enter**)
- In batch (press **Enter**, since this is the default), or
- Schedule it to run later (press **F10** for additional parameters and specify ***YES** for Schedule Job?, then press **Enter**).

Diagram:

This diagram illustrates the Print Viewpoint Document Definition panel (PRTVPT).

```
                     Print Viewpoint Doc Definition (PRTVPT)

 Type choices, press Enter.

 Document Definition  . . . . . .   *ALL
 Direction  . . . . . . . . . . .   *ALL          *ALL, R, S
 Version  . . . . . . . . . . . .   *ALL          *ALL, Version
 Run Interactively ?  . . . . . .   *NO           *YES, *NO

                            Additional Parameters

 Schedule Job?  . . . . . . . . .   *NO           *YES, *NO

                                                                    Bottom
F9=All parameters   F11=Keywords   F14=Command string   F24=More keys
```

Note
The diagram shows the panel after F9 (All Parameters) is pressed.

Field descriptions

This table describes the fields on the Print Viewpoint Document Definition panel (PRTVPT).

Field	Description
Document Definition	A 25-position alphanumeric field used to enter a specific document definition name to be printed. Type *ALL to print all definitions.
Direction	Type the direction of the document definition: R (receive) for inbound, S (send) for outbound, or *ALL for both. The default is *ALL.
Version	This is a 12-position alphanumeric field used to designate the standard version for which you want to print the tracking document. You can print the tracking document for all versions by typing *ALL in this field.
Run Interactively?	Enables you to perform the process interactively. Type *NO to run in batch or *YES to run interactively.
Additional Parameters	
Schedule Job?	This field is used to designate whether you want to schedule the command to run as a batch job at a later time. The default value is *NO. If the value is *YES, the system displays the Schedule Job panel (SCHJOB), which contains the job run parameters.

Print Viewpoint Query Results

Overview

Introduction

Gentran:Viewpoint provides you with the ability to print the results of a query. The report contains document history, document definition and error messages, if specified. The query results can be printed after running interactively or can be scheduled to run in an automated mode in batch.

Select the Print Option

Overview

The print option can be accessed from the GENVPT menu or from the Work with Document Queries panel (EDIX810-FMT01). The report includes the same information, regardless of the panel it is initiated from.

Procedure

Use this procedure to select the Print Viewpoint Query Results (PRTVPTQRY) option.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>

On the GENVPT menu, type option **9** (PRTVPTQRY) on the command line, and press **Enter**.

```
GENVPT                     Gentran:Viewpoint 3.4
                                                                System:   ISDDEV01
Select one of the following:

     1. Work with Viewpoint
     2. Work with Viewpoint Queries
     3. Work with Automatic Notification

     7. Print Automatic Notification Profiles     (PRTAUTO)
     8. Print Viewpoint Doc Definition            (PRTVPT)
     9. Print Viewpoint Query Results             (PRTVPTQRY)
    10. Purge Viewpoint History                   (PRGVPT)
    11. Retrieve Viewpoint History                (RTVVPT)
    12. Copy Viewpoint Document Definitions       (VPTCPY)

    90. Sign off


Selection or command
===> 9

F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel   F13=User Support
Command canceled by  user.
```

System Response

The Print Viewpoint Query Results panel displays.

Tips

- You can also access the Print Viewpoint Query Results command from the Work with Viewpoint Queries panel (EDIX810) by typing 6 (Print) in the Option field on the key entry line, or beside any entry displayed on the panel, and pressing Enter.
- The report can also be run to print the query results from panel EDIX803 or EDIX812 by pressing **F21** (Print Results).

</td></tr>
</table>

Enter the Print Option

Overview

Gentran:Viewpoint provides several selection options which allow you to selectively print all or some of the query results.

Procedure

To run the Print Viewpoint Query Results (PRTVPTQRY) command, type values in the fields listed in the following Field Descriptions table, as needed.

You can run the job one of three ways:

- Interactively (specify ***YES** for Run Interactively? and press **Enter**)
- In batch (press **Enter**, since this is the default), or
- Schedule it to run later (press **F10** for additional parameters and specify ***YES** for Schedule Job? and press **Enter**).

Diagram

This diagram illustrates the Print Viewpoint Query Results panel (PRTVPTQRY).

```
                    Print Viewpoint Query Results (PRTVPTQRY)

Type choices, press Enter.

Query Definition . . . . . . . .   *ADHOC         Query ID, *ADHOC
Document Name  . . . . . . . . .   *ALL
Partner ID . . . . . . . . . . .   *ALL
Partner Qual . . . . . . . . . .   *ALL           *ALL, qualifier
Direction  . . . . . . . . . . .   *ALL           *ALL, R, S
Print Document Definition? . . .   *YES           *YES, *NO
Run Interactively? . . . . . . .   *NO            *YES, *NO

                            Additional Parameters

Exception Errors?  . . . . . . .   *NO            *YES, *NO
From Date  . . . . . . . . . . .   *BEGIN         *BEGIN, *CURRENT, Date
To Date  . . . . . . . . . . . .   *END           *END, *CURRENT, Date
Schedule Job?  . . . . . . . . .   *NO            *YES, *NO


                                                                     Bottom
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Note

The diagram shows the panel after F10 (Additional Parameters) is pressed. Note that the Query Definition field is at default, *ADHOC, so report EBDI834A will be printed. If a query ID is entered, report EBDI834P will be produced instead.

Field descriptions

This table describes the fields on the Print Viewpoint Query Results panel (PRTVPTQRY).

Field	Description
Query Definition	A 10-position alphanumeric field used to enter a user-defined identification for a query to be printed (EBDI834P) or *ADHOC for ad hoc queries (EBDI834A).
Document Name	A 25-position alphanumeric field used to specify the document definition for which you want to print. Type *ALL to include all documents.
Partner ID	A 30-position alphanumeric field used to enter a specific partner ID as print criteria. The default is *ALL, unless the Print option is used beside a specific entry. If *ALL is specified, all partners are included in the report.
Partner Qual	This is a 4-position alphanumeric field used to enter a specific partner Qualifier as print criteria.
Direction	Type the direction of the document definition. R for outbound, S for outbound, or *ALL for both.
Print Document Definition	Type *NO if you do not wish the document definition to be printed. The default is *YES.
Run Interactively?	This parameter enables you to perform the process interactively or run in batch. Leave default *NO to run in batch. (Continued on next page)

(Contd) Field	Description
Additional Parameters	
Exception Errors	If left at the default of N, any documents that match all criteria specified on this panel display. If changed to Y, only the following types of documents are included in the results: • Documents that have a tracking point with an error status resulting from an error entered on the Exception Error Selection (EDIX802-CTL01) panel • Documents that were rejected during processing (Reject status), and • Documents with a communications status of Abnormal.
From Date	This parameter allows you to select query records with a processing date that falls within the from/to date range. Valid values for this field are: • *BEGIN—Specify *BEGIN (for the From date) and *END (for the To date) if you want to print all records. • *CURRENT—Prints records that were processed for today. • Date—Type the date of the oldest document to be printed, using the date format specified by the SCDTFMT field in the Gentran System Configuration (SYSCFG) file. Use the SETGENFMT command on the GENSYSCFG menu to determine the current date format setting. (Continued on next page)

(Contd) Field	Description
To Date	This parameter enables you to select query records with processing date that falls within the From/To date range. Valid values for this field are: • *END—Specify *BEGIN (for the from date) and *END (for the to date) if you want to print all records. • *CURRENT—Prints records that were processed for today. • Date—Type the date of the most current document to be printed, using the date format specified by the SCDTFMT field in the Gentran System Configuration (SYSCFG) file. Use the SETGENFMT command on the GENSYSCFG menu to determine the current date format setting.
Schedule Job?	This field is used to designate whether you want to schedule the command to run as a batch job at a later time. The default value is *NO. If the value is *YES, the system displays the Schedule Job panel (SCHJOB), which contains the job run parameters.

Purge Gentran:Viewpoint Data

Overview

Introduction

After you have been tracking data for a while, you will want to start purging some of your older and outdated information.

Recommendation
We recommend setting up a schedule for purging data. Decide when data for each document definition becomes obsolete, and purge the data on a specific day: once a day, week, or month, depending on your tracking volume, available disk space, and information needs.

Procedure

Use this procedure to purge Gentran:Viewpoint data.

CAUTION

THE PRGVPT COMMAND SHOULD NOT BE RUN WHEN GENTRAN:SERVER PROCESSING OR COMMUNICATIONS JOBS ARE RUNNING.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>Type 40 (Purge History) next to 810 INVOICES 4010 on the Work with Viewpoint panel (EDIX800).

Alternative method
You can also access the purge command from the GENVPT menu by using option 10.

System Response
The Purge Viewpoint History File (PRGVPT) panel displays.

<pre>
                   Purge Viewpoint History File (PRGVPT)

Type choices, press Enter.

Date to Purge Before . . . . . .   *DAYS   Date, *CURRENT or *DAYS
Document Name (*ALL) . . . . . . >
               + for more values > '810 INVOICES 4010'
Sent or Received . . . . > 'S'   S, R
Partner Id . . . .   *ALL
Partner Qualifier . . . .   Partner Qual
Schedule Job ? . . . .   *NO   *YES, *NO
Purge Method? . . . .   *NONE   *TAPE, *SAVF, *NONE, *CL
Days To Retain on File   180   Number

                          Additional Parameters

Run Interactively? . . . .   *NO   *YES, *NO
Reorganize Files? . . . .   *YES   *YES, *NO
Process Name . . . .   PRGVPT

                                                                      Bottom
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
</pre>
(Continued on next page)</td></tr>
</table>

(Contd) Step	Action
2	You can purge data selectively by: • Date or Days to retain on file • Document Definition Name(s) • Sent or Received • Partner ID • Partner Qualifier. Type entries into the fields listed above as needed, then press **F10** to see additional parameters. Press **Enter** to submit. The previous diagram shows the panel after F10 (Additional Parameters) is pressed.

Retrieve Purged Gentran:Viewpoint Data

Overview

Introduction

The Retrieve Viewpoint History File (RTVVPT) command enables you to reload files of Gentran:Viewpoint data you have purged to tape or save file.

Procedure

Use this procedure to retrieve purged Gentran:Viewpoint data.

Step	Action
1	On the GENVPT menu, select option **11** (Retrieve Viewpoint History) to access the Retrieve command. **Alternative method** You can also select option 41 (Retv History) on the key entry line on the Work with Viewpoint panel to access the command. **Note** The document name and original selection fields (the selection fields used when the data was purged) must exist on your system to reload Gentran:Viewpoint data from tape or save file. **System Response** The Retrieve Viewpoint History File (RTVVPT) panel displays.

```
                     Retrv Viewpoint History File (RTVVPT)

Type choices, press Enter.

Document History Control File  .   TRKDCN       Character value
Tracking Point Error File  . . .   TRKPER       Character value
Tracking Point History File  . .   TRKPHS       Character value
Library  . . . . . . . . . . . .   G3X4DTA      Character value
Retrieve Method  . . . . . . . .                *TAPE, *SAVF

                           Additional Parameters

Run Interactively? . . . . . . .   *NO          *YES, *NO



                                                                      Bottom
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Step	Action
2	Type values in the fields as needed, then press **Enter**, or press **F10** to see additional parameters.

Copy Document Definitions Between Libraries

Overview

Introduction

Gentran:Viewpoint allows you to copy an existing document definition to another iSeries library. This can be particularly useful if you have set up two libraries, one for test environment and the other for production. When you copy a document definition between libraries, Gentran:Viewpoint copies the tracking master control information, all document selection fields, and error selection into the new document definition.

This differs from option ‘3’ (Copy) by allowing you to copy between libraries. Option ‘3’ (Copy) allows you to copy a definition only within the same library.

Select and Enter the Copy Viewpoint Document Option

Overview

The copy Viewpoint document option can be accessed from the GENVPT menu or from the Work with Viewpoint panel (EDIX800-FMT01).

Procedure

Use this procedure to copy a document definition between libraries.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>On the GENVPT menu, select option 12 (Copy Viewpoint Document Definitions) and press Enter.
<pre>
GENVPT   Gentran:Viewpoint 3.4
                                                        System: ISDDEV01
Select one of the following:

     1. Work with Viewpoint
     2. Work with Viewpoint Queries
     3. Work with Automatic Notification

     7. Print Automatic Notification Profiles   (PRTAUTO)
     8. Print Viewpoint Doc Definition   (PRTVPT)
     9. Print Viewpoint Query Results   (PRTVPTQRY)
    10. Purge Viewpoint History   (PRGVPT)
    11. Retrieve Viewpoint History   (RTVVPT)
    12. Copy Viewpoint Document Definitions   (VPTCPY)

    90. Sign off

Selection or command
===> 12

F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel   F13=User Support
(C) COPYRIGHT Sterling Commerce Inc., 2006, ALL RIGHTS RESERVED.
</pre>
Alternative method
You can also access the Copy Viewpoint Document command from the Work with Viewpoint panel (EDIX800) by typing 30 (Copy Vpt Doc) in the Option field on the key entry line or beside any entry line on the panel, and pressing Enter.
(Continued on next page)</td></tr>
</table>

Step	Action
1 (Cont.)	**System Response** The system displays the Copy Viewpoint Document (VPTCPY) panel with the document name, send/receive, partner ID, and qualifier already defined. The system also displays the name of the From library where the document definition resides. **Note** The From library is determined from the Data library specified in the user's environment control profile.

```
                          Copy Viewpoint Document (VPTCPY)

Type choices, press Enter.

Copy From:  Document Name  . . .   '850 ORDERS 4010'
            Send/Receive . . . .   R             S or R
            Partner Id . . . . .   'ALL'
            Qualifier  . . . . .   ''            Character value
            Library  . . . . . .   G3X4TSTDTA    Character value
Copy To:    Document Name  . . .   850 ORDERS 4030
            Send/Receive . . . .   R             S or R
            Partner Id . . . . .   ALL
            Qualifier  . . . . .                 Character value
            Library  . . . . . .   G3X4DTA       Character value
Schedule Job ? . . . . . . . . .   *NO           *YES, *NO




                                                                    Bottom
F3=Exit   F4=Prompt   F5=Refresh   F10=Additional parameters   F12=Cancel
F13=How to use this display        F24=More keys
```

Step	Action
2	Type the new document name, **S** for Send or **R** for Receive, the partner ID, the Qualifier, and the name of the To library (the target library).
3	At this point, select one of the following ways to run the job: • Press **Enter** to immediately submit the job to run in batch • Press **F10** (Additional Parameters) and type *YES for Run Interactively • type *YES to use the Job Scheduler feature

Note:
The Copy To: Document Name, Send and Receive, Partner ID, Qualifier cannot already exist in the Copy To: Library.

Rename the Viewpoint Document Definition

Overview

Introduction

Gentran:Viewpoint enables you to rename a document definition.

Procedure

Use this procedure to rename a document definition.

Step	Action
1	On the Work with Viewpoint panel (EDIX800-FMT01), type **7** in the Option field next to the document name you want to rename. For this example, we are renaming the document name 850 ORDERS 4010.

```
EDIX800                       Work with Viewpoint                      EDI   03/01/06
FMT01                 pgmlib: G3X4PGM     dtalib: G3X4DTA                    12:00:00

Position to Document Name. . . . .___________________________ S/R _
            Partner ID . . . . . . _______________________________ Qual ____

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  6=Print  7=Rename

Opt  Document Name            S/R  Partner ID                      Qual  Sts
___  ________________________  _  ____________________________  ____
7__  850 ORDERS 4010            R   ALL                                    A






                                                                          Bottom
Parameters or command
===> ______________________________________________________________________________
F1=Help  F3=Exit  F6=More/Less  F12=Cancel  F15=Sort  F24=More Keys
```

(Continued on next page)

<table>
<tr><th>(Contd) Step</th><th>Action</th></tr>
<tr><td>2</td><td>Press Enter.

System Response
The system displays a Rename To window.<pre>
EDIX800   Work with Viewpoint   EDI 03/01/06
FMT01   pgmlib: G3X4PGM   dtalib: G3X4DTA   12:00:00

Position to Document Name. . . . . __________________________ S/R _
            Partner ID . . . . . . _______________________________ Qual _____

Type option (and Information), press Enter.
  1=Create 2=Revise 3=Copy 4=Delete 5=View 6=Print 7=Rename

Opt Document Name   S/R Partner ID   Qual Sts
__   _________________________ _   _______________________________ ____
7_   850 ORDERS 4010   R   ALL   A
        Rename To
        ____
        F3=Exit F12=Cancel

                                                                     Bottom
Parameters or command
===> ____
F1=Help F3=Exit F6=More/Less F12=Cancel F15=Sort F24=More Keys
</pre></td></tr>
<tr><td>3</td><td>Type the new document name and press Enter.</td></tr>
</table>

Reports

EBDI808—Viewpoint Cross-Version Copy Report

Contents of the report

The Cross-Version Copy report is generated as a result of copying a document definition to a different version. It contains summary information of the number of fields copied, the number of exceptions encountered, and the number of fields processed. Document selection fields are printed along with their new and old element definitions and a brief comment on whether or not the definition has changed.

How to identify the report

The identifier, EBDI808, displays in the upper left corner of the report. The report title, “Viewpoint Cross-Version Copy Report” is centered at the top of the report. The identifier EBDI808 also displays in the User Data field associated with the spooled report in the Output Queue.

How to generate the report

This is a system-generated report. It is generated when you copy a document definition using option **3** from the Work with Viewpoint panel and specify a different version for the target definition.

Special considerations

Like other Gentran:Server and Gentran:Viewpoint reports, the Viewpoint Cross-Version Copy Report automatically goes to the iSeries Output Queue defined for the user running the job.

Reference
See the Environment Control chapter in the *Gentran:Server for iSeries User’s Guide* for instructions to set up a user’s Output Queue.

(Continued on next page)

Report This diagram illustrates the Viewpoint Cross-Version Copy report (EBDI808).

```
EBDI808      DATE: 03/01/06                VIEWPOINT CROSS-VERSION COPY REPORT            TIME 12:00:00          PAGE   1

   COPY FROM                                                      COPY TO
   ---------                                                      -------
   DOCUMENT NAME: DSHORDERS D:94B                                 DOCUMENT NAME: ORDERS D99A
   SENT OR RECEIVED: R                                            SENT OR RECEIVED: R
   PARTNER ID: ALL                           QUAL:                PARTNER ID: ALL                           QUAL:
   VERSION: D  94B                                                VERSION: D  99A
   TRANSACTION ID: ORDERS                 RELEASE: 0              TRANSACTION ID: ORDERS                 RELEASE: 0


SEGMENTS AND ELEMENTS                QUALIFIER            ----- OLD -----  ----- NEW -----
   SEG ID/                              SEG ID/              ELM FLD ELM SUB  ELM FLD ELM SUB
   ELM SEQ  BUSINESS NAME               ELM SEQ  VALUE       TYP LEN NUM NUM  TYP LEN NUM NUM   COMMENTS
-------------------------------------------------------------------------------------------------------------------------------
   BGM001   BGM01-SUB1                                        ID   3   1   1   ID   3   1   1   *NO CHANGES DETECTED
   BGM004   BGM01-SUB4                                        AN  35   1   4   AN  35   1   4   *NO CHANGES DETECTED
   BGM005   Order #                                           AN  35   2       AN  35   2   1   *NO CHANGES DETECTED
   BGM006   Msg Func                                        ID   3   3       AN   9   2   2   *ELEM TYPE/LEN CHANGED; CHECK FLD


                              NUMBER OF FIELDS COPIED:     4
                                 NUMBER OF EXCEPTIONS:     0
                               TOTAL FIELDS PROCESSED:     4
                                                        Sterling Commerce
```

Field descriptions

This table describes the fields on the Viewpoint Cross-Version Copy report.

Field	Description
Copy From	
(Copy from) Document Name	Document name that is the source for the copy
(Copy from) Sent or Received	Direction of the source document definition
(Copy from) Partner ID/Qual	The partner ID and qualifier of the source document
(Copy from) Version	Version of the source document
(Copy from) Transaction ID/ Release	Transaction Set ID and release of the source document
Copy To	
(Copy to) Document Name	Document name that is the target for the copy
(Copy to) Sent or Received	Direction of the target document definition
(Copy to) Partner ID/ Qual	The partner ID and qualifier of the target document
(Copy to) Version	Version of the target document
(Copy to) Transaction ID/ Release	Transaction Set ID and release of the target document
Detail Section	
Seg ID/Elm Seq	Segment ID and element record sequence number of the EDI data element
Business Name	Name used to define the EDI data element, as specified in the source document
Qualifier Seg ID/Elm Seq	Qualifier segment ID and element sequence number, if a specific occurrence of a segment or loop should be tracked

(Continued on next page)

(Contd) Field	Description
Qualifier Value	Qualifier value that identifies the segment occurrence to be tracked
Old Elm Typ	The old data element type from the source definition
Old Fld Len	The maximum length of the old element ID from the source definition
Old Elm Num	The element number within the segment for the old version from the source definition
Old Sub Num	The subelement number within the element for the old version from the source definition
New Elm Typ	The new data element type from the target definition
New Fld Len	The maximum length of the new element ID from the target definition
New Elm Num	The element number within the segment for the new version from the target definition
New Sub Num	The subelement number within the element for the new version from the target definition
Comments	Brief description on whether or not the definition has changed and if so, the information that changed
Number of Fields Copied	Total number of fields copied from the source definition to the target definition
Number of Exceptions	Total number of fields not copied from the source definition
Total Fields Processed	Total number of fields processed

EBDI830—Viewpoint Document Definition Report

Contents of the report

The Viewpoint Document Definition report contains the document definitions, such as transaction, version, and fields to be tracked with descriptions and attributes.

How to identify the report

The identifier, EBDI830, displays in the upper left corner of the report. The report title, “Viewpoint Document Definition Report,” is centered at the top of the report. The identifier, EBDI830, also displays in the User Data field associated with the spooled report in the Output Queue.

How to generate the report

This is a user-generated report. It can be generated in one of the following ways:

- Select option **6** (Print) on the Work with Viewpoint panel (EDIX800-FMT01)
- Press **F21** (Prt Vpt) on the Document Selection Fields panel (EDIX801-FMT01) or on the Document Definition panel (EDIX808-FMT01), or
- Select option **8** (Print Viewpoint Doc Definition) from the GENVPT menu or by prompting the PRTVPT command.

Special considerations

Like other Gentran:Server and Gentran:Viewpoint reports, the Document Definition report automatically goes to the iSeries Output Queue defined for the user running the job.

Reference
See the Environment Control chapter in the *Gentran:Server for iSeries User’s Guide* to set up a user’s Output Queue.

Report

This diagram illustrates the Viewpoint Document Definition report (EBDI830).

```
EBDI830      RUN DATE 03/01/06            P VIEWPOINT DOCUMENT DEFINITION REPORT          RUN TIME 12:00:00     PAGE    1
                                                           SELECTION CRITERIA
                                                           ------------------
     DOCUMENT DEFINITION: 850 ORDERS 4010                    DIRECTION: R                                VERSION: 004010
DOCUMENT NAME. . . . . .  850 ORDERS 4010
SENT OR RECEIVED . . . .  R                                 STATUS: ACTIVE
PARTNER ID . . . . . . .  ALL                               QUAL
VERSION. . . . . . . . .  004010
TRANSACTION ID . . . . .  850                               REL. 0
     SEGMENTS AND ELEMENTS:                   ELE  SUB          QUALIFIER               ELE SUB
     SEG/SEQ  BUSINESS NAME                   NUM  ELE          SEG/SEQ  VALUE          NUM  ELE
     BEG002   PO Type                           2
     BEG003   PO Num                            3
     BEG005   PO Date                           5
     N1 004   Ship To                           4               N1 001   ST               1
     ERROR MESSAGES:
     FROM     TO
     67   -
     209  -  386
     626  -
     TOTAL TRACKING DEFINITIONS SELECTED:          1
                                                          Sterling Commerce
```

Field descriptions

This table describes the fields on the Viewpoint Document Definition report.

Field Name	Description
Selection Criteria	
Document Definition	User-assigned name of the document definition to be printed or *ALL.
Direction	Identifies the direction of the document definition to be printed: R (receive) for inbound, S (send) for outbound, or *ALL for both.
Version	Identifies the Standard Version of the document definition to be printed or *ALL.
Definition Header	
Document Name	Identifies the document definition being printed.
Sent or Received	Identifies whether the document definition is used to track inbound (received) or outbound (sent) data.
Status	Identifies the status of the document definition, whether active or inactive.
Partner ID	The partner whose documents will be tracked by the document definition.
Qual	The partner qualifier for the partner ID.
Version	Identifies the Standard Version to be tracked for the document definition.
Transaction ID	The transaction set to be tracked by this document definition.
Rel (ease)	Identifies the release number for the version (for TRADACOMS only).
Detail Section	
Seg/Seq	Identifies the segment ID and element record sequence number of the EDI data element to be tracked with this document. This is also referred to as a document selection field.
Business Name	User-defined name for a document selection field. (Continued on next page)

(Contd) Field Name	Description
Selection Criteria	
Ele Num	The element number within the segment for the document selection field.
Sub Num	The subelement number within the element for the document selection field.
Qualifier Seg/Seq	Use this field to track the occurrences of segment ID/ element sequence ID. Identifies the segment and element number to be evaluated.
Qualifier Value	Type the value that identifies the segment occurrence to be tracked.
Ele Num	The element number within the segment for the Qualifier field.
Sub Num	The subelement number within the element for the Qualifier field.
Error Messages	
From	The beginning Gentran error number for a sequence of errors to be tracked, or an individual error number.
To	The last Gentran error number of a sequence of errors to be tracked. If there is no range of numbers, the TO field is blank.

EBDI834A—Viewpoint Query Results Report (Ad hoc Query)

Contents of the report

The Viewpoint Query Results report contains the tracking point (program) history for documents, document definitions, and errors tracked and reject errors, if specified. This report prints tracking query results for an ad-hoc (basic inquiry) query.

Note
This report is the same as the EBDI834P report. The difference is how the report is generated.

Reference
See How to generate the report.

How to identify the report

The identifier EBDI834A displays in the upper left corner of the report. The report title, "Viewpoint Query Results Report" is centered at the top of the report. The identifier, EBDI834A, also displays in the User Data field associated with the spooled report in the Output Queue.

How to generate the report

This is a user-generated report. It can be generated by pressing F21 (Print Results) on the Basic Inquiry panel (EDIX803-CTL01), by selecting option 9 (Print Viewpoint Query Results) from the GENVPT menu and specifying *ADHOC for the type of query definition, or by prompting the PRTVPTQRY command.

Special considerations

Like other Gentran:Server and Gentran:Viewpoint reports, the Viewpoint Query Results report automatically goes to the iSeries Output Queue defined for the user running the job.

Reference
See the Environment Control chapter in the *Gentran:Server for iSeries User Guide* to set up a user's Output Queue.

Field Descriptions

Field descriptions can be found under report EBDI834P.

Report This diagram illustrates the Viewpoint Query Results report (EBDI834A).

```
EBDI834A      RUN DATE 03/01/06                VIEWPOINT QUERY RESULTS REPORT               RUN TIME 12:00:00     PAGE    1

SELECTION CRITERIA
------------------
QUERY DEFINITION: *ADHOC                          DOCUMENT NAME: 850 ORDERS 4010                DIRECTION: R
PARTNER ID: ALL                                   QUAL:                                         PRINT DEFINITION: *YES
EXCEPTION ERRORS: *NO                             FROM DATE: *BEGIN                             TO DATE: *END

DOCUMENT DEFINITION
-------------------
DOCUMENT NAME: 850 ORDERS 4010                    SENT OR RECEIVED: R            PARTNER/QUAL: ALL                    /
VERSION/TRANS ID/RELEASE: 004010      /850   /0   STATUS: ACTIVE

SEGMENTS AND ELEMENTS:                            ELE  SUB                       QUALIFIER              ELE  SUB
SEG/SEQ  BUSINESS NAME                            NUM  ELE                       SEG/SEQ  VALUE         NUM  ELE

BEG002   PO Type                                    2
BEG003   PO Num                                     3
BEG005   PO Date                                    5
N1 004   Ship To                                    4                            N1 001   ST              1

PARTNER ID: SWEET TEA                             QUAL:

PO Type                  : NE
PO Num                   : 01120001
PO Date                  : 20060228
Ship To                  : 100

     TRACKING POINT           STATUS     DATE           TIME
-----------------------------------------------------------------------------------------------------------------------------
     Inbound Mapper           Error*     03.28.06       11:29:42
     Acknowledged             Normal     03.28.06       11:29:32
     Inbound Editor           Normal     03.28.06       11:29:26

                              TOTAL TRACKING POINTS:     3
```

EBDI834P—Viewpoint Query Results Report (Permanent Query)

Contents of the report

The Viewpoint Query Results report contains the tracking point (program) history for documents, document definitions and errors tracked and reject errors if specified. This report prints tracking query results for a permanent query.

Note
This report is the same as the EBDI834A report. The difference is how the report is generated.

Reference
See How to generate the report.

How to identify the report

The identifier EBDI834P displays in the upper left corner of the report. The report title, “Viewpoint Query Results Report” is centered at the top of the report. The identifier EBDI834P also displays in the User Data field associated with the spooled report in the Output Queue.

How to generate the report

This is a user-generated report. It can be generated by selecting option **6** (Print) on the Work with Document Queries panel (EDIX810-FMT01) or by selecting option **9** (Print Viewpoint Query Results) from the GENVPT menu and specifying a specific query ID. It can also be generated by pressing F21 (Print Results) on the Query Results panel (EDIX812-CTL01), or by prompting the PRTVPTQRY command.

Special considerations

Like other Gentran:Server and Gentran:Viewpoint reports, the Viewpoint Query Results report automatically goes to the iSeries Output Queue defined for the user running the job.

Reference
See the Environment Control chapter in the *Gentran:Server for iSeries User Guide* to set up a user’s Output Queue.

Report This diagram illustrates the Viewpoint Query Results report (EBDI834P).

```
EBDI834P      RUN DATE 03/01/06                    VIEWPOINT QUERY RESULTS REPORT                 RUN TIME 12:00:00     PAGE    1

SELECTION CRITERIA
------------------
QUERY DEFINITION: SWEET TEA                        DOCUMENT NAME: 810 INVOICES 4010                DIRECTION: S
PARTNER ID: ALL                                    QUAL:                                           PRINT DEFINITION: *YES
EXCEPTION ERRORS: *NO                              FROM DATE: *BEGIN                               TO DATE: *END

DOCUMENT DEFINITION
-------------------
DOCUMENT NAME: 810 INVOICES 4010                   SENT OR RECEIVED: S           PARTNER/QUAL: ALL                          /
QUERY ID: SWEET TEA                                DESCRIPTION: Invoices sent to Sweet Tea
VERSION/TRANS ID/RELEASE: 004010      /850    /0   STATUS: ACTIVE

SEGMENTS AND ELEMENTS:                             ELE  SUB                      QUALIFIER              ELE  SUB
SEG/SEQ  BUSINESS NAME                             NUM  ELE                      SEG/SEQ  VALUE         NUM  ELE

BIG002   Inv Num                                     2
BIG001   Inv Date                                    1
BIG004   PO Num                                      4
N1 002   Ship To                                     2                           N1 001   ST              1
TDS001   Total Amt                                   1
CTT002   Total Qty                                   2
RECORD SELECTION: Total Amt                   GE +                10.00

PARTNER ID: SWEET TEA                              QUAL:

Inv Num                  : INV123
Inv Date                 : 20060228
PO Num                   : PO123
Ship To                  : SWEET DIV 1

Total Amt                :        216.00
Total Qty                :        155.00

     TRACKING POINT           STATUS     DATE           TIME
     -----------------------------------------------------------------------------------------------------------------------
     Outbound Editor          Error*     03.28.06       16:18:20
     Outbound Mapper          Normal     03.28.06       16:18:17
                              TOTAL TRACKING POINTS:     2

Inv Num                  : INV444
Inv Date                 : 20060228
PO Num                   : PO444
Ship To                  : SWEET DIV 2
Total Amt                :        216.00
Total Qty                :        155.00

     Outbound Editor          Error*     03.28.06       16:18:20
     Outbound Mapper          Normal     03.28.06       16:18:17

                              TOTAL TRACKING POINTS:     2
                     TOTAL DOCUMENTS FOR DEFINITIONS:     2

                                                         Sterling Commerce
```

Fields on the Viewpoint Query Results report (EBDI834A and EBDI834P)

This table describes the fields on the Viewpoint Query Results report (EBDI834A and EBDI834P).

Field Name	Description
Selection Criteria	
Query Definition	Query ID to be run or *adhoc for ad hoc queries (basic inquiry)
Document Name	User-assigned name of the document definition to be queried or *ALL
Direction	Identifies the direction of the document definition to be queried: R (receive) for inbound, S (send) for outbound, or *ALL for both
Partner ID	The selected partner ID to be used for the query or *ALL
Qual (ifier)	The qualifier for the selected partner ID
Print Definition	Identifies whether the definitions of the document are to be printed or just print the query results
Exception Errors	Identifies whether to print documents tracked with an error or reject status
From Date	The date of the oldest document to be selected
To Date	The most recent date of the document to be selected
Document Definition	
Document Name	User-assigned name of the document definition
Sent or Received	Identifies whether the document definition is used to track inbound (received) or outbound (sent) data
Partner/Qual (ifier)	Identifies the partner ID and qualifier
Query ID (shown if specific query definition is entered)	User-defined identification for a query
Description	User's description of the query
Version/Trans ID/ Release	The version, transaction ID and the release number that is being tracked for the document definition

(Continued on next page)

(Contd) Field Name	Description
Status	The status of the Viewpoint document definition. This will be either active or inactive.
Segments and Elements	
Seg/Seq	Identifies the segment ID and element sequence number
Business Name	User-defined name for a document selection field
Ele Num	The element number within the segment for the field tracked
Sub Ele	The subelement number within the element for the field tracked
Qualifier	
Seg/Seq	Identifies the segment ID and element sequence number
Value	Identifies the value for the qualifier
Ele Num	The element number within the segment for the qualifier
Sub Ele	The subelement number within the element for the qualifier
Selection	
Record Selection	Lists the selection criteria used, if any
Detail Section 1	
Partner ID	The partner whose detail documents tracked by the document definition are being printed
Qual (ifier)	The qualifier for the partner ID
Searched Results (shown below Partner ID/Qual)	Lists the values for the selection fields of the documents tracked
Tracking Point	Processing point that a document has passed through in the EDI environment
Status	The completion status assigned to the processing of this document at a tracking point (Continued on next page)

(Contd) Field Name	Description
Date	The date the document was processed by the tracking point
Time	The time the document was processed by the tracking point
Detail Section 2 (if Exception Errors field = *YES)	
No.	The error number from the Gentran error message file
Rcd	Identifies the record number of the error
Seg (ment)	The segment number of the detected error
Ele (ment ID)	The element ID of the detected error
Comp (osite Element ID)	The composite element ID of the detected error
Error Message	The error message definition from the Gentran error message file for this error number
Total Tracking Points	The total number of tracking points the document has gone through
Total Error Messages Tracked	The total number of errors that occurred for a document during processing
Total Documents for Definitions	The total number of tracked documents printed that met the selection criteria for the document definitions selected

CHAPTER
3

The Application Program Interface

Contents

In this Chapter

Overview

This chapter explains concepts related to the Application Program Interface (API) feature of Gentran:Viewpoint. The concepts in this chapter build on those covered in the “Working with Gentran:Viewpoint” chapter.

Topics

Topics contained in this chapter include:

- What is the Application Program Interface?
- How Does the Application Program Interface Work?
- How to Set Up Your Application
- Data Structure Layout

What is the Application Program Interface?

Overview

The Application Program Interface (API) enables you to set up your application programs as tracking points. Using the API, you can track business documents to or from your application.

Example

If you have set up a Document Definition to track outbound invoices, you can set up your invoice generation application as a tracking point.

By modifying your application to send the correct key fields and document selection fields to Gentran:Viewpoint when an invoice is generated, you will be able to see the same information for your application that you see for other tracking points on the Document History panel (EDIX804-CTL01).

How Does the Application Program Interface Work?

Overview

The API uses a data structure comprised of 18 fixed-length data elements, which you provide from your application. Your program should call the API program, EBDI851, and pass the parameter string. The data is then passed to Gentran:Viewpoint, where it is compared to the document definitions you have created.

When a business document is passed from your application that fits a document definition, the document is tracked, and the document history panel displays the date, time and status of the document when it was processed by the application.

Note

If the document definition to be tracked by the API is in an inactive status at the time of processing, a history record will still be logged for the application tracking point; however, the status will be overridden to show it was inactive.

Modifying your application program may be necessary to provide the data structure parameters to the API. Sample COBOL and RPG programs are included at the end of this chapter.

Examples Used in this Chapter

Overview

We will be building on the example used in the “Working with Gentran:Viewpoint” chapter, the document definition, 810 INVOICES 4010. We are going to set up our company’s billing application as a tracking point.

To make Gentran:Viewpoint recognize our billing application, we will modify the application to send Gentran:Viewpoint the key fields and document selection fields for 810 INVOICES 4010.

Once we have modified our program, we will be able to see when documents tracked through the 810 INVOICES 4010 document definition are processed by our billing application, as well the status, just as we do for other tracking points.

How to Set Up Your Application

Overview

To ensure that Gentran:Viewpoint correctly identifies the data from your application, you need to:

- Modify your application program to load the necessary parameters into the API.
- Provide the information from your application that matches the fields you defined in Gentran:Viewpoint for documents to be tracked.

Getting started

The first step in setting up your application as a tracking point is to define what fields or variables from your application supply the information for a document definition and its document selection fields.

Example
You want to set up your billing application as a tracking point for the document definition 810 INVOICES 4010. You must define the fields from your billing application that contain the data specified for 810 INVOICES 4010.

Diagram: document definition data

The following diagram shows the data you entered for the document definition 810 INVOICES 4010 in the "Working with Gentran:Viewpoint" chapter.

```
EDIX808                      Document Definition                   EDI 03/01/06
FMT01                                                                  12:00:00

Document Name. . . . . . . . . . .   810 INVOICES 4010
Sent or Received . . . . . . . . .   S
Partner ID . . . . . . . . . . . .   ALL
Partner Qual . . . . . . . . . . .

Version. . . . . . . . . . . . . .   004010

Transaction ID . . . . . . . . . .   810

Release. . . . . . . . . . . . . .   0

Status . . . . . . . . . . . . . .   A

Division . . . . . . . . . . . . .   000

Update Allowed . . . . . . . . . .   Y

Last Update User . . . . . . . . .   EDI
Last Update Date . . . . . . . . .   03/01/06
F1=Help  F4=Prompt  F10=Update  F12=Cancel  F21=Prt Vpt  F24=More Keys
```

Diagram: document selection fields

The following diagram shows the document selection fields that were entered for 810 INVOICES 4010.

```
EDIX801                   Document Selection Fields                EDI 03/01/06
CTL01                                                                  12:00:00

Document Name. . . . . . . . . . .  810 INVOICES 4010
Sent or Received . . . . . . . . .  S                             Sts. A
Partner ID . . . . . . . . . . . .  ALL                           Qual
Version. . . . . . . . . . . . . .  004010
Transaction ID . . . . . . . . . .  810                           Rel. 0


Type option, press Enter.
  4=Delete
EDI Segments and Elements:             Qualifier
    Seg ID/                            Seg ID/
Opt Elm Seq Business Name              Elm Seq Value
    BIG002  Inv Num
    BIG001  Inv Date
    BIG004  PO Num
    N1 002  Ship To                    N1 001  ST
    TDS001  Total Amt
    CTT002  Total Qty
                                                                     Bottom
F1=Help  F4=Prompt  F10=Update  F12=Cancel  F21=Prt Vpt  F24=More Keys
```

Link the application fields

Before we can set up the application as a tracking point, we must “link” the fields in our application that contain this information to the key fields on the Document Definition panel and the document selection fields.

The following section discusses the changes that you must incorporate into your application to supply the necessary information to Gentran:Viewpoint to make your application a tracking point.

Data Structure Layout

Overview

The following table lists the mandatory information that Gentran:Viewpoint needs from your application in order to show it as a tracking point. The elements to be included in the data structure are all alphanumeric fields with fixed lengths. The data structure must include the 18 fields listed in the following table. A description and the required field length is given for each.

The fields TRK-SELECTION1-VALUE through TRK-SELECTION6-VALUE must be loaded as follows:

- Alphanumeric values must be left-justified.
- Numeric values must be left-justified and blank-filled. If the value is negative, the minus sign (-) must be included in the first byte. If the value contains decimals, the decimal point must be included.

Field descriptions

The data elements in the following table must contain data: TRK-PARTNER, TRK-PARTNER-QUA, TRK-DOC-NAME, and TRK-SEND-REC. The other data elements are optional, but the fields must be included in the data structure even if they are not used.

CAUTION

TRK-PARTNER AND TRK-PARTNER-QUA MUST CONTAIN THE SPECIFIC PARTNER TO VALIDATE THE PARTNER FROM THE API, WHETHER THE GENTRAN:VIEWPOINT DOCUMENT IS FOR THAT PARTNER OR FOR “ALL” PARTNERS.

Field Name Example	Description	Field Length
TRK-DOC-NAME	The document name—must be exact match for the document name entered for the document definition.	25
TRK-SEND-REC	Whether to track documents sent or received. Values are “S” or “R”	1
TRK-PARTNER	Specific Partner ID	30
TRK-PARTNER-QUA	Partner qualifier (Continued on next page)	4

(Contd) Field Name Example	Description	Field Length
TRK-SELECTION1-VALUE	First selection field entered for this document definition	50
TRK-SELECTION2-VALUE	Second selection field entered for this document definition	50
TRK-SELECTION3-VALUE	Third selection field entered for this document definition	50
TRK-SELECTION4-VALUE	Fourth selection field entered for this document definition	50
TRK-SELECTION5-VALUE	Fifth selection field entered for this document definition	50
TRK-SELECTION6-VALUE	Sixth selection field entered for this document definition	50
TRK-PROGRAM-ID	This is the user-defined name that will be used to identify the application on the Document History panel	20
TRK-DOC-STATUS	User-defined status up to six characters. This status is displayed with the program history when queried. **Note** If the document definition is in an inactive status at the time of processing by the API, the status will be overridden to “Inactv.”	6
TRK-PROCESS-DATE	Date the document was processed by the user application in YYYYMMDD format	8
TRK-PROCESS-TIME	Time the document was processed by the user application in HHMMSS format	6

(Continued on next page)

(Contd) Field Name Example	Description	Field Length
TRK-TRACE	Y or N. If Y, will trace, or log, all data sent or received from applications along with a processed flag to show success or failure of the posting. The trace data is in file TRKTRC, located in your Data library. The data is replaced with new data on each run.	1
TRK-FILLER	Expansion (reserved for future use)	213

Sample COBOL Program

Overview

You must also identify the variables from your application that are to be used for the fields entered in the data structure described previously.

Program

The following sample COBOL program contains the necessary information to be sent to Gentran:Viewpoint.

```
SOURCE FILE .....XXXX
MEMBER.............INVOICE
SEQNBR
100        PROCESS XXXXXX
200        IDENTIFICATION XXXXXX
300        PROGRAM-ID. XXXXXX
400        AUTHOR XXXXXX
500        DATE-WRITTEN XXXXX
600
700        ENVIRONMENT XXXX
800        CONFIGURATION XXXXX
900
1000       INPUT-OUTPUT SECTION.
1100       FILE-CONTROL.
1200       DATA DIVISION.
1300       FILE SECTION.
1400
1500       WORKING-STORAGE SECTION
1600       01     TRK-DATA
1700       05     TRK-DOC-NAME     PIC X(25)
1800       05     TRK-SEND-REC                 PIC X(01)
1900       05     TRK-PARTNER                  PIC X(30)
2000       05     TRK-PARTNER-QUA              PIC X(04)
2100       05     TRK-SELECTION1-VALUE         PIC X(50)
2200       05     TRK-SELECTION2-VALUE         PIC X(50)
2300       05     TRK-SELECTION3-VALUE         PIC X(50)
2400       05     TRK-SELECTION4-VALUE         PIC X(50)
2500       05     TRK-SELECTION5-VALUE         PIC X(50)
2600       05     TRK-SELECTION6-VALUE         PIC X(50)
2700       05     TRK-PROGRAM-ID               PIC X(20)
2800       05     TRK-DOC-STATUS               PIC X(06)
2900       05     TRK-PROCESS-DATE             PIC X(08)
3000       05     TRK-PROCESS-TIME
3100       05     10  TRK-TIME-FIRST-TWO       PIC X(02)
3200       05     10 TRK-TIME-MID-TWO          PIC X(02)
3300       05     10 TRK-TIME-LAST-TWO         PIC X(02)
3400       05     TRK-TRACE                    PIC X(01)
3500       05     TRK-FILLER                  PIC X(213)
3600
3700PROCEDURE DIVISION
3800       MOVE Send or Receive char (S or R)TO TRK-SEND-REC.
3900       MOVE Document name from ViewpointTO TRK-DOC-NAME.
4000       MOVE Partner ID              TO TRK-PARTNER.
4100       MOVE Partner qualifier     TO TRK-PARTNER-QUA.
4200       MOVE Variable from applicationTO TRK-SELECTION1-VALUE.
4300       MOVE Variable from applicationTO TRK-SELECTION2-VALUE.
4400       MOVE Variable from applicationTO TRK-SELECTION3-VALUE.
4500       MOVE Variable from applicationTO TRK-SELECTION4-VALUE.
```

(Continued on next page)

```
      MOVE Variable from applicationTO TRK-SELECTION5-VALUE.
      MOVE Variable from applicationTO TRK-SELECTION6-VALUE.
      MOVE Application program ID TO TRK-PROGRAM-ID.
      MOVE Document status        TO TRK-DOC-STATUS.
      MOVE System Date          TO TRK-PROCESS-DATE.
      MOVE System time          TO TRK-PROCESS-TIME.
      MOVE Trace (Y or N)              TO TRK-TRACE.

      CALL 'EBDI851' USING TRK-DATA.
      GO BACK.
```

Sample RPG Program

Overview

You must also identify the variables from your application that are to be used for the fields entered in the data structure described previously.

Program

The following sample RPG program contains the necessary information to be sent to Gentran:Viewpoint.

```
H/TITLE
 *PROGRAM-ID. CALL851.
 *AUTHOR.        STERLING COMMERCE INC.
 *DATE-WRITTEN. 03/01/06
ITRKDTA      DS                          614
I                                      1  25 TRKDOC
I                                     26  26 TRKSOR
I                                     27  56 TRKPTR
I                                     57  60 TRKQUA
I                                     61 110 TRKS1V
I                                    111 160 TRKS2V
I                                    161 210 TRKS3V
I                                    211 260 TRKS4V
I                                    261 310 TRKS5V
I                                    311 360 TRKS6V
I                                    361 380 TRKPID
I                                    381 386 TRKDST
I                                    387 394 TRKDAT
I                                    387 390 TRKCCY
I                                    391 394 TRKMMD
I                                    395 400 TRKTIM
I                                    395 396 TRKTHH
I                                    397 398 TRKTMM
I                                    399 400 TRKTSS
I                                    401 401 TRKTRC
I                                    402 614 TRKFIL
IDOCDTA      DS                          614
I                                      1  25 DOCDOC
I                                      1   8 DOCDO1
I                                      9  16 DOCDO2
I                                     17  24 DOCDO3
I                                     25  25 DOCDO4
I                                     26  26 DOCSOR
I                                     27  56 DOCPTR
I                                     27  34 DOCPT1
I                                     35  42 DOCPT2
I                                     43  50 DOCPT3
I                                     51  56 DOCPT4
I                                     57  60 DOCQUA
I                                     61 110 DOCS1V
I                                     61  68 DOCS11
I                                     69  76 DOCS12
I                                     77  84 DOCS13
I                                     85  92 DOCS14
I                                     93 100 DOCS15
I                                    101 108 DOCS16
I                                    109 110 DOCS17
I                                    111 160 DOCS2V
```

(Continued on next page)

```
I                                       111 118 DOCS21
I                                       119 126 DOCS22
I                                       127 134 DOCS23
I                                       135 142 DOCS24
I                                       143 150 DOCS25
I                                       151 158 DOCS26
I                                       159 160 DOCS27
I                                       161 210 DOCS3V
I                                       161 168 DOCS31
I                                       169 176 DOCS32
I                                       177 184 DOCS33
I                                       185 192 DOCS34
I                                       193 200 DOCS35
I                                       201 208 DOCS36
I                                       209 210 DOCS37
I                                       211 260 DOCS4V
I                                       211 218 DOCS41
I                                       219 226 DOCS42
I                                       227 234 DOCS43
I                                       235 242 DOCS44
I                                       243 250 DOCS45
I                                       251 258 DOCS46
I                                       259 260 DOCS47
I                                       261 310 DOCS5V
I                                       261 268 DOCS51
I                                       269 276 DOCS52
I                                       277 284 DOCS53
I                                       285 292 DOCS54
I                                       293 300 DOCS55
I                                       301 308 DOCS56
I                                       309 310 DOCS57
I                                       311 360 DOCS6V
I                                       311 318 DOCS61
I                                       319 326 DOCS62
I                                       327 334 DOCS63
I                                       335 342 DOCS64
I                                       343 350 DOCS65
I                                       351 358 DOCS66
I                                       359 360 DOCS67
I                                       361 380 DOCPID
I                                       361 368 DOCPI1
I                                       369 376 DOCPI2
I                                       377 380 DOCPI3
I                                       381 386 DOCDST
I                                       387 394 DOCDAT
I                                       387 390 DOCCCY
I                                       391 394 DOCMMD
I                                       395 400 DOCTIM
I                                       395 396 DOCTHH
I                                       397 398 DOCTMM
I                                       399 400 DOCTSS
I                                       401 401 DOCTRC
I                                       402 614 DOCFIL
 *
C*          *ENTRY    PLIST
 *
C                     MOVE *BLANKS   TRKDTA
C                     MOVE *BLANKS   DOCDTA
 *
 *****  SAVE VALUES TO BE SENT TO VIEWPOINT(TMM)  *****
 *
C                     MOVE 'OUTBOUND'DOCDO1
C                     MOVE 'INVOICES'DOCDO2
C                     MOVE *BLANKS   DOCDO3
C                     MOVE 'S'       DOCSOR
```

(Continued on next page)

```
C                    MOVE 'ALL     'DOCPT1
C                    MOVE *BLANKS   DOCPT2
C                    MOVE *BLANKS   DOCQUA
C                    MOVE 'INV123  'DOCS11
C                    MOVE '        'DOCS12
C                    MOVE '092294  'DOCS21
C                    MOVE 'TP DIV 1'DOCS31
C                    MOVE 'PO123   'DOCS41
C                    MOVE '155.    'DOCS51
C                    MOVE '1130.00 'DOCS61
C                    MOVE 'BILLING 'DOCPI1
C                    MOVE *BLANKS   DOCPI2
C                    MOVE 'NORMAL'  DOCDST
C                    MOVE '2000'    DOCCCY
C                    MOVE '0922'    DOCMMD
C                    MOVE '15'      DOCTHH
C                    MOVE '04'      DOCTMM
C                    MOVE '12'      DOCTSS
C                    MOVE 'Y'       DOCTRC
 *
 *****  MOVE VALUES TO BE SENT TO VIEWPOINT VARIABLES  *****
 *
C                    MOVE DOCDOC    TRKDOC
C                    MOVE DOCSOR    TRKSOR
C                    MOVE DOCPTR    TRKPTR
C                    MOVE DOCQUA    TRKQUA
 *
C                    MOVE DOCS1V    TRKS1V
C                    MOVE DOCS2V    TRKS2V
C                    MOVE DOCS3V    TRKS3V
C                    MOVE DOCS4V    TRKS4V
C                    MOVE DOCS5V    TRKS5V
C                    MOVE DOCS6V    TRKS6V
 *
C                    MOVE DOCPID    TRKPID
C                    MOVE DOCDST    TRKDST
C                    MOVE DOCDAT    TRKDAT
C                    MOVE DOCTIM    TRKTIM
C                    MOVE DOCTRC    TRKTRC
 *
C                    CALL 'EBDI851'
C                    PARM           TRKDTA
C                    RETRN
```

CHAPTER
4

Automatic Notification

Contents

Overview

In this Chapter

Introduction

This chapter explains what Automatic Notification is and how it is used within Gentran:Viewpoint to interface with Gentran:Server. This chapter covers the following topics:

- What is Automatic Notification?
- How does Automatic Notification Work?
- What does the Automatic Notification Function Do?
- Panel Quick Reference
- Automatic Notification Panels
- E-mail Automatic Notification
- Page Automatic Notification
- User Exit Automatic Notification
- Copy Automatic Notification Records
- Gentran Pager
- Reports

What is Automatic Notification?

Overview

Automatic Notification provides a method to notify users when a trackable event in the Message Center occurs. This notification can occur by e-mail, page, by performing a user exit, or any combination of these three methods. Automatic Notification is used in conjunction with the Message Center and Viewpoint. Both Viewpoint and the Message Center must be activated in order for Automatic Notification to work.

How does Automatic Notification Work?

Overview

Upon the completion of a job that is being monitored by the Message Center, the Automatic Notification profiles are searched for a matching process name and command name, whose return code is equal to or less than the return code for the processing job. Only one notification profile can be selected and it is the one with the closest matching return code. If there is a match, it will perform the actions that are set up for that entry. Those actions could be any combination of e-mail messages, pages, or a user exit command.

What does the Automatic Notification Function Do?

Overview

The Automatic Notification function allows you to:

- Create notification entries based upon process name, command name, and return codes from the Message Center. These entries will be referred to as notification profiles.
- Create/modify/delete e-mail entries for specific notification profiles.
- Create/modify/delete paging entries for specific notification profiles.
- Create/modify/delete User Exit commands for specific notification profiles.
- Copy Automatic Notification entries.
- Print Automatic Notification entries.

Panel Quick Reference

Automatic Notification panels

This table describes the purpose and access methods for the Automatic Notification panels in Gentran:Viewpoint.

Panel Name	Purpose	Access Methods
EDIX630-FMT01 Work with Automatic Notification	Select an option to work with records in Automatic Notification	• Select option 3 on GENVPT • Type J AN on command line • Type EXCPGM EDIX630 on command line
EDIX631-FMT01 Automatic Notification	Define the type of message that can be sent	• Select an option (1-5) on EDIX630-FMT01
EDIX632-FMTnn Work with Auto Notification E-mail	Work with e-mail notifications	• Select option 11 on EDIX630-FMT01 • Type J EML on command line • Type EXCPGM EDIX632 on command line
EDIX633-FMT01 Auto Notification E-mail Control	Define and maintain e-mail information for specific job and recipient	• Select an option (1-5) on EDIX632-FMTnn
EDIX634-FMTnn Work with Auto Notification Paging	Work with paging notifications (Continued on next page)	• Select option 12 on EDIX630-FMT01 • Type J PAG on command line • Type EXCPGM EDIX634 on command line

(Contd) Panel Name	Purpose	Access Methods
EDIX635-FMT01 Auto Notification Paging Control	Maintain paging information for specific job and recipient	• Select an option (1-5) on EDIX634-FMT01 or on EDIX634-FMTnn
EDIX636-FMT01 Work with Auto Notification User Exit	Work with User Exit notifications	• Select option 13 on the key entry line on EDIX630-FMT01 • Type J USR on command line • Type EXCPGM EDIX636 on command line
EDIX637-FMT01 Auto Notification User Exit Control	Define and maintain user exit information for specific job	• Select option 13 beside a specific notification profile on the EDIX630-FMT01 panel • Select an option (1-5) on EDIX636-FMT01
GENPAGE	Initiate a page for a Communications Profile ID on the command line (Continued on next page)	Prompt GENPAGE on the command line

(Contd) Panel Name	Purpose	Access Methods
NOTIFYCPY	Copy automatic notification profiles between libraries	• Select option 30 on the EDIX630-FMT01 panel • Prompt NOTIFYCPY on command line
PRTAUTO	Print automatic notification profile	• Select option 6 (Print) on panel EDIX630-FMT01 • Select option 7 from GENVPT • Prompt PRTAUTO on command line

Using the Automatic Notification Panels

Overview

Access the Automatic Notification function

On the Viewpoint menu (GENVPT), select option **3**, Work with Automatic Notification, and press **Enter**.

Note
The Work with Automatic Notification option is used in conjunction with jobs tracked in the Message Center. Viewpoint must be enabled in order to access the Automatic Notification panels. The Message Center needs to be active in order for the notifications to be sent when requested.

```
GENVPT                        Gentran:Viewpoint 3.4
                                                            System:   ISDDEV01
Select one of the following:

     1. Work with Viewpoint
     2. Work with Viewpoint Queries
     3. Work with Automatic Notification

     7. Print Automatic Notification Profiles    (PRTAUTO)
     8. Print Viewpoint Doc Definition           (PRTVPT)
     9. Print Viewpoint Query Results            (PRTVPTQRY)
    10. Purge Viewpoint History                  (PRGVPT)
    11. Retrieve Viewpoint History               (RTVVPT)
    12. Copy Viewpoint Document Definitions      (VPTCPY)

    90. Sign off


Selection or command
===> 3

F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel   F13=User Support
(C) COPYRIGHT Sterling Commerce Inc., 2006, ALL RIGHTS RESERVED.
```

System Response
The system displays the Work with Automatic Notification panel (EDIX630-FMT01).

Tip
Another way to access the Work with Automatic Notification panel (EDIX630-FMT01) is to use the jump code feature by typing J AN or J 630 on the command line and pressing Enter.

Create an Automatic Notification Definition

Overview

The Work with Automatic Notification panel allows you to set up process names and methods by which to be notified when events happen in the Message Center.

Procedure

Use this procedure to create an automatic notification definition.

Step	Action
1	On the key entry line of the Work with Automatic Notification panel, type **1** (Create) in the Option field, a process name, command name, and return code. This information directly relates to the jobs logged in the Message Center. A value of *ALL can be specified for the process name to set up a notification action for any job run for the specified command. The return code can be the minimum return code for which a notification should be sent for the command and process specified. For this example, type **INB PROCESS PRCTRNIN** and **16** on the key entry line and press **Enter**.

```
EDIX630               Work with Automatic Notification          EDI 03/01/06
FMT01               pgmlib: G3X4PGM     dtalib: G3X4DTA             12:00:00

Position to Process ________________ Command ___________ Return Code __

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  6=Print  11=E-mail  12=Paging

    Process          Command     Rt                User
Opt Name             Name        Cd  E-mail Page Exit Description
1   INB PROCESS      PRCTRNIN    16
__  *ALL             PRCTRNIN    04    I     A    I   DEFAULT INBOUND PROCESS
__  *ALL             PRCTRNOUT   04    A     A    A   DEFAULT OUTBOUND PROCESS
__  OUT ASN          PRCTRNOUT   04    A     A        OUTBOUND SHIP NOTICES
__  OUT INVOICES     PRCTRNOUT   04    A     A        OUTBOUND INVOICES
__  PRGACK           PRGAUD      04    A              PURGING OF ACKNOWLEDGED

                                                                        Bottom
Parameters or command
===> __________________________________________________________________________
F1=Help  F3=Exit  F12=Cancel  F15=Sort  F23=More Options  F24=More Keys
```

System Response

The Automatic Notification Control panel (EDIX631-FMT01) displays.

Note

No two active automatic notification entries can have the same combination of process name, command name, and return code.

Defining the Automatic Notification Header

On the Automatic Notification Control panel, you will define the type of notification message that should be sent. Use this procedure to activate or de-activate the type of notification message to be sent when this situation occurs.

Step	Action

1	On the Automatic Notification Control panel (EDIX631-FMT01), enter **A** for Active, **I** for Inactive, or leave the default value blank for e-mail, paging, and user exit. Enter a description of the automatic notification.
	
	For this example, type **A** in the e-mail, paging, and user exit fields, and type **INBOUND PROCESS RTN=16** in the Description field.
	
	`EDIX631 Automatic Notification Control EDI 03/01/06`
	`FMT01 12:00:00`
	`Process: INB PROCESS Command: PRCTRNIN Return Code: 16`
	`E-mail . . . . . . . . . . . . . . A A=Active, I=Inactive`
	`Paging . . . . . . . . . . . . . . A A=Active, I=Inactive`
	`User Exit. . . . . . . . . . . . . A A=Active, I=Inactive`
	`Description. . . . . . . . . . . . INBOUND PROCESS RTN=16`
	`Update Allowed . . . . . . . . . . Y`
	`Last Update User . . . . . . . . . HDB`
	`Last Update Date . . . . . . . . . 02-28-06`
	`F1=Help F4=Prompt F5=Refresh F10=Update F12=Cancel F24=More Keys`
	
	Note
	A blank status prevents access to further define an e-mail, page, or user exit notification.
	
	Also, if the Asynch key is not activated, the paging status must remain blank. Paging requires the Async communications module to be enabled.

2	Press **F10** (Update) to create the Automatic Notification Control record and return to the Work with Automatic Notification panel (EDIX630-FMT01).

Scrolling through records

Function keys F16 and F17 provide the ability to scroll through and view the automatic notification definitions without toggling between EDIX630-FMT01 and EDIX631-FMT01.

Field descriptions

This table describes some of the fields on the Automatic Notification Control panel.

Field	Description
E-mail	Indicates whether E-mail Notification is activated. Valid values are: • blank (no access) • A (active) and • I (inactive). **Note** You will not be able to enter that specified program from the main Work with panel when the status is blank.
Paging	Indicates whether Paging Notification is activated. Valid values are: • blank (no access) • A (active) and • I (inactive). **Note** You will not be able to enter that specific program from the main Work with panel when the Status field is blank. If the Async key is not activated, the Paging status must remain blank. Paging requires the Async Communications Module to be enabled. (Continued on next page)

(Contd) Field	Description
User Exit	Indicates whether User Exit Notification is activated. Valid values are: • blank (no access) • A (active) and • I (inactive). **Note** You will not be able to enter that specific program from the main Work With panel when the status is blank.
Description	This field is used to describe the Automatic Notification record.
Update Allowed	Set this field to Y to allow updates to be made to this automatic notification record. Once defined, change to N to lock and prevent changes to any record in the notification profile.
Last Update User	The initials (User ID) of the user who made the last update to this information.
Last Update Date	The date on which the last update was made to this record.

Sort options

The system default sort order for the Work with Automatic Notification panel is Process Name, Command Name, Return Code. You can override the default sort order using the Set Auto Notification Sort option (SETAUTOSRT) on the System Configuration menu.

(Continued on next page)

Reference
See the System Configuration File chapter in the *Gentran:Server for iSeries Technical Reference Guide* for more information about working with the system configuration options.

Additional sort options are available to access the data in different orders by pressing F15 (Sort). The following sort options are available from the Work with Automatic Notification panel (EDIX630-FMT01):

- Process (Process Name), Command (Command Name), Return Code
- Process (Process Name), Return Code
- Command (Command Name), Return Code
- Return Code

Diagram

This diagram illustrates the sort feature. Press **F15** (Sort) on the Work with Automatic Notification panel (EDIX630-FMT01) to display the Sort window.

```
EDIX630               Work with Automatic Notification         EDI 03/01/06
FMT01               pgmlib: G3X4PGM     dtalib: G3X4DTA            12:00:00

Position to Process INB PROCESS       Command PRCTRNIN    Return Code 16

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  6=Print  11=E-mail  12=Paging

    Process           Command     Rt             User
Opt Name              Name        Cd  E-mail Page Exit Description
___ ________________  ___________ __
                                        A     A    A   INBOUND PROCESS   RTN=16
   Position/Sort By                     A     A        OUTBOUND SHIP NOTICES
                                        A     A        OUTBOUND INVOICES
   1=Select                             A              PURGING OF ACKNOWLEDGED

   _ Process/Command/Return Code
 _ _ Process/Return Code
 _1 Command/Return Code
 __ Return Code                                                          Bottom

   F3=Exit  F12=Cancel
                                      t  F23=More Options  F24=More Keys
```

Procedure

To select a sort option for the records set up in the Automatic Notification file, type **1** in the Option field next to the sort option you want to use and press **Enter**.

In this example, select the **Command/Return Code** sort option.

```
EDIX630                 Work with Automatic Notification           EDI 03/01/06
FMT01                 pgmlib: G3X4PGM     dtalib: G3X4DTA              12:00:00

Position to Command PRCTRNIN    Return Code 16

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  6=Print  11=E-mail  12=Paging

    Process          Command      Rt                User
Opt Name             Name         Cd  E-mail Page Exit Description

___ INB PROCESS      PRCTRNIN     16    A     A    A   INBOUND PROCESS    RTN=16
___ *ALL             PRCTRNOUT    04    A     A    A   DEFAULT OUTBOUND PROCESS
___ OUT ASN          PRCTRNOUT    04    A     A        OUTBOUND SHIP NOTICES
___ OUT INVOICES     PRCTRNOUT    04    A     A        OUTBOUND INVOICES
___ PRGACK           PRGAUD       04    A              PURGING OF ACKNOWLEDGED



                                                                        Bottom
Parameters or command
===> _________________________________________________________________________
F1=Help  F3=Exit  F12=Cancel  F15=Sort  F23=More Options  F24=More Keys
```

System Response

The automatic notification records are sorted by the selected option, with the appropriate keys highlighted.

Note

The Position To fields can be used to quickly access the information being searched. These fields will change according to the selected sort option.

E-mail Automatic Notification

Prepare to Use E-mail Automatic Notification

Overview

If you wish to use the e-mail feature of automatic notification, you will need to configure your iSeries to allow Internet addressing for the SNDDST command.

iSeries e-mail notification for automatic notification

Use this procedure to configure your system to use the e-mail portion of Automatic Notification.

Step	Action
1	Determine if you are already set-up for Internet addressing by typing the following command: **DSPDIRE USRID(Internet Gateway)** and press **Enter**. If the Display Directory Entry Details panel displays, Internet addressing is already configured, and you can skip to Step 3. Otherwise, continue with Step 2.
2	Type the following strings on a command line to allow for Internet addressing: a. **ADDDIRE USRID(INTERNET GATEWAY) USRD('Allow OfficeVision to send INTERNET Mail') SYSNAME(INTERNET) MSFSRVLVL(*USRIDX) PREFADR(NETUSRID *IBM ATCONTXT)** and press **Enter**. b. Type **CHGDSTA SMTPRTE(INTERNET GATEWAY)** and press **Enter**. **Notes** • You must have *SECADM authority to perform this step. • If you prompt the command ADDDIRE, press F9 (All Parameters) to access all parameters. (Continued on next page)

(Contd) Step	Action
3	**Important** You must have *SECADM authority to complete this step. Add an entry in the System Distribution Directory for *every user* that could *send* e-mail messages from Gentran. These users could be individuals that submit jobs, run jobs interactively, or schedule jobs that would result in a message being sent from the automatic notification module. To add an entry for a user profile, type the following command on the command line: **ADDDIRE USRID(TESTUSER TESTBOX) USRD('Testuser description') USER(TESTUSER)** where 'TESTUSER' is the user profile on the iSeries and 'TESTBOX' is the system name where the job will run and press **Enter**. **Note** If the user profile exceeds 8 bytes, use an abbreviated user ID in the USRID parameter that is 8 bytes or less and specify the user profile in the USER parameter.
4	In order for e-mail messages to be sent, your SMTP server must be running on your iSeries. a. Verify that it is running by typing the command **WRKSBSJOB SBS (QSYSWRK)** or **WRKACTJOB** on the command line and pressing **Enter**. b. Under the QSYSWRK subsystem, look for the jobs QTSMTPBRCL, QTSMTPBRSR, QTSMTPCLNT, and QTSMTPSRVR. If these jobs are listed, then your SMTP server is already running. If these jobs are not running, type the following on a command line to start the server: **STRTCPSVR SERVER(*SMTP)**. (Continued on next page)

(Contd) Step	Action
5	On the command line, type **DSPSYSVAL SYSVAL(QUTCOFFSET)** and press **Enter**. Verify that the QUTCOFFSET (Coordinated Universal Time Offset) system parameter is set correctly for your time zone. **Tip** Use the command WRKSYSVAL to change the value, if necessary. **Note** This step is necessary to ensure that the correct time is logged on the e-mail being sent. The system value QUTCOFFSET specifies the difference in hours and minutes between UTC (also known as Greenwich Mean Time) and the current system time. For example, for EST, specify a value of -05:00.

This completes the necessary steps to allow your iSeries to send Internet e-mail messages used in Automatic Notification.

Not receiving e-mail messages?

The e-mail portion of the automatic notification system uses the SNDDST command.

- If the SNDDST command ends in an error, review the job log on the iSeries to investigate the problem.
- If the SNDDST command is successful, there are two additional procedures you can perform on the iSeries to further assist in e-mail distribution:

1. Associate an individual's e-mail address to the User ID on a particular iSeries. This requires *SECADM authority.

Step	Action
1	Type **WRKDIRE** on the command line and press **Enter**.
2	Scroll down to the User ID and address of the entry that needs to be modified. Type 2 next to the User ID and press **Enter**.
3	Press **F19** to change the name for SMTP. **System Response** The message, "User ID/address does not exist in SMTP table" displays. Press **Enter** to add, or press **F12** to cancel.
4	Press **Enter**. **System Response** The Add Name for SMTP panel displays.
5	a. Type the SMTP User ID (this is the portion of the e-mail address that precedes the @ symbol). b. Type the SMTP domain (this is the portion of the e-mail address that follows the @ symbol) and press **Enter**. **System Response** The message, "SMTP table updates pending. Press Enter to update." displays on the Change Directory Entry panel.
6	Press **Enter** to update.

(Continued on next page)

2. If your iSeries does not serve as the mail server, you need to identify a mail router.

Step	Action
1	Type **CHGSMTPA** and press **Enter**.
2	Press **Page Down** to get the Mail Router prompt.
3	Type the name of the mail router for your company and press **Enter**.

Work with the Auto Notification E-mail Records

Overview

The Work with Auto Notification E-mail panel is used to define e-mail notifications for specific job occurrences. The system displays e-mail records for a specific Process/Command/Return Code (EDIX632-FMT01), or all e-mail notifications (EDIX632-FMT02) that are set up, depending on how the panel is accessed.

Work with the Auto Notification e-mail records

Use this procedure to work with e-mail records for notification profiles.

To work with e-mail records for all entries, on the Work with Automatic Notification panel (EDIX630-FMT01), type **11** (e-mail) in the Option field on the key entry line and press **Enter**, or type J EML on the command line and press Enter.

Tip
To work with e-mail records for a specific notification profile, on the Work with Automatic Notification panel (EDIX630-FMT01), type 11 (e-mail) in the Option field next to the processing job desired and press Enter .

```
EDIX630                   Work with Automatic Notification           EDI 03/01/06
FMT01                   pgmlib: G3X4PGM     dtalib: G3X4DTA              12:00:00

Position to Process                  Command               Return Code

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  6=Print  11=E-mail  12=Paging

    Process            Command      Rt              User
Opt Name               Name         Cd  E-mail Page Exit Description
11  ________________   ___________  ___
__  *ALL               PRCTRNIN     04    I     A    I   DEFAULT INBOUND PROCESS
__  *ALL               PRCTRNOUT    04    A     A    A   DEFAULT OUTBOUND PROCESS
__  INB PROCESS        PRCTRNIN     16    A     A    A   INBOUND PROCESS    RTN=16
__  OUT ASN            PRCTRNOUT    04    A     A        OUTBOUND SHIP NOTICES
__  OUT INVOICES       PRCTRNOUT    04    A     A        OUTBOUND INVOICES
__  PRGACK             PRGAUD       04    A              PURGING OF ACKNOWLEDGED

                                                                         Bottom
Parameters or command
===> __________________________________________________________________________
F1=Help  F3=Exit  F12=Cancel  F15=Sort  F23=More Options  F24=More Keys
```

(Continued on next page)

System Response

The Work with Auto Notification E-mail panel (EDIX632-FMTnn) displays.

```
EDIX632                Work with Auto Notification E-mail          EDI 03/01/06
FMT01                    pgmlib: G3X4PGM     dtalib: G3X4DTA            12:00:00

 Position to Process Name __________________     Command __________
              Return Code __                   Recipient _______________

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  14=Test E-mail
                                                             Send  Err  Addl
Opt Process Name    Command     Cd  Recipient        Type  Sts Header Dtl  Msg
__  _______________ ___________ __  _______________
__  *ALL            PRCTRNIN    04  EDI COORDINATOR  *PRI   A     Y    2    N
__  *ALL            PRCTRNOUT   04  RECEIVER         *PRI   A     Y    1    Y
__  *ALL            PRCTRNOUT   04  RECEIVER A       *CC    A     Y    1    Y
__  INB PROCESS     PRCTRNIN    16  RECEIVER         *PRI   A     Y    1    Y
__  INB PROCESS     PRCTRNIN    16  RECEIVER A       *PRI   A     Y    1    Y
__  OUT ASN         PRCTRNOUT   04  RECEIVER         *PRI   A     Y    1    N
__  OUT ASN         PRCTRNOUT   04  RECEIVER A       *CC    A     Y    1    Y
__  OUT INVOICES    PRCTRNOUT   04  RECEIVER         *PRI   A     Y    1    N
                                                                       More...
Parameters or command
===> _________________________________________________________________________
F1=Help  F7=Paging  F8=User Exit  F12=Cancel  F15=Sort  F24=More Keys
```

Field descriptions for the Work with Auto Notification E-mail panel

This table describes the fields on the Auto Notification E-mail panel.

<table>
<tr><th>Field</th><th colspan="2">Description</th></tr>
<tr><td>Process Name</td><td colspan="2">Only shown when accessed for all entries. This is a 15-byte name given to the job at the time the command was initiated. This field can be used to help further identify the job that is running.</td></tr>
<tr><td>Command</td><td colspan="2">Only shown when accessed for all entries. The Gentran command name that was processed.</td></tr>
<tr><td rowspan="7">Cd (Return Code)</td><td colspan="2">Only shown when accessed for all entries. This is the minimum return code from the overall job that was processed for which you want a notification alert sent.

The following are valid return codes:</td></tr>
<tr><td>Return Code</td><td>Description</td></tr>
<tr><td>00</td><td>The job ended successfully without any problems.</td></tr>
<tr><td>04</td><td>The job ended with an informational message.</td></tr>
<tr><td>08</td><td>The job ended with a warning.</td></tr>
<tr><td>12</td><td>The job ended with an error.</td></tr>
<tr><td>16</td><td>The job aborted.</td></tr>
<tr><td>Recipient</td><td colspan="2">This is a 15-byte alphanumeric field identifying the person who will be the recipient of the e-mail.</td></tr>
<tr><td>Type</td><td colspan="2">This field is for identifying the type of e-mail that should be sent to the recipient.

Valid values are

*PRI – Primary Recipient
*CC – Carbon Copy
*BCC – Blind Carbon Copy</td></tr>
</table>

(Continued on next page)

(Contd) Field	Description
Sts (status)	This is a 1-byte alphabetic field designating the status of the e-mail record. Valid values are A (active) and I (inactive). Only active e-mail records are sent.
Send Header	A 1-byte field designating whether the header text should be sent when the e-mail is sent to the specified recipient. The header info consists of the process name, command name, the ending return code from the job run, and message center sequence number. Valid values are Y (yes) and N (no).
Err Dtl (error detail)	This is a 2-digit numeric field that identifies the total number of detail error messages that should be sent in the e-mail message. The valid values are 0-10. These detail error messages are the messages that are logged into the message center.
Addl Msg (additional message)	A 1-byte field identifying whether additional message text should be sent in the e-mail at the end of the message being sent. Valid values are Y (yes) and N (no).

Sort options

The system default sort order for the Work with Auto Notification E-mail panel is Process Name, Command Name, Return Code, Recipient.

Additional sort options are available to access the data in a different order. The following sort options are available on the Work with Auto Notification E-mail panel (EDIX632-FMT02):

- Process (Process Name), Cmd (Command Name), Cd (Return Code), Recip (Recipient)
- Process (Process Name), Return Cd (Return Code)
- Command (Command Name), Return Cd (Return Code), and
- Return Cd (Return Code).

Diagram

This diagram illustrates the sort feature. Press **F15** (Sort) to display the Sort window.

```
EDIX632              Work with Auto Notification E-mail         EDI 03/01/06
FMT01               pgmlib: G3X4PGM     dtalib: G3X4DTA             12:00:00

 Position to Process Name _____________________Command ___________
                Return Code __                Recipient __________________

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  14=Test E-mail
                                                          Send  Err  Addl
Opt Process Name    Command     Cd  Recipient        Type  Sts Header Dtl  Msg

__  _______________________________  ___  _______________
__                                  04  EDI COORDINATOR  *PRI   A     Y     2    N
__  Position/Sort By                04  RECEIVER         *PRI   A     Y     1    Y
__                                  04  RECEIVER A       *CC    A     Y     1    Y
__  1=Select                        16  RECEIVER         *PRI   A     Y     1    Y
__                                  16  RECEIVER A       *PRI   A     Y     1    Y
__  _ Process/Cmd/Cd/Recip          04  RECEIVER         *PRI   A     Y     1    N
__  _ Process/Return Cd             04  RECEIVER A       *CC    A     Y     1    Y
__  1 Command/Return Cd             04  RECEIVER         *PRI   A     Y     1    N
    _ Return Cd                                                           More...

    F3=Exit  F12=Cancel
                                 it  F12=Cancel  F15=Sort  F24=More Keys
```

Procedure

To select a sort option for the e-mail records set up in the Automatic Notification file, type **1** in the Option field next to the sort option you want to use and press **Enter**.

For this example, select the **Command/Return Cd** sort option.

```
EDIX632              Work with Auto Notification E-mail         EDI 03/01/06
FMT01              pgmlib: G3X4PGM     dtalib: G3X4DTA              12:00:00

 Position to  Command     __________
              Return Code __

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  14=Test E-mail
                                                          Send  Err  Addl
Opt Process Name    Command     Cd  Recipient        Type  Sts Header Dtl  Msg

__  _______________ __________  __  _______________
__  *ALL            PRCTRNIN    04  EDI COORDINATOR  *PRI   A      Y    2    N
__  INB PROCESS     PRCTRNIN    16  RECEIVER         *PRI   A      Y    1    Y
__  INB PROCESS     PRCTRNIN    16  RECEIVER A       *PRI   A      Y    1    Y
__  *ALL            PRCTRNOUT   04  RECEIVER         *PRI   A      Y    1    Y
__  *ALL            PRCTRNOUT   04  RECEIVER A       *CC    A      Y    1    Y
__  OUT ASN         PRCTRNOUT   04  RECEIVER         *PRI   A      Y    1    N
__  OUT ASN         PRCTRNOUT   04  RECEIVER A       *CC    A      Y    1    Y
__  OUT INVOICES    PRCTRNOUT   04  RECEIVER         *PRI   A      Y    1    N
                                                                       More...
Parameters or command
===> __________________________________________________________________________
F1=Help  F7=Paging  F8=User Exit  F12=Cancel  F15=Sort  F24=More Keys
```

System Response

The e-mail records are sorted by the selected option, with the appropriate keys highlighted.The Position To fields can be used to quickly access the information being searched. These fields will change according to the selected sort option.

Create a new e-mail notification record

Use this procedure to define a new e-mail notification record.

Step	Action
1	On the Work with Automatic Notification panel (EDIX630-FMT01), type **11** (E-mail) in the Option field next to a specific entry (INB PROCESS PRCTRNIN 16) , and press Enter.

```
EDIX630                 Work with Automatic Notification          EDI 03/01/06
FMT01                 pgmlib: G3X4PGM     dtalib: G3X4DTA             12:00:00

Position to Process ________________ Command ___________ Return Code __

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  6=Print  11=E-mail  1 =Paging

    Process           Command     Rt          User
Opt Name              Name        Cd  E-mail Page Exit Description
__  ________________  ___________ __
__  *ALL              PRCTRNIN    04    I     A    I   DEFAULT INBOUND PROCESS
__  *ALL              PRCTRNOUT   04    A     A    A   DEFAULT OUTBOUND PROCESS
11  INB PROCESS       PRCTRNIN    16    A     A    A   INBOUND PROCESS    RTN=16
__  OUT ASN           PRCTRNOUT   04    A     A        OUTBOUND SHIP NOTICES
__  OUT INVOICES      PRCTRNOUT   04    A     A        OUTBOUND INVOICES
__  PRGACK            PRGAUD      04    A              PURGING OF ACKNOWLEDGED

                                                                        Bottom
Parameters or command
===> _________________________________________________________________________
F1=Help  F3=Exit  F12=Cancel  F15=Sort  F23=More Options  F24=More Keys
```

System Response

The Work with Auto Notification E-mail panel (EDIX632-FMTnn) displays.

```
EDIX632                Work with Auto Notification E-mail        EDI 03/01/06
FMT01                 pgmlib: G3X4PGM     dtalib: G3X4DTA             12:00:00
            Process:  INB PROCESS              Command:  PRCTRNIN
            Return Code:    16                 E-mail Status:  A

Position to Recipient. . . . . .  ___________________

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View
                                          Send     Error     Addl
Opt  Recipient          Type     Sts     Header   Detail    Msg
 1   RECEIVER_________
__   RECEIVER A         *PRI      A        Y         1        Y

                                                                        Bottom
Parameters or command
===> ________________________________________________________________________
F1=Help  F7=Paging  F8=User Exit  F12=Cancel  F14=Test  F24=More Keys
```

(Continued on next page)

(Contd) Step	Action
2	On the key entry line, type **1** in the Option field and type the name of the recipient the e-mail message will be sent to, **RECEIVER**, in the recipient field, and press **Enter**. The recipient can be a nickname up to 15 characters long and does not have to correspond to the iSeries user ID or e-mail address at all. It is not validated. **System Response** The Auto Notification E-mail Control panel (EDIX633-FMT01) displays.

```
EDIX633              Auto Notification E-mail Control          EDI 03/01/06
FMT01                                                              12:00:00
      Process:  INB PROCESS          Command:  PRCTRNIN
    Recipient:  RECEIVER             Return Code:  16       E-mail Status:  A

  Status . . . . . . . . . . . . .   A            A=Active, I=Inactive

  E-mail Address . . . . . . . . .   GENTRAN@STERCOMM.COM



  Recipient Type . . . . . . . . .   *PRI         *PRI, *CC, *BCC
  E-mail Subject . . . . . . . . .   GENTRAN: INB PROCESSING RTNCDE = 16
  Send Header Information. . . . .   Y            N, Y
  Error Detail Records to Send . .   01           00-10

  Additional Message . . . . . . .   AUTO NOTIFICATION ALERT



 F1=Help  F4=Prompt  F10=Update  F12=Cancel  F14=Test  F24=More Keys
```

(Continued on next page)

(Contd) Step	Action
3	On this panel, enter the details about the e-mail notification definition. For this sample e-mail definition, enter the following: a. Type **A** (active) in the Status field to activate the e-mail definition. b. Type the complete e-mail address of the person who will be receiving this notification message in the e-mail address field. c. Accept the default value of ***PRI** for the Recipient Type field to indicate the person receiving this e-mail notification is the primary recipient. d. Type a subject for the e-mail in the E-mail Subject field. e. Type **Y** for the Sender Header Information field to indicate header text will be sent with the e-mail. f. Type **1** for the Error Detail Records to Send field. g. Type any additional messages you want to send in the Additional Message field. h. Press **F10** (Update) to create the e-mail notification record and to return to the Work with Auto Notification E-mail panel (EDIX632-FMTnn).
4	Press **F14** (Test) to test the delivery of the e-mail notification to the recipient. If on EDIX632-FMT02, use option 14 (Test E-mail) beside the recipient you just created.

Scroll through records

Function keys F16 and F17 provide the ability to scroll through and view e-mail definitions without toggling between EDIX632-FMTnn and EDIX633-FMT01.

Field descriptions

This table describes the fields on the Auto Notification E-mail Control panel (EDIX633-FMT01).

Field	Description
Status	This field indicates the status of each individual e-mail notification record set up under a Process/Command/ Return Code entry. Only active e-mail records are sent.
E-mail Address	Enter the full e-mail address of the person who will be receiving this e-mail notification message.
Recipient Type	This field indicates the type of e-mail message that should be sent to the recipient. The default is *PRI. Valid values are: • *PRI – Primary Recipient • *CC – Carbon Copy • *BCC – Blind Carbon Copy **Note** The e-mail address will be sent in either the To, CC, or BCC fields of an e-mail based on the type selected. However, only one e-mail address per record can be used; recipients will not be able to see the other recipients who might have received a notification.
E-mail Subject	This is a 42-byte alphanumeric field for entering a subject of the notification message to be sent. This will display as the subject text when the e-mail is received.
Send Header Information	This field designates whether the header text should be sent with the e-mail. The header information identifies the process job that is causing the notification to be sent, which includes the process name, command, return code, and message center sequence number. (Continued on next page)

(Contd) Field	Description
Error Detail Records to Send	This is a 2-digit numeric field that identifies the total number of detail error messages that occurred during the processed job that are triggering this notification that should be sent in the e-mail. These records come from the message center. **Note** If Send Header Information is N, then you must send at least 1 detail error message or the additional message field so the e-mail has text content.
Additional Message	This is a 200-byte alphanumeric field that contains additional text that will be sent at the end of the e-mail content.

Test single e-mail notification records

Use this procedure to run a single e-mail notification test for a specific processing job and recipient.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>On the Work with Automatic Notification panel (EDIX630-FMT01), enter 11 (e-mail) in the Option field on the key entry line and press Enter.</td></tr>
<tr><td>2</td><td>Type 14 (Test E-mail) next to the processing job you want to run the
e-mail test on and press Enter. The status of the e-mail record needs to be A (active) in order to be sent.
<pre>
EDIX632   Work with Auto Notification E-mail   EDI 03/01/06
FMT01   pgmlib: G3X4PGM   dtalib: G3X4DTA   12:00:00

 Position to Process Name __________________   Command ___________
              Return Code __   Recipient ________________

Type option (and Information), press Enter.
  1=Create 2=Revise 3=Copy 4=Delete 5=View 14=Test E-mail
                                                                Send Err Addl
Opt Process Name   Command   Cd Recipient   Type Sts Header Dtl Msg

__ _______________ __________ __ _______________
__ *ALL   PRCTRNIN   04 EDI COORDINATOR *PRI A   Y   2   N
__ *ALL   PRCTRNOUT 04 RECEIVER   *PRI A   Y   1   Y
__ *ALL   PRCTRNOUT 04 RECEIVER A   *CC   A   Y   1   Y
14 INB PROCESS   PRCTRNIN   16 RECEIVER   *PRI A   Y   1   Y
__ INB PROCESS   PRCTRNIN   16 RECEIVER A   *PRI A   Y   1   Y
__ OUT ASN   PRCTRNOUT 04 RECEIVER   *PRI A   Y   1   N
__ OUT ASN   PRCTRNOUT 04 RECEIVER A   *CC   A   Y   1   Y
__ OUT INVOICES   PRCTRNOUT 04 RECEIVER   *PRI A   Y   1   N
                                                                       More...
Parameters or command
===> ____
F1=Help F7=Paging F8=User Exit F12=Cancel F15=Sort F24=More Keys
</pre>
System Response
An e-mail notification will be sent to the recipient if the test was successful.</td></tr>
</table>

Alternative method for testing single e-mail notification records

Use this alternative procedure to run a single e-mail notification test for a specific processing job and recipient.

Step	Action
1	On the Work with Auto Notification E-mail panel (EDIX632-FMT02), enter **2** (Revise) in the Option field next to a specific e-mail notification (INB PROCESS PRCTRNIN 16 RECEIVER) and press **Enter**. **System Response** The Auto Notification E-mail Control panel (EDIX633-FMT01) displays.
2	Press **F14** (Test). (screen shown below) **Note** The e-mail status on an individual level must be A (active) to run the test job.

```
EDIX633                Auto Notification E-mail Control          EDI 03/01/06
FMT01                                                                12:00:00
      Process:  INB PROCESS            Command:   PRCTRNIN
    Recipient:  RECEIVER               Return Code:  16       E-mail Status:  A

  Status . . . . . . . . . . . . .    A             A=Active, I=Inactive

  E-mail Address . . . . . . . . .    GENTRAN@STERCOMM.COM

  Recipient Type . . . . . . . . .    *PRI          *PRI, *CC, *BCC
  E-mail Subject . . . . . . . . .    GENTRAN: INB PROCESSING RTNCDE = 16
  Send Header Information. . . . .    Y             N, Y
  Error Detail Records to Send . .    01            00-10

  Additional Message . . . . . . .    AUTO NOTIFICATION ALERT

F1=Help   F4=Prompt   F10=Update   F12=Cancel   F14=Test   F24=More Keys
```

Test all e-mail notifications set up under a specific processing job

Use this procedure to test all the e-mail notifications set up under a specific processing job.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>On the Work with Automatic Notification panel (EDIX630-FMT01), enter 11 (e-mail) on the Option field next to a processing job you want to test.</td></tr>
<tr><td>2</td><td>Press F14 (Test). If the test was successful, e-mail notifications will be sent to all the recipients with an active status set up for this processing job. In this example, an e-mail notification will be sent to the recipient named RECEIVER.
<pre>
EDIX632   Work with Auto Notification E-mail   EDI 03/01/06
FMT01   pgmlib: G3X4PGM   dtalib: G3X4DTA   12:00:00
           Process: INB PROCESS   Command: PRCTRNIN
           Return Code: 16   E-mail Status: A

Position to Recipient. . . . . . ______________________

Type option (and Information), press Enter.
  1=Create 2=Revise 3=Copy 4=Delete 5=View
                                       Send   Error   Addl
Opt Recipient   Type   Sts   Header   Detail   Msg
__   _____________
__   RECEIVER   *PRI   A   Y   1   Y
__   RECEIVER A   *PRI   A   Y   1   Y

                                                                     Bottom
Parameters or command
===> ____
F1=Help F7=Paging F8=User Exit F12=Cancel F14=Test F24=More Keys
</pre>
Note
The e-mail status must on an individual level must be A (active) to run the test job.</td></tr>
</table>

Copy Auto Notification E-mail Definitions

Overview In this task, you will copy an existing e-mail definition into a new e-mail definition.

Procedure Use this procedure to copy an e-mail definition.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>On the Work with Auto Notification e-mail panel (EDIX632-FMTnn), type 3 (Copy) in the Option field next to the e-mail definition you want to copy (INB PROCESS PRCTRNIN 16 RECEIVER) and press Enter.

System Response
The system displays a Copy To window.
<pre>
EDIX632   Work with Auto Notification E-mail   EDI 03/01/06
FMT01   pgmlib: G3X4PGM   dtalib: G3X4DTA   12:00:00
           Process: INB PROCESS   Command: PRCTRNIN
           Return Code: 16   E-mail Status: A

Position to Recipient. . . . . . ________________

Type option (and Information), press Enter.
  1=Create 2=Revise 3=Copy 4=Delete 5=View
                                            Send   Error   Addl
Opt Recipient   Type   Sts   Header   Detail   Msg
___ _________________
3_   RECEIVER   *PRI   A   Y   1   Y
    Copy To
     RECEIVER A_______
    F3=Exit F12=Cancel
                                                                          om
Parameters or command
===> ____
F1=Help F7=Paging F8=User Exit F12=Cancel F14=Test F24=More Keys
</pre></td></tr>
<tr><td>2</td><td>Type a new recipient name (RECEIVER A) and press Enter.

System Response
The Auto Notification E-mail Control panel (EDIX633-FMT01) displays. You can modify the field values (such as the e-mail address).</td></tr>
<tr><td>3</td><td>Press F10 (Update). This action creates a new e-mail definition.</td></tr>
</table>

Paging Automatic Notification

Prepare to Use Paging Automatic Notification

Overview

Automatic Notification uses the Gentran:Server Async communications add-on module to send notifications to pagers using the Telocator Alphanumeric Protocol (TAP) Nearly all paging systems in the U.S. and a large percentage of those elsewhere provide public access TAP connectivity.

The Gentran:Server Async communications module must be activated in order to use the paging function. If you want to send pager notifications and do not have the asynch comm module yet, contact your sales representative. You will need to have a unique communications profile set up for each paging company that you will be sending pages through.

Minimum requirements

In order to use the automatic paging notification feature, you must have the following:

- Gentran:Server Async Communications Module
- Async modem such as IBM 7852-400 Options modem that is attached to the iSeries and is assigned an HDWE resource name
- Telephone line.

Recommendation

To avoid resource contention and ensure that the paging facility can function when needed, the communications port, modem, and phone line should be dedicated to the paging function and not used for other purposes.

Activate Async module

Once you have purchased the Async Communications add-on module, you will be given a software activation key. To activate, prompt the command ACTASCLU62 from the command line using the **F4** (Prompt) key. Type the software activation key exactly as given, including spaces, and press **Enter**.

Offline preparation

Obtain TAP information

You will need to contact the paging company to obtain the TAP number (sometimes called modem access number) for the pager that will be used in the Paging notification. This number provides our communications software ability to access the pager. Without this number, or with an incorrect number, the communications session will end abnormally and the page will not be sent successfully.

Note

The pager ID number for use with TAP may or may not be the same as the phone number you would dial to send a page manually from a telephone. When you contact your paging company, be sure to obtain both:

- TAP number/modem access number which is the telephone number of the TAP paging terminal in your area
- Pager ID number which identifies your specific pager, and make sure it is the appropriate number for use with TAP.

Communications profile configuration for paging

Once the TAP number is obtained, you will create a communications profile (with protocol = ASC) for that pager. You can either create a new profile or copy/modify an existing paging profile. In all cases, you need to modify the profile with the following information:

- The Modem Port for the resource name on your iSeries,
- The Dial number for the TAP/modem number for the pager you are using (including a 9 to dial out, if needed on your box).

Press **F10** (Update) to create/update the profile information as well as to create/revise the OS/400 objects needed for the communication session, which includes the line, controller, and device descriptions.

The following profiles have been provided in our data and sample libraries.

Profile	Description	Protocol	Script
PGAMERTC	Ameritech	ASC	P1
PGARCH	Arch Wireless	ASC	P1
PGMCI	Skytel/MCI	ASC	P1
PGPAGNET	Pagenet	ASC	P1
PGVERIZN	Verizon Wireless	ASC	P1
PGWEBLNK	Weblink Pagemart	ASC	P1

Revise a profile for paging

Use this procedure to revise an existing communications profile for paging.

Note
When copying or modifying a paging profile, you will need to modify a minimum of two fields. The modem port and the dial number should be replaced with the correct modem port and TAP number/modem access number.

Step	Action
1	In the Modem Port field, enter the appropriate modem port for your system.
2	In the Dial field, enter the TAP number obtained from the paging company.
3	Press **F10** to update the profile and create the necessary OS/400 objects for the line, controller and device description.

Reference
To learn more about creating, copying, and revising communications profiles and scripts, see the "Using Communications" chapter of the *Gentran:Server for iSeries Communications Guide*.

Reference
To learn more about Async communications setup, see the Asynchronous Communication Support chapter of the *Gentran:Server for iSeries Communications Guide*.

Common paging problems

If you experience paging problems, consult this table for possible solutions.

Problem	Explanation or Solution
"My communications session failed. "	• Verify the TAP number/modem access number is correct. • If you are paging a numeric pager, verify the information being sent is a numeric page (for example, send header = N). • An incorrect pager number was entered.
"My communications session completed, but I did not receive a page."	The pager that was to receive the page was in an area that was out of range.

Tip
If you are receiving CPA5714 messages, add this message to the system reply list entry as follows: **ADDRPYLE SEQNBR(999) MSGID(CPA5714) CMPDTA(PG 16) RPY(R)**, where 999 is the sequence number of your choice, and PG represents the first two characters of the communications profile(s) used for paging.

Auto Notification Paging Records

Overview

The Work with Auto Notification Paging panel is used to define paging entries for specific job occurrences. The system displays Paging records for a specific Process/Command/Return Code (EDIX634-FMT01), or all paging notifications (EDIX634-FMT02) that are set up, depending upon how the program is accessed.

Work with the Auto Notification paging records

Use this procedure to work with paging records for notification profiles.

To work with pager records for all entries, on the Work with Automatic Notification panel (EDIX630-FMT01), type **12** (Paging) in the Option field on the key entry line and press **Enter**. Optionally, you can type J PAG on the command line and press Enter.

Tip

To work with paging records for a *specific* notification profile, on the Work with Automatic Notification panel (EDIX630-FMT01), type 12 (Paging) in the Option field next to a specific processing job and press Enter.

```
EDIX630                Work with Automatic Notification          EDI 03/01/06
FMT01                pgmlib: G3X4PGM     dtalib: G3X4DTA             12:00:00

Position to Process ________________ Command ___________ Return Code __

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  6=Print  11=E-mail  12=Paging

    Process           Command      Rt               User
Opt Name              Name         Cd  E-mail Page Exit Description
12  ________________ ___________ __
__  *ALL              PRCTRNIN     04    I     A    I   DEFAULT INBOUND PROCESS
__  *ALL              PRCTRNOUT    04    A     A    A   DEFAULT OUTBOUND PROCESS
__  INB PROCESS       PRCTRNIN     16    A     A    A   INBOUND PROCESS   RTN=16
__  OUT ASN           PRCTRNOUT    04    A     A        OUTBOUND SHIP NOTICES
__  OUT INVOICES      PRCTRNOUT    04    A     A        OUTBOUND INVOICES
__  PRGACK            PRGAUD       04    A              PURGING OF ACKNOWLEDGED

                                                                         Bottom
Parameters or command
===> __________________________________________________________________________
F1=Help  F3=Exit  F12=Cancel  F15=Sort  F23=More Options  F24=More Keys
```

(Continued on next page)

System Response

The Work with Auto Notification Paging panel (EDIX634-FMT02) displays.

```
EDIX634               Work with Auto Notification Paging         EDI 03/01/06
FMT02                pgmlib: G3X4PGM     dtalib: G3X4DTA             12:00:00

 Position to Process Name __________________ Command   _____________
             Return Code __                  Recipient __________________

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  14=Test Paging
                                                         Comm          Pager
Opt Process Name     Command     Cd  Recipient        Sts  Profile   SN  Type

__  _______________  ___________ __  ________________
__  *ALL             PRCTRNIN    04  ON CALL            A  PGPAGNET  P1    A
__  *ALL             PRCTRNOUT   04  RECEIVER           A  PGPAGNET  P1    N
__  *ALL             PRCTRNOUT   04  RECEIVER A         A  PGPAGNET  P1    N
__  INB PROCESS      PRCTRNIN    16  RECEIVER           A  PGPAGNET  P1    N
__  INB PROCESS      PRCTRNIN    16  RECEIVER A         A  PGPAGNET  P1    N
__  OUT ASN          PRCTRNOUT   04  RECEIVER           A  PGPAGNET  P1    N
__  OUT ASN          PRCTRNOUT   04  RECEIVER A         A  PGPAGNET  P1    N
__  OUT INVOICES     PRCTRNOUT   04  RECEIVER           A  PGPAGNET  P1    N
                                                                       More...
Parameters or command
===> __________________________________________________________________________
F1=Help  F7=E-mail  F8=User Exit  F12=Cancel  F15=Sort  F24=More Keys
```

Field descriptions

Field descriptions for the Work with Auto Notification Paging panel.

Field	Description
Process Name	Only shown on EDIX634-FMT02, when accessed for all entries. This is a 15-byte name given to the job at the time the command was initiated. This field can be used to help further identify the job that is running.
Command	Only shown on EDIX634-FMT02, when accessed for all entries.The Gentran command name that was processed. (Continued on next page)

<table>
<tr><th>(Contd)
Field</th><th colspan="2">Description</th></tr>
<tr><td rowspan="7">Cd (Return Code)</td><td colspan="2">Only shown on EDIX634-FMT02, when accessed for all entries. This is the minimum return code for the overall job that was processed for which you want a notification alert sent.

The following are valid return codes:</td></tr>
<tr><td>Return Code</td><td>Description</td></tr>
<tr><td>00</td><td>The job ended successfully without any problems.</td></tr>
<tr><td>04</td><td>The job ended with an informational message.</td></tr>
<tr><td>08</td><td>The job ended with a warning.</td></tr>
<tr><td>12</td><td>The job ended with an error.</td></tr>
<tr><td>16</td><td>The job aborted.</td></tr>
<tr><td>Recipient</td><td colspan="2">This is a 15-position alphanumeric field identifying the person who will be the recipient of this page.</td></tr>
<tr><td>Sts (status)</td><td colspan="2">This is a 1-byte alphanumeric field designating the status of the pager record.

Valid values are A (active) and I (inactive).

Only active pager records will be sent.</td></tr>
<tr><td>Comm Profile</td><td colspan="2">An 8-position alphanumeric field identifying the communications profile ID that should be used to send this page.</td></tr>
<tr><td>SN (session name)</td><td colspan="2">A 2-position alphanumeric field used to identify the script session name that should be invoked for the page, such as PI.</td></tr>
<tr><td>Pager ID Number</td><td colspan="2">This is the recipient’s pager number (only shown on EDIX634-FMT01).</td></tr>
<tr><td>Pager Type</td><td colspan="2">This field identifies the type of pager being used.

Valid values are A for alphanumeric or N for a numeric type pager.

If a numeric message is defined, N is shown. Otherwise, A is shown.</td></tr>
</table>

Sort options

The system default sort order for the Work with Auto Notification Paging panel is Process Name, Command Name, Return Code, Recipient.

Additional sort options are available to access the data in a different order. The following sort options are available on the Work with Auto Notification Paging panel (EDIX634-FMT02).

- Process (Process Name), Cmd (Command Name), Cd (Return Code), Recip (Recipient)
- Process (Process Name), Return Cd (Return Code)
- Command (Command Name), Return Cd (Return Code)
- Return Cd (Return Code)

Diagram

This diagram illustrates the sort feature. Press **F15** (Sort) to display the Sort window.

```
EDIX634               Work with Auto Notification Paging          EDI 03/01/06
FMT02                pgmlib: G3X4PGM     dtalib: G3X4DTA              12:00:00

 Position to Process Name _________________  Command    ____________
             Return Code __                  Recipient  __________________

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  14=Test Paging
                                                     Comm           Pager
Opt Process Name    Command     Cd  Recipient    Sts Profile   SN   Type
___ _______________ ___________ __  ________________
                                04  ON CALL       A  PGPAGNET  P1    A
   Position/Sort By             04  RECEIVER      A  PGPAGNET  P1    N
                                04  RECEIVER A    A  PGPAGNET  P1    N
   1=Select                     16  RECEIVER      A  PGPAGNET  P1    N
                                16  RECEIVER A    A  PGPAGNET  P1    N
   _ Process/Cmd/Cd/Recip       04  RECEIVER      A  PGPAGNET  P1    N
   _ Process/Return Cd          04  RECEIVER A    A  PGPAGNET  P1    N
   1 Command/Return Cd          04  RECEIVER      A  PGPAGNET  P1    N
   _ Return Cd                                                     More...

   F3=Exit  F12=Cancel
                               it  F12=Cancel  F15=Sort  F24=More Keys
```

Procedure

Use this procedure to use the sort feature.

To select a sort option for the paging records set up in the Automatic Notification file, type **1** in the Option field next to the sort option you want to use and press **Enter**.

In this example, select the **Command/Return Cd** sort option.

System Response

The paging records display, sorted by the selected option, with the appropriate keys highlighted.

```
EDIX634              Work with Auto Notification Paging          EDI 03/01/06
FMT02               pgmlib: G3X4PGM     dtalib: G3X4DTA              12:00:00

 Position to  Command      ________________
              Return Code __

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  14=Test Paging
                                                         Comm           Pager
Opt Process Name    Command     Cd  Recipient        Sts  Profile   SN  Type
__  _______________ __________  __  _______________
__  *ALL            PRCTRNIN    04  ON CALL           A   PGPAGNET  P1   A
__  INB PROCESS     PRCTRNIN    16  RECEIVER          A   PGPAGNET  P1   N
__  INB PROCESS     PRCTRNIN    16  RECEIVER A        A   PGPAGNET  P1   N
__  *ALL            PRCTRNOUT   04  RECEIVER          A   PGPAGNET  P1   N
__  *ALL            PRCTRNOUT   04  RECEIVER A        A   PGPAGNET  P1   N
__  OUT ASN         PRCTRNOUT   04  RECEIVER          A   PGPAGNET  P1   N
__  OUT ASN         PRCTRNOUT   04  RECEIVER A        A   PGPAGNET  P1   N
__  OUT INVOICES    PRCTRNOUT   04  RECEIVER          A   PGPAGNET  P1   N
                                                                       More...
Parameters or command
===> _________________________________________________________________________
F1=Help  F7=E-mail  F8=User Exit  F12=Cancel  F15=Sort  F24=More Keys
```

Tip

The Position To fields can be used to quickly access the information being searched.

Create a new paging notification record

Use this procedure to define a new paging notification record.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>On the Work with Automatic Notification panel (EDIX630-FMT01), type 12 (Paging) in the Option field next to a specific entry (INB PROCESS PRCTRNIN 16) or on the key entry line for all entries and press Enter.
<pre>
EDIX630   Work with Automatic Notification   EDI 03/01/06
FMT01   pgmlib: G3X4PGM   dtalib: G3X4DTA   12:00:00

Position to Process ________________ Command ___________ Return Code __

Type option (and Information), press Enter.
  1=Create 2=Revise 3=Copy 4=Delete 5=View 6=Print 11=E-mail 12=Paging

    Process   Command   Rt   User
Opt Name   Name   Cd E-mail Page Exit Description
__ _______________   ___________ __
__ *ALL   PRCTRNIN   04   I   A   I   DEFAULT INBOUND PROCESS
__ *ALL   PRCTRNOUT   04   A   A   A   DEFAULT OUTBOUND PROCESS
12 INB PROCESS   PRCTRNIN   16   A   A   A   INBOUND PROCESS   RTN=16
__ OUT ASN   PRCTRNOUT   04   A   A   OUTBOUND SHIP NOTICES
__ OUT INVOICES   PRCTRNOUT   04   A   A   OUTBOUND INVOICES
__ PRGACK   PRGAUD   04   A   PURGING OF ACKNOWLEDGED

                                                                   Bottom
Parameters or command
===> ____
F1=Help F3=Exit F12=Cancel F15=Sort F23=More Options F24=More Keys
</pre>
System Response
The Work with Auto Notification Paging panel (EDIX634-FMTnn) displays.
<pre>
EDIX634   Work with Auto Notification Paging   EDI 03/01/06
FMT01   pgmlib: G3X4PGM   dtalib: G3X4DTA   12:00:00
            Process: INB PROCESS   Command: PRCTRNIN
            Return Code: 16   Paging Status: A

Position to Recipient. . . . . . _______________________

Type option (and Information), press Enter.
  1=Create 2=Revise 3=Copy 4=Delete 5=View
                           Comm   Pager   Pager
Opt Recipient   Sts   Profile   SN   ID Number   Type
1   RECEIVER_______

                                                                 Bottom
Parameters or command
===> ____
F1=Help F7=E-mail F8=User Exit F12=Cancel F14=Test F24=More Keys
</pre>
(Continued on next page)</td></tr>
</table>

<table>
<tr><th>(Contd)
Step</th><th>Action</th></tr>
<tr><td>2</td><td>

On the key entry line, type **1** in the Option field and type the name of the recipient the Paging message will be sent to, **RECEIVER,** in the recipient field, and press **Enter**.

The recipient can be a nickname up to 15 characters long and does not have to correspond to the iSeries user ID. It is not validated.

System Response

The Auto Notification Paging Control panel (EDIX635-FMT01) displays.

<pre>
EDIX635   Auto Notification Paging Control   EDI 03/01/06
FMT01   12:00:00
        Process: INB PROCESS   Command: PRCTRNIN
      Recipient: RECEIVER   Return Code: 16   Paging Status: A

  Status . . . .   A   A=Active, I=Inactive
  Communication Profile. . . . . .   PGPAGNET
  Session Name P1
  Pager Phone Number   5550187
  Communication Trace. . . . . . .   N   N, Y
  Rerun Attempts   00   00-99

  Numeric Paging Information:
    Numeric Message.   6515121

  Alphanumeric Paging Information:
    Send Header Information. . . .   _   N, Y
    Error Detail Records to Send .   00   00-10
    Additional Message . . . . . .

F1=Help F4=Prompt F10=Update F12=Cancel F14=Test F24=More Keys
</pre>

Note

You must have the ASYNC Communications Module enabled in order to access the pager notification screens. Contact your sales representative to activate the ASYNC Comm Module.

(Continued on next page)

</td></tr>
</table>

(Contd) Step	Action
3	On this panel, enter the details about the paging notification definition. For this sample paging definition, enter the following: a. Type **A** (active) in the Status field to activate the Paging definition. b. Type the ID of the communications profile to which you are sending the paging information. Press **F4** (Prompt) for a list of valid communication profile IDs. **Note** The Profile ID must exist in the communication profile file. **Reference** To create a communication profile, see the Using Communications chapter in the *Gentran:Server for iSeries Communications Guide*. For more information on setting up communications profiles for paging, see the Paging Automatic Notification section in this chapter. c. Type the session name associated with the communication profile. d. In the Pager Phone Number field, type the pager number of the party to whom you are sending the notification. e. Type **N** in the Communication Trace field to indicate no detail trace being generated. f. Accept the default value of **00** for the Rerun Attempts field to indicate no retry attempts if the communication session fails. g. If your pager can only handle a numeric message, type the phone number with which the person should call back in the Numeric Message field. If your pager can handle alphanumeric messages, either type a numeric message, or complete the fields in the alphanumeric panel area.
4	Press **F10** (Update) to create the pager notification record and return to the Work with Auto Notification Paging panel (EDIX634-FMT01).

Scroll through records

Function keys F16 and F17 provide the ability to scroll through and view paging definitions without toggling between EDIX634-FMTnn and EDIX635-FMT01.

Field descriptions

This table provides the field descriptions for the Auto Notification paging control panel (EDIX635-FMT01).

Field	Description
Status	This field indicates the status of each individual paging notification record set up under a Process/Command/ Return Code entry. The valid values are A (active), and I (inactive). Only active pager records are sent.
Communication Profile	An 8-position alphanumeric field identifying the communication profile to which you are sending the paging information. Press F4 (Prompt) for a list of valid communication profile IDs. Specific Comm profiles should be set up for each type of pager you will use. Only Async profiles are valid for paging functions.
Session Name	This is a 2-position alphanumeric field for identifying the script session name that is defined for the pager session. Press F4 (Prompt) for a list of valid communication profile IDs and session names.
Pager Phone Number	A 15-position alphanumeric field used to enter the recipient's pager number. Enter the pager number without the hyphens. This is a required field.
Communication Trace	This 1-byte alphabetic field, with values of Y (yes) or N (no), indicates whether to generate detailed trace information for debugging purposes. The default is N. (Continued on next page)

(Contd) Field	Description
Rerun Attempts	This field specifies the number of times the communication session should be retried in the event that the first attempt completes with a failed status. Valid values range from 0 to 99. The number entered does not include the initial communication session attempt.
Numeric Paging Information	
Numeric Message	A 15-position alphanumeric field used to enter the numeric message to be sent to the pager. This field is used for numeric pages only. The number entered here is the number the recipient is to dial back upon receiving a page. This field is required if none of the fields in the Alphanumeric Paging Information is entered. **Note** Enter numeric digits only. Do not enter '-' (dash) in this field to separate the phone number.
Alphanumeric Paging Information	
Send Header Information	This is a 1-position alphabetic field used to determine whether to include the header information at the beginning of the pager text message. The header information consists of the process name, command name, return code and the message center sequence number for the job invoking the notification.
Error Detail Records to Send	A 2-position numeric field (0-10) used to designate how many error detail messages will be sent. These are the detail errors shown in the Message Center for the processed job.
Additional Message	This is a free-form text field that the user can enter to have an additional message sent. **Note** If the numeric message is blank, then at least one piece of information in the Alphanumeric Pager section must be identified to be sent.

Note
The maximum message text that can be sent to a pager is 233 bytes. The string of detail error messages and additional information could be truncated in the actual pager message if the total length of the message text exceeds the limit of 233 bytes.

Test single pager notification records

Use this procedure to run a pager test for a single processing job and recipient.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>To test a single pager notification, on the Work with Automatic Notification panel (EDIX630-FMT01), type 12 (Paging) in the Option field on the key entry line and press Enter.</td></tr>
<tr><td>2</td><td>Type 14 (Test Paging) next to the processing job you want to run the paging test on, and press Enter.

Note
The status of the pager record needs to be A (active) in order to be sent.

<pre>
EDIX634   Work with Auto Notification Paging   EDI 03/01/06
FMT02   pgmlib: G3X4PGM   dtalib: G3X4DTA   12:00:00

 Position to Process Name ________________ Command   _____________
             Return Code __   Recipient ___________________

Type option (and Information), press Enter.
  1=Create 2=Revise 3=Copy 4=Delete 5=View 14=Test Paging
                                                      Comm   Pager
Opt Process Name   Command   Cd Recipient   Sts Profile   SN Type
___ _______________ ___________ __ ________________
___ *ALL   PRCTRNIN   04 ON CALL   A   PGPAGNET P1   A
___ *ALL   PRCTRNOUT   04 RECEIVER   A   PGPAGNET P1   N
___ *ALL   PRCTRNOUT   04 RECEIVER A   A   PGPAGNET P1   N
14_ INB PROCESS   PRCTRNIN   16 RECEIVER   A   PGPAGNET P1   N
___ INB PROCESS   PRCTRNIN   16 RECEIVER A   A   PGPAGNET P1   N
___ OUT ASN   PRCTRNOUT   04 RECEIVER   A   PGPAGNET P1   N
___ OUT ASN   PRCTRNOUT   04 RECEIVER A   A   PGPAGNET P1   N
___ OUT INVOICES   PRCTRNOUT   04 RECEIVER   A   PGPAGNET P1   N
                                                                       More...
Parameters or command
===> ____
F1=Help F7=E-mail F8=User Exit F12=Cancel F15=Sort F24=More Keys
</pre>
System Response
If the test was successful, a message will be sent to the recipient named RECEIVER via pager.</td></tr>
</table>

Alternative method for testing single pager notification records

Use this alternative procedure to run a single e-mail notification test for a specific processing job and recipient.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>On the Work with Auto Notification Paging panel (EDIX634-FMT02), enter 2 (Revise) in the Option field next to a specific pager notification (INB PROCESS PRCTRNIN 16 RECEIVER) and press Enter.

System Response
The Auto Notification Paging Control panel (EDIX635-FMT01) displays.</td></tr>
<tr><td>2</td><td>Press F14 (Test).
<pre>
EDIX635   Auto Notification Paging Control   EDI 03/01/06
FMT01   12:00:00
        Process: INB PROCESS   Command: PRCTRNIN
      Recipient: RECEIVER   Return Code: 16   Paging Status: A

  Status . . . . A   A=Active, I=Inactive
  Communication Profile. . . . . . PGPAGNET
  Session Name P1
  Pager Phone Number 5550187
  Communication Trace. . . . . . . N   N, Y
  Rerun Attempts 00   00-99

  Numeric Paging Information:
    Numeric Message. 6515121

  Alphanumeric Paging Information:
    Send Header Information. . . . _   N, Y
    Error Detail Records to Send . 00   00-10
    Additional Message . . . . . .

F1=Help   F4=Prompt   F10=Update   F12=Cancel   F14=Test   F24=More Keys
</pre>
Note
The Paging Status on an individual level must be A (active) to run the test job.</td></tr>
</table>

Test all pager entries set up under a specific processing job

Use this procedure to test all the pager entries set up under a specific processing job.

Step	Action
1	On the Work with Automatic Notification panel (EDIX630-FMT01), type **12** (Paging) in the Option field next to a processing job you want to test.
2	Press **F14** (Test). If the test was successful, a message will be sent by pagers to all the recipients with an active status set up for this processing job. In this example, the recipient named RECEIVER will receive a page.

```
EDIX634               Work with Auto Notification Paging          EDI 03/01/06
FMT01                pgmlib: G3X4PGM     dtalib: G3X4DTA              12:00:00
            Process: INB PROCESS                Command: PRCTRNIN
            Return Code:    16                  Paging Status:  A

Position to Recipient. . . . . .  ________________

Type option (and Information), press Enter.
  1=Create   2=Revise   3=Copy   4=Delete   5=View
                                Comm                Pager              Pager
Opt  Recipient            Sts   Profile     SN     ID Number           Type
__   _________________
__   RECEIVER              A    PGPAGNET    P1     5550187               N
__   RECEIVER A            A    PGPAGNET    P1     5551212               N




                                                                          Bottom
Parameters or command
===> __________________________________________________________________________
F1=Help  F7=E-mail  F8=User Exit  F12=Cancel  F14=Test  F24=More Keys
```

Note

The paging status on an individual level must be A (active) to run the test job.

Copy Auto Notification Paging Definitions

Overview

In this task, you will copy an existing paging definition into a new paging definition.

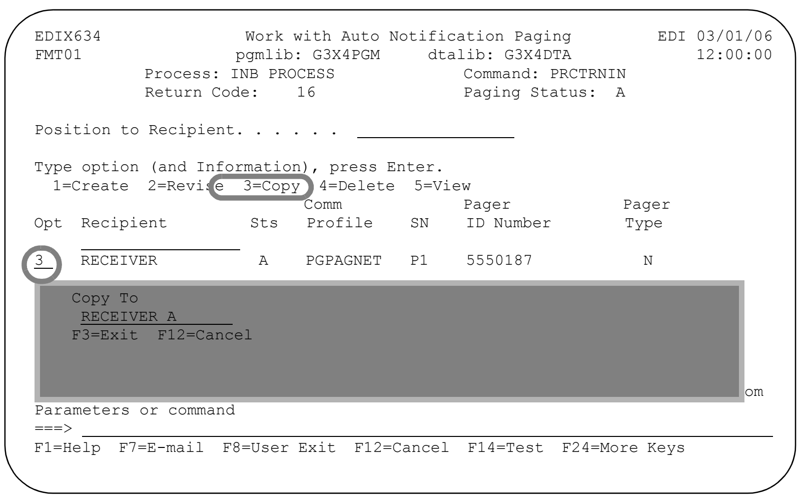
Procedure

Use this procedure to copy a paging definition.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>On the Work with Automatic Notification panel (EDIX630-FMT01), type 12 (Paging) in the Option field next to the processing job you want to copy (INB PROCESS PRCTRNIN 16) and press Enter.

System Response
The Work with Auto Notification Paging panel (EDIX634-FMT01) displays.</td></tr>
<tr><td>2</td><td>Type 3 (Copy) in the Option field next to the recipient name you want to copy (RECEIVER) and press Enter.

System Response
The system displays a Copy To window.



(Continued on next page)</td></tr>
</table>

(Contd) Step	Action
3	Type **RECEIVER A** and press **Enter**. **System Response** The Auto Notification Paging Control panel (EDIX635-FMT01) displays. You can modify field values (such as the comm profile and pager number).
4	Press **F10** (update) to create the pager definition.

Note
Paging definitions can also be copied from Work with Auto Notification Paging panel (EDIX634-FMT02).

User Exit Automatic Notification

Introduction

Overview

The Work with Auto Notification User Exit panel enables you to work with user exit notification records defined for specific job occurrences. The system displays the Auto Notification User Exit Control panel (EDIX637) or the Work with Auto Notification User Exit panel (EDIX636-FMT01), depending on how the function is accessed.

Work with the Auto Notification user exit records

Use this procedure to work with all the User Exit records for all entries.

Step	Action
1	On the Work with Automatic Notification panel (EDIX630-FMT01), type **13** (User Exit) in the Option field on the key entry line and press **Enter**.

Tip
You may also use the jump code feature by typing J USR or J 636 on the command line and pressing Enter.

```
EDIX630                 Work with Automatic Notification           EDI 03/01/06
FMT01                 pgmlib: G3X4PGM     dtalib: G3X4DTA              12:00:00

Position to Process ________________ Command ___________ Return Code __

Type option (and Information), press Enter.
  13=User Exit  30=Copy Auto-Ntfy

    Process           Command     Rt            User
Opt Name              Name        Cd  E-mail Page Exit Description
13  ________________  ___________ __
__  *ALL              PRCTRNIN    04    I     A    I   DEFAULT INBOUND PROCESS
__  *ALL              PRCTRNOUT   04    A     A    A   DEFAULT OUTBOUND PROCESS
__  INB PROCESS       PRCTRNIN    16    A     A    A   INBOUND PROCESS   RTN=16
__  OUT ASN           PRCTRNOUT   04    A     A        OUTBOUND SHIP NOTICES
__  OUT INVOICES      PRCTRNOUT   04    A     A        OUTBOUND INVOICES
__  PRGACK            PRGAUD      04    A              PURGING OF ACKNOWLEDGED

                                                                        Bottom
Parameters or command
===> __________________________________________________________________________
F1=Help  F3=Exit  F12=Cancel  F15=Sort  F23=More Options  F24=More Keys
```

System Response
The Work with Auto Notification User Exit panel (EDIX636-FMT01) displays.

```
EDIX636              Work with Auto Notification User Exit         EDI 03/01/06
FMT01                  pgmlib: G3X4PGM     dtalib: G3X4DTA             12:00:00

 Position to Process Name ____________________ Command __________________
              Return Code __

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  14=Test User Exit

Opt Process Name     Command     Cd Sts Command to Execute
__  _______________  __________  __
__  *ALL             PRCTRNIN    04  I  SNDMSG MSG('&TESTPROD: GENTRAN Inbound P
__  INB PROCESS      PRCTRNIN    16  A  SNDMSG MSG('&TESTPROD: GENTRAN Inbound P

                                                                        Bottom
Parameters or command
===> __________________________________________________________________________
F1=Help  F7=E-mail  F8=Paging  F12=Cancel  F15=Sort  F24=More Keys
```

Field descriptions

This table provides field descriptions for the Work with Auto Notification User Exit panel.

<table>
<tr><th>Field</th><th>Description</th></tr>
<tr><td>Process Name</td><td>This is a 15-byte name given to the job at the time the command was initiated. This field can be used to help further identify the job that is running.</td></tr>
<tr><td>Command</td><td>The Gentran command name that was processed.</td></tr>
<tr><td>Cd (Return Code)</td><td>This is the minimum return code from the overall job that was processed for which you want a user exit run.

The following are valid return codes.
<table>
<tr><td>Return Code</td><td>Description</td></tr>
<tr><td>00</td><td>The job ended successfully without any problems.</td></tr>
<tr><td>04</td><td>The job ended with an informational message.</td></tr>
<tr><td>08</td><td>The job ended with a warning.</td></tr>
<tr><td>12</td><td>The job ended with an error.</td></tr>
<tr><td>16</td><td>The job aborted.</td></tr>
</table></td></tr>
<tr><td>Sts (status)</td><td>This is a 1-byte alphabetic field designating the activation status of a user exit notification entry. It is displayed from the header record.

Valid values are:
• A (active)
• I (inactive)
• blank (not accessible)

Only user exit records with an active status will be submitted.</td></tr>
<tr><td>Command to Execute</td><td>This field specifies the command to be submitted to batch to run using the Submit Job command. The full command can be seen on the Auto Notification User Exit Control panel (EDIX637).</td></tr>
</table>

Sort options

The system default sort order for the Work with Auto Notification User Exit panel is Process Name, Command Name, Return Code.

Additional sort options are available to access the data in a different order. The following sort options are available at the Work with Auto Notification User Exit panel (EDIX636-FMT01):

- Process (Process Name), Cmd (Command Name), Return Cd (Return Code)
- Process (Process Name), Return Cd (Return Code)
- Command (Command Name), Return Cd (Return Code)
- Return Cd (Return Code)

Diagram

This diagram illustrates the sort feature. Press **F15** (Sort) to display the Sort window.

```
EDIX636           Work with Auto Notification User Exit        EDI 03/01/06
FMT01              pgmlib: G3X4PGM     dtalib: G3X4DTA              12:00:00

 Position to Process Name ____________________ Command _________________
             Return Code __

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  14=Test User Exit

Opt Process Name    Command     Cd Sts Command to Execute

                               04  I  SNDMSG MSG('&TESTPROD: GENTRAN Inbound P
   Position/Sort By            16  A  SNDMSG MSG('&TESTPROD: GENTRAN Inbound P

   1=Select

   _ Process/Cmd/Return Cd
   _ Process/Return Cd
   1 Command/Return Cd
   _ Return Cd                                                          Bottom

   F3=Exit  F12=Cancel
                               F12=Cancel  F15=Sort  F24=More Keys
```

Procedure

To select a sort option for the User Exit records set up in the Automatic Notification file, type **1** in the Option field next to the sort option you want to use and press **Enter**.

For this example, select the **Command/Return Cd** sort option.

System Response

The user exit records display, sorted by the selected option, with the appropriate keys highlighted.

```
EDIX636            Work with Auto Notification User Exit        EDI 03/01/06
FMT01               pgmlib: G3X4PGM     dtalib: G3X4DTA             12:00:00

 Position to  Command     ____________
              Return Code __

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  14=Test User Exit

Opt Process Name    Command    Cd Sts Command to Execute
__  _______________ __________ __
__  *ALL            PRCTRNIN   04  I  SNDMSG MSG('&TESTPROD: GENTRAN Inbound P
__  INB PROCESS     PRCTRNIN   16  A  SNDMSG MSG('&TESTPROD: GENTRAN Inbound P





                                                                      Bottom
Parameters or command
===> _________________________________________________________________________
F1=Help  F7=E-mail  F8=Paging  F12=Cancel  F15=Sort  F24=More Keys
```

Tip

The Position To fields can be used to quickly access the information being searched. These fields will change according to the selected sort option.

Create a new User Exit notification record

Use this procedure to define a new User Exit Notification record.

Step	Action

1	On the Work with Automatic Notification panel (EDIX630-FMT01), type **13** (User Exit) in the Option field next to a specific entry (for the example, INB PROCESS PRCTRNIN 16) and press **Enter**.
	
	System Response
	The Auto Notification User Exit Control panel (EDIX637-FMT01) displays.
	
	`EDIX637    Auto Notification User Exit Control    EDI 03/01/06`
	`FMT01    Submit Job (SBMJOB)    12:00:00`
	`Process: INB PROCESS    Command: PRCTRNIN    Return Code: 16`
	`Status . . . . . . . . . . A`
	`Command to run . . . . . . SNDMSG MSG('&TESTPROD: GENTRAN Inbound Processing`
	`ended with return code &RTNCDE. Check message center for job and reprocess.`
	`Process = &PROCESS; Command = &COMMAND; Msgctr seq# = &SEQNUM') TOUSR(*SYSOPR`
	`)`
	`Job Name . . . . . . . . . ALERT16    Name, *JOBD`
	`Job Description. . . . . . *USRPRF    Name, *USRPRF`
	`Library. . . . . . . . .    Name, *LIBL, *CURLIB`
	
	`F1=Help  F4=Prompt  F10=Update  F12=Cancel  F14=Test  F24=More Keys`

2	The minimum information you should provide on this panel is the Command to Run field. For this example, type **SNDMSG MSG (‘&TESTPROD: GENTRAN Inbound Processing ended with return code &RTNCDE. Check message center for job and reprocess. Process = &PROCESS; Command = &COMMAND; Msgctr seq# = &SEQNUM’) TOUSR (*SYSOPR)** on the Command to Run field. **Note** There are several variables that can be used in the command that will be replaced at run time with actual values.
3	Type **Alert16** in the Job Name field to customize the job. (Continued on next page)

(Contd) Step	Action
4	If you want to modify other options, press Enter to advance to the next panel (EDIX637-FMT-02). **System Response** The next panel (EDIX637-FMT02) displays.
5	Press **F10** (Update) to create the user exit record and to return to the Work with Automatic Notification panel (EDIX630).

```
EDIX637              Auto Notification User Exit Control          EDI 03/01/06
FMT02                                                                 12:00:00
      Process: *ALL                Command: PRGIBQ          Return Code: 04
  Status . . . . . . . . . .
  Job Queue. . . . . . . . . . *JOBD       Name, *JOBD
    Library. . . . . . . . . . ___________ Name, *LIBL, *CURLIB
  Output Queue . . . . . . . . *CURRENT    Name, *CURRENT, *USRPRF, *JOBD, *DEV
    Library. . . . . . . . . . ___________ Name, *LIBL, *CURLIB
  User . . . . . . . . . . . . *CURRENT    Name, *CURRENT, *JOBD
  Current library. . . . . . . *CURRENT    Name, *CURRENT, *USRPRF, *CRTDFT
  Initial library list . . . . *CURRENT    *CURRENT, *JOBD, *SYSVAL, *NONE



F1=Help  F4=Prompt  F10=Update  F12=Cancel  F14=Test  F24=More Keys
```

Scroll through records

Function keys F16 and F17 provide the ability to scroll through and view User Exit records without toggling between EDIX636-FMT01 or EDIX630 and EDIX637-FMT01.

Field descriptions

Field descriptions for the Auto Notification User Exit Control panel (EDIX637-FMT01).

Field	Description
Status	This is a display-only field that indicates the status of a User Exit notification set up under a Process/Command/Return Code. It is maintained on the Automatic Notification Control panel (EDIX631). The valid values are A (active), and I (inactive). In order to run a User Exit routine, this status must be A. (Continued on next page)

(Contd) Field	Description	
Command to Run	Specifies the command to be submitted to batch to run by using the Submit Job (SBMJOB) command. To run a program, use the CALL command and specify any parameters to be passed. **Note** There are five variables that can be referenced in the command to run field. The actual values will be replaced prior to the SBMJOB command being invoked. The five variables that can be referenced are:	
	&PROCNAME	The actual process name of the job that has triggered this notification.
	&CMDNAME	The Gentran command name of the job that has triggered this notification.
	&RTNCDE	The actual final return code of the job being tracked in the message center that has triggered this notification.
	&SEQNUM	The sequence number from the message center associated with the processing job that has triggered this notification.
	&TESTPROD	A literal value of TEST will be used if the job was initiated from the online screens via the test function. Otherwise, a value of PROD will be used.
Job Name	This field specifies the Job Name that is associated with the job when it is processed by the system. The possible values are:	
	*JOBD	The name of the job description used with this job is the name of the job itself.
	Job-name	Specify the name of the job that is used while it is being processed by the system. (Continued on next page)

<table>
<tr><th>(Contd)
Field</th><th colspan="2">Description</th></tr>
<tr><td rowspan="6">Command to Run</td><td colspan="2">Specifies the command to be submitted to batch to run by using the Submit Job (SBMJOB) command. To run a program, use the CALL command and specify any parameters to be passed.

Note
There are five variables that can be referenced in the command to run field. The actual values will be replaced prior to the SBMJOB command being invoked.

The five variables that can be referenced are:</td></tr>
<tr><td>&PROCNAME</td><td>The actual process name of the job that has triggered this notification.</td></tr>
<tr><td>&CMDNAME</td><td>The Gentran command name of the job that has triggered this notification.</td></tr>
<tr><td>&RTNCDE</td><td>The actual final return code of the job being tracked in the message center that has triggered this notification.</td></tr>
<tr><td>&SEQNUM</td><td>The sequence number from the message center associated with the processing job that has triggered this notification.</td></tr>
<tr><td>&TESTPROD</td><td>A literal value of TEST will be used if the job was initiated from the online screens via the test function. Otherwise, a value of PROD will be used.</td></tr>
<tr><td rowspan="3">Job Name</td><td colspan="2">This field specifies the Job Name that is associated with the job when it is processed by the system.

The possible values are:</td></tr>
<tr><td>*JOBD</td><td>The name of the job description used with this job is the name of the job itself.</td></tr>
<tr><td>Job-name</td><td>Specify the name of the job that is used while it is being processed by the system.

(Continued on next page)</td></tr>
</table>

(Contd) Field	Description	
Job Description	This field is used to designate the job description under which the job runs. The job queue library can optionally be specified. The possible values for the job description are:	
	*USRPRF	The job description in the user profile under which the submitted job runs is used as the job description of the submitted job.
	Job-description-name	Specify the name (library-name/job-description-name) of the job description used for the job.
	The possible values for the job description library are:	
	*LIBL	All libraries in the job's library list are searched until the first match is found.
	*CURLIB	The current library for the job is used to locate the job description name. If no library is specified as the current library for the job, QGPL is used.
	Library-name	Specify the name of the library where the job description name is located.

(Continued on next page)

(Contd) Field	Description	
Job Queue	Specifies the name of the job queue in which this job is placed. The library name can optionally be specified and refers to the location of the job queue object. The possible values for the job queue are:	
	*JOBD	The submitted job is placed on the job queue named in the specified job description.
	Job-queue-name	Specify the name (library-name/job-queue-name) of the job queue on which the submitted job is placed.
	The possible values for the job queue library are:	
	*LIBL	All libraries in the job's library list are searched until the first match is found.
	*CURLIB	The current library for the job is used to locate the job description name. If no library is specified as the current library for the job, QGPL is used.
	Library-name	Specify the name of the library where the job queue name is located.
Output Queue	Specifies the qualified name of the output queue used for spooled files that specify OUTQ (*JOB). This parameter applies only for printer files that have *JOB specified on the OUTQ parameter. The possible values are:	
	*CURRENT	The output queue used by the job that is currently running is used for the submitted job.
	*USRPRF	The output queue in the user profile where the submitted job runs is used as the output queue for the submitted job. The output queue name is obtained from the profile when the command is run.

(Continued on next page)

(Contd) Field	Description	
	*JOBD	The output queue named in the job description used with the submitted job is the job's default output queue.
	*DEV	The output queue associated with the printer specified on the DEV parameter of the printer file is used. The output queue has the same name as the printer. The printer file DEV parameter is determined by the Create Print File (CRTPRTF), Change Print File (CHGPRTF), or the Override Print File (OVRPRTF) commands. **Note** This assumes the defaults were specified on the OUTQ parameter for the printer file, job description, user profile, and workstation.
	Output-queue-name	Specify the name (library-name/output-queue-name) of the output queue that is used as the default output queue by the submitted job.
	The possible values for the output queue library are:	
	*LIBL	All libraries in the job's library list are searched until the first match is found.
	*CURLIB	The current library for the job is used to locate the output queue name. If no library is specified as the current library, QGPL is used.
	Library-name	Specify the name of the library where the output queue name is located. (Continued on next page)

(Contd) Field	Description	
User	This field is used to designate the system user profile under which the job will run. If *RQD is specified in the job description, *JOBD cannot be specified; *CURRENT or a user name must be specified instead. The possible values are:	
	*CURRENT	The same user profile used by the job that is currently running is used for the submitted job.
	*JOBD	The user profile named in the specified job description is used for the job being submitted.
	User-name	Specify the name of the user profile that is used for the job being submitted.
Current Library	Specifies the name of the current library associated with the job being run. The possible values are:	
	*CURRENT	The current library being used by the job that is currently running is used for the submitted job.
	*USRPRF	The current library in the user profile where the submitted job runs is used as the current library for the submitted job.
	*CRTDFT	There is no current library for the submitted job. If objects are created in the current library, QGPL is used as the default current library.
	Current-library-name	Specify the name of a library used as the current library of the submitted job.

(Continued on next page)

(Contd) Field	Description	
Initial Library List	Specifies the initial user part of the library list that is used to search for any operating system object names that were specified without a library qualifier. The possible values are:	
	*CURRENT	The current library being used by the job that is currently running is used for the submitted job.
	*JOBD	The library list in the job description used with this job is used as the initial user part of the library list for the job.
	*SYSVAL	The system default user library list is used by this job.
	*NONE	The user portion of the initial library list is empty.

Test user exit notification records

Use this procedure to test a user exit routine for a specific processing job.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>

On the Work with Automatic Notification panel (EDIX630-FMT01), type **13** (User Exit) in the Option field next to a processing job you want to test.

System Response
The Auto Notification User Exit Control panel (EDIX637-FMT01) displays.

</td></tr>
<tr><td>2</td><td>

Press **F14** (Test). This will invoke a test running a command or a program call specified in the Command to Run field.

```
EDIX637              Auto Notification User Exit Control          EDI 03/01/06
FMT01                         Submit Job (SBMJOB)                     12:00:00
      Process: INB PROCESS          Command: PRCTRNIN          Return Code: 16
  Status . . . . . . . . . . . A
  Command to run . . . . . . . SNDMSG MSG('&TESTPROD: GENTRAN Inbound Processing
  ended with return code &RTNCDE. Check message center for job and reprocess.
  Process = &PROCESS; Command = &COMMAND; Msgctr seq# = &SEQNUM') TOUSR(*SYSOPR
  )

  Job Name . . . . . . . . . . ALERT16     Name, *JOBD
  Job Description. . . . . . . *USRPRF     Name, *USRPRF
    Library. . . . . . . . . .             Name, *LIBL, *CURLIB

F1=Help  F4=Prompt  F10=Update  F12=Cancel  F14=Test  F24=More Keys
```

Note

The User Exit status must be A (active) to run the test job.

</td></tr>
</table>

Alternative method for testing user exit notification records

Use this alternative procedure to test a user exit routine for a specific processing job.

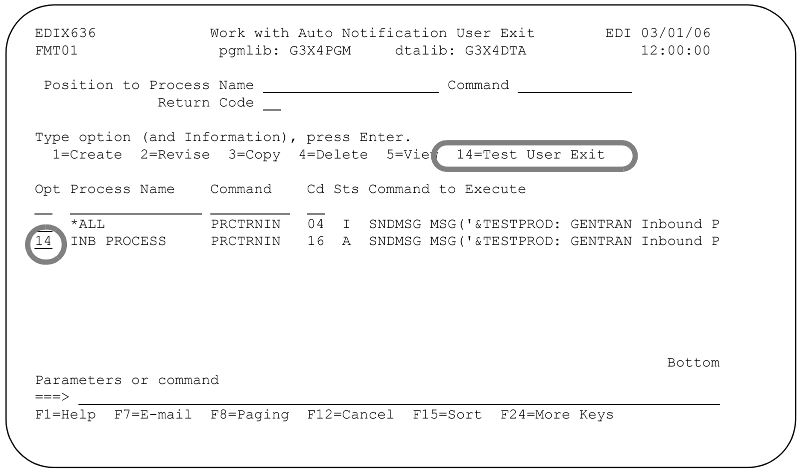
<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>

On the Work with Automatic Notification panel (EDIX630-FMT01), type **13** (User Exit) on the key entry line and press **Enter**.

System Response
The Work with Auto Notification User Exit panel (EDIX636-FMT01) displays.

(Continued on next page)

</td></tr>
</table>

(Contd) Step	Action
2	Type **14** (Test User Exit) beside a specific entry to run a test user exit job.  EDIX636 Work with Auto Notification User Exit EDI 03/01/06 FMT01 pgmlib: G3X4PGM dtalib: G3X4DTA 12:00:00 Position to Process Name ____________________ Command _____________ Return Code __ Type option (and Information), press Enter. 1=Create 2=Revise 3=Copy 4=Delete 5=View 14=Test User Exit Opt Process Name Command Cd Sts Command to Execute __ *ALL PRCTRNIN 04 I SNDMSG MSG('&TESTPROD: GENTRAN Inbound P 14 INB PROCESS PRCTRNIN 16 A SNDMSG MSG('&TESTPROD: GENTRAN Inbound P Bottom Parameters or command ===> ____ F1=Help F7=E-mail F8=Paging F12=Cancel F15=Sort F24=More Keys **Note** The User Exit status must be A (active) to run the test job.

Copy an Auto Notification User Exit Definition

Overview

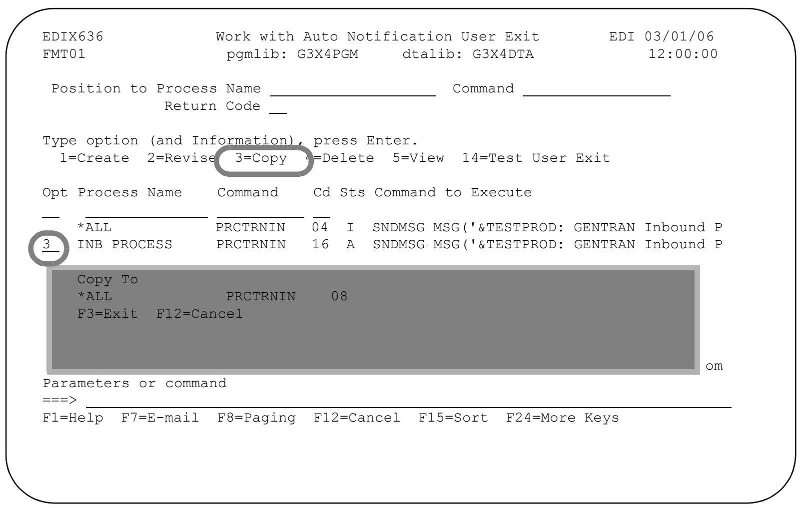
In this task, you will copy an existing User Exit definition into a new User Exit definition.

Procedure

Use this procedure to copy a User Exit definition.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>On the Work with Auto Notification User Exit panel, type 3 (Copy) in the Option field next to the User Exit entry you want to copy (INB PROCESS PRCTRNIN 16) and press Enter.

System Response
A Copy To window displays.


</td></tr>
<tr><td>2</td><td>Type the process name, command name and return code for which a user exit does not yet exist, and press Enter.

System Response
The Auto Notification User Exit Control panel displays, where you can modify field values, such as the command to run.</td></tr>
<tr><td>3</td><td>Press F10 (Update). This action creates a new User Exit definition.</td></tr>
</table>

Print the Automatic Notification Profiles Report

Introduction

Overview

Gentran:Viewpoint provides you with the ability to print automatic notification profiles for which the messages are sent by e-mail, paging, user exit, or all.

Select the Print option

The Print option can be accessed from the GENVPT menu or the Work with Automatic Notification panel (EDIX630-FMT01). The report includes the same information, regardless of the panel it is initiated from.

Procedure

On the Work with Automatic Notification panel, type 6 (Print) in the Option field on the key entry line, or beside any entry displayed on the panel, and press Enter.

Alternative method
On the GENVPT menu, type option **7** (PRTAUTO) on the command line and press **Enter**.

Note
If specified beside a specific notification entry, the Print Auto Notification command will be shown with default values for the entry you selected.

Diagram

This diagram illustrates the selection of the Print Automatic Notification Profiles (PRTAUTO) command for a specific entry from the Work with Automatic Notification panel.

```
EDIX630               Work with Automatic Notification         EDI 03/01/06
FMT01               pgmlib: G3X4PGM     dtalib: G3X4DTA            12:00:00

Position to Process ________________ Command ___________ Return Code __

Type option (and Information), press Enter.
  1=Create  2=Revise  3=Copy  4=Delete  5=View  6=Print  11=E-mail  12=Paging

    Process           Command     Rt             User
Opt Name              Name        Cd  E-mail Page Exit Description

__  _______________   _________   __
__  *ALL              PRCTRNIN    04     I     A    I   DEFAULT INBOUND PROCESS
__  *ALL              PRCTRNOUT   04     A     A    A   DEFAULT OUTBOUND PROCESS
6_  INB PROCESS       PRCTRNIN    16     A     A    A   INBOUND PROCESS   RTN=16
__  OUT ASN           PRCTRNOUT   04     A     A        OUTBOUND SHIP NOTICES
__  OUT INVOICES      PRCTRNOUT   04     A     A        OUTBOUND INVOICES
__  PRGACK            PRGAUD      04     A              PURGING OF ACKNOWLEDGED

                                                                         Bottom
Parameters or command
===> _________________________________________________________________________
F1=Help  F3=Exit  F12=Cancel  F15=Sort  F23=More Options  F24=More Keys
```

Enter the Print option

Gentran:Viewpoint provides several selection options which allow you to selectively print all or some of the automatic notification records.

Procedure

To run the Print Automatic Notification (PRTAUTO) command, use one of three methods. You may run the command:

- In batch (press Enter, since this is the default)
- Interactively (press F10 for additional parameters, specify *YES for Run Interactively and press Enter), or
- Schedule it to run later (press F10 for additional parameters and specify *YES for Schedule Job, then press Enter).

Diagram

This diagram illustrates the Print Auto Notification panel (PRTAUTO).

```
                           Print Auto Notification (PRTAUTO)

 Type choices, press Enter.

 Process Name . . . . . . . . . . > 'INB PROCESS'
 Command  . . . . . . . . . . . . > 'PRCTRNIN'    Character value
 Return Code  . . . . . . . . . . > '16'          00, 04, 08, 12, 16
 Type of Detail . . . . . . . . .   *ALL          *EMAIL, *PAGE, *EXIT, *ALL

                              Additional Parameters

 Run Interactively? . . . . . . .   *NO           *YES, *NO
 Schedule Job?  . . . . . . . . .   *NO           *YES, *NO






                                                                        Bottom
 F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
 F24=More keys
```

Note
The diagram shows the panel after F10 (Additional Parameters) is pressed.

Field descriptions

This table describes the fields on the Print Auto Notification panel (PRTAUTO).

Field	Description
Process Name	A 15-position alphanumeric field used to print entries based on the process name.
Command	A 10-position alphanumeric field used to print based on the Gentran command name that was used to process the job.
Return Code	This field indicates the minimum return code for the overall job that was processed for which you want a notification alert sent.

<table>
<tr><th>(Contd)
Field</th><th colspan="2">Description</th></tr>
<tr><td rowspan="5">Type of Detail</td><td colspan="2">This field is used to define the level of detail to print on the report.

Valid values are:</td></tr>
<tr><td>*EMAIL</td><td>Print e-mail notification records for this entry.</td></tr>
<tr><td>*PAGE</td><td>Print pager notification records for this entry.</td></tr>
<tr><td>*EXIT</td><td>Print the user exit record notification record.</td></tr>
<tr><td>*ALL</td><td>Print all automatic notification records for this entry. This is the default value.
(Continued on next page)</td></tr>
<tr><td colspan="3">Additional Parameters</td></tr>
<tr><td>Run Interactively?</td><td colspan="2">Enables you to perform the process interactively. Specify *NO to run in batch or *YES to run interactively.</td></tr>
<tr><td>Schedule Job?</td><td colspan="2">This field is used to designate whether you want to schedule the command to run as a batch job at a later time. The default value is *NO. If the value is *YES, the system displays the Schedule Job panel (SCHJOB), which contains the job run parameters.</td></tr>
</table>

Copy Automatic Notification Profiles

Copy Automatic Notification Definitions

Overview

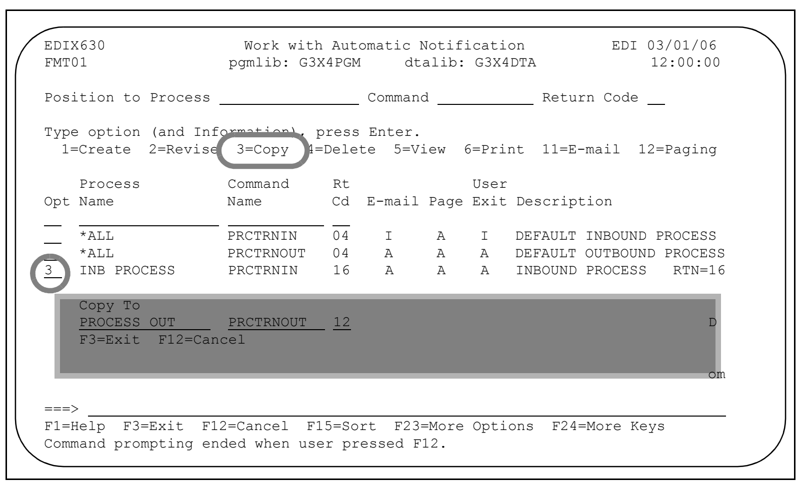
In this task, you will copy an existing automatic notification definition into a new definition.

Procedure

Use this procedure to copy an Automatic Notification definition and its associated detail records.

<table>
<tr><th>Step</th><th>Action</th></tr>
<tr><td>1</td><td>On the Work with Automatic Notification panel (EDIX630-FMT01), type 3 (Copy) in the Option field next to a notification profile you want to copy (INB PROCESS PRCTRNIN 16).</td></tr>
<tr><td>2</td><td>Press Enter.

System Response
The system displays a Copy To window.



(Continued on next page)</td></tr>
</table>

(Contd) Step	Action
3	Type a new process name, command name, and return code and press **Enter**. **System Response** The Automatic Notification Control panel (EDIX631-FMT01) displays. You can modify the field values (such as Description).
4	Press **F10** (Update). This action creates a new automatic notification definition by copying the entire definition which includes e-mail, paging, and user exit definitions.

Copy Automatic Notification Definitions Between Libraries (NOTIFYCPY)

Overview

Gentran allows you to copy a selected automatic notification definition to another library. This can be particularly useful if you have set up two libraries, one for a test environment and the other for production. When you copy an automatic notification definition between libraries, Gentran copies the automatic notification definition (including records for the header, e-mail, pager, and user exit records) into the new definition.

Diagram

This diagram shows how to access the Copy Auto Notification Entry (NOTIFYCPY) command.

```
EDIX630              Work with Automatic Notification          EDI 03/01/06
FMT01              pgmlib: G3X4PGM     dtalib: G3X4DTA             12:00:00

Position to Process ________________ Command ___________ Return Code __

Type option (and Information), press Enter.
  13=User Exit  30=Copy Auto-Ntfy

    Process          Command      Rt              User
Opt Name             Name         Cd  E-mail Page Exit Description

__  ________________ ___________  __
__  *ALL             PRCTRNIN     04     I     A    I   DEFAULT INBOUND PROCESS
__  *ALL             PRCTRNOUT    04     A     A    A   DEFAULT OUTBOUND PROCESS
30  INB PROCESS      PRCTRNIN     16     A     A    A   INBOUND PROCESS   RTN=16
__  OUT ASN          PRCTRNOUT    04     A     A        OUTBOUND SHIP NOTICES
__  OUT INVOICES     PRCTRNOUT    04     A     A        OUTBOUND INVOICES
__  PRGACK           PRGAUD       04     A              PURGING OF ACKNOWLEDGED

                                                                         Bottom
Parameters or command
===> __________________________________________________________________________
F1=Help  F3=Exit  F12=Cancel  F15=Sort  F23=More Options  F24=More Keys
```

Procedure

Use this procedure to copy an automatic notification definition between libraries.

Step	Action

1	Type **30** (Copy Auto-Ntfy) in the Option field next to the definition of a processing job you want to copy (INB PROCESS PRCTRNIN 16) and press **Enter**.
	
	System Response
	The system displays the Copy Auto Notification Entry (NOTIFYCPY) panel with the process name, command name, and return code already defined. The system also supplies the name of the From library where the automatic notification entry resides. (The From library is determined from the Data library specified in the user's environment control profile.)
	
	`Copy Auto Notification Entry (NOTIFYCPY)`
	`Type choices, press Enter.`
	`Process Name . . . . . . . . . . > 'INB PROCESS'`
	`Command Name . . . . . . . . . . > 'PRCTRNIN'     Character value`
	`Return Code  . . . . . . . . . . > '16'          00, 04, 08, 12, 16`
	`From Library . . . . . . . . . . > 'G3X4SAMPDV'  Character value`
	`To Library . . . . . . . . . . .   PRODLIB       Character value`
	`Schedule Job ? . . . . . . . . .   *NO           *YES, *NO`
	`Additional Parameters`
	`Run Interactively ?  . . . . . .   *NO           *YES, *NO`
	`Bottom`
	`F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display`
	`F24=More keys`

2	Type the name of the To library where the automatic notification profile should be copied to.
3	At this point, you can run the copy job one of three ways: • Press **Enter** to immediately submit the job to run in batch • Press **F10** (Additional Parameters) and type ***YES** for Run Interactively to run the copy job interactively, or • Type ***YES** to use the Job Scheduler feature.

The Gentran Pager (GENPAGE) Command

Overview

In addition to invoking a pager from the Work with Auto Notification Paging panel, the GENPAGE command allows you to independently send a page directly from a command line.

Note
You must have the Async key activated to run this command.

Procedure

On the command line, type **GENPAGE** and press **F4** (Prompt).

Enter your selection criteria and press **Enter** to run.

Press **F1** (Help) for detail information about any of the parameters.

```
                           Gentran Pager (GENPAGE)

 Type choices, press Enter.

 Communications profile id  . . . > PGVERIZN      Profile id
 Session name . . . . . . . . . . > P1            Session name
 Pager id number  . . . . . . . . > 5551234
 Message to send  . . . . . . . . > 'THIS IS A TEST'




                          Additional Parameters

 Communications trace . . . . . .   *NO           *YES, *NO
 Rerun if session fails . . . . .   0             0-99
 Run Interactively? . . . . . . .   *NO           *YES, *NO
 Process Name . . . . . . . . . .   GENPAGE


                                                                      Bottom
 F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
 F24=More keys
```

You can run the GENPAGE command in one of two ways:

- Press **Enter** to submit the job to run in batch immediately (this is the default).
- Press **F10** (Additional Parameters) and type *YES in the Run Interactively field to run the job interactively (your terminal will be locked until the job is complete).

Parameter definitions

This table provides the Gentran Pager parameter definitions.

Parameter	Definition
Communications Profile ID	This is the communication profile ID for the pager you are initiating. **Note** The profile ID must be with ASC protocol.
Session Name	Enter the script session name you are initiating for this page. This is the unique identifier used to determine which session control set to use for this session.
Pager ID Number	An alphanumeric field used to enter the recipient's pager number. Enter the pager number without the hyphens.
Message to Send	This parameter allows you to enter the text message to send to the pager. It can be a numeric phone number or an alphanumeric string of text.
Additional Parameters	
Communication Trace	This field is used to designate whether or not the communication job generates detailed trace information. This is used for debugging purposes. Valid values are *YES and *NO.
Rerun if Session Fails	A numeric field that contains the number of times the communication session should be retried in the event that the first attempt fails.
Run Interactively?	This parameter allows you to perform the process interactively. If you choose to run the command in an interactive mode (*YES), you can monitor system messages that occur during processing. However, you are locked out of the system from the terminal the job was submitted on until the process is complete.
Process Name	This parameter is used to label the command for the Message Center. The default is the command name, but it can be changes to any 15-byte field to help further identify this process. The process name displays on the first panel of the Work with Message Center screen (EDIX600) and can be sorted and reported on using this name.

Reports

EBDI628-Automatic Notification Detail Report

Contents of the report

The Print Auto Notification report contains information about the e-mail, paging, user exit, or all of the notification records.

How to identify the report

The identifier, EBDI628, displays in the upper left corner of the report. The report title, Automatic Notification Detail Report, is centered at the top of the report. The identifier, EBDI628, also displays in the User Data field associated with the spooled report in the Output Queue.

How to generate the report

This is a user-generated report. It can be generated by selecting Option **6** (Print) on the Work with Automatic Notification panel (EDIX630-FMT01). It can also be generated by selecting Option **7** (Print Automatic Notification Profiles) from the GENVPT menu.

Special considerations

Like other Gentran:Server and Gentran:Viewpoint reports, the Print Auto Notification report automatically goes to the iSeries Output Queue defined for the user running the job.

Reference
See the Environment Control chapter in the *Gentran:Server for iSeries User Guide* to set up a user's output queue.

Report This diagram illustrates the Automatic Notification Detail Report (EBDI628).

```
PROCESS NAME  . . .  INB PROCESS                 COMMAND NAME . . . . PRCTRNIN               RETURN CODE  . . . . 16
E-MAIL STATUS . . .  INACTIVE                    PAGE STATUS  . . . . INACTIVE               USER EXIT STATUS . . INACTIVE
DESCRIPTION . . . .  INBOUND PROCESS

                                                    =========================
                                                    E-MAIL DETAIL INFORMATION
                                                    =========================

RECIPIENT . . . . .  RECEIVER              E-MAIL STATUS . . .  ACTIVE

    RECIPIENT TYPE:     *PRI                           SEND HEADER INFO: YES                 ERROR DETAIL RCDS TO SEND: 01
    E-MAIL ADDRESS:     ACME_EMAIL.COM

    E-MAIL SUBJECT:     TEST FOR THE VIEWPOINT E-MAIL SYSTEM
    ADDITIONAL MESSAGE: TEST MESSAGE FOR AUTO NOTIFICATION

            TOTAL E-MAIL DETAIL RECORDS PROCESSED:        1

                                                    =========================
                                                    PAGER DETAIL INFORMATION
                                                    =========================

RECIPIENT . . . . .  RECEIVER              PAGING STATUS . . .  ACTIVE                       PAGER TYPE . . . . . NUMERIC

    COMMUNICATION PROFILE: PGVERIZN                    SESSION NAME:        P1
    PAGER PHONE NUMBER:    5550187                     COMMUNICATION TRACE: NO               RERUN ATTEMPTS: 0

    NUMERIC PAGING INFORMATION:
        NUMERIC MESSAGE . . .  6515121

    ALPHANUMERIC PAGING INFORMATION:
        SEND HEADER INFORMATION  . . .  NO
        ERROR DETAIL RECORDS TO SEND .  00
        ADDITIONAL MESSAGE . . . . . .

            TOTAL PAGING CONTROL DETAIL RECORDS PROCESSED:        1

                                                   ============================
                                                   USER EXIT DETAIL INFORMATION
                                                   ============================
COMMAND TO RUN:       PRCTRNIN COMPRF(CN3BSC) APPID(SEMPOAPPL)



JOB NAME:             *JOBD
JOB DESCRIPTION:      *USRPRF             LIBRARY:
JOB QUEUE:            *JOBD               LIBRARY:
OUTPUT QUEUE:         *CURRENT            LIBRARY:
USER:                 *CURRENT
                                                    Sterling Commerce
```

Field descriptions

This table describes the fields on the Automatic Notification Detail Report.

Field Name	Description
Detail Level	Designates the level of detail of notification records to be printed.
Process Name	Identifies the process name being printed.
Command Name	Identifies the Gentran command name to be printed.
Return Code	The return code selected to display the automatic notification records.
E-mail Status	Displays the e-mail activation status.
Page Status	The activation status for the page.
User Exit Status	Displays the user exit activation status.
Description	A description for this automatic notification entry.
E-mail Detail Information Section (shown when Parm TYPE = *EMAIL or *ALL)	
Recipient	The name of the person who will be receiving this e-mail message.
E-mail Status	Displays the status of each individual e-mail definition.
Recipient Type	Identifies the type of e-mail that should be sent to the recipient. Valid values are: *PRI – Primary Recipient *CC – Carbon Copy *BCC – Blind Carbon Copy **Note** The e-mail address will be sent in either the To, CC, or BCC fields of an e-mail based on the type selected. However, only one e-mail address per record can be used; recipients will not be able to see the other recipients who might have received a notification. (Continued on next page)

(Contd) Field Name	Description
Send Header Info	Designates whether a header text should be sent when the e-mail is sent. The header text includes the process, command, return code, and message center sequence number.
Error Detail Records to Send	The total number of detail error messages that occurred during the processed job that should be sent in the e-mail message.
E-mail Address	The e-mail address for the recipient.
E-mail Subject	The subject text of the e-mail message that is sent, if defined.
Additional Message	Additional text that will be sent with the e-mail message, if defined.
Total E-mail Detail Records Processed	Lists the total number of e-mail recipients printed on the report.
Paging Control Detail Information Section (shown when Parm TYPE = *PAGE or *ALL)	
Recipient	The name of the person who will be receiving this page.
Paging Status	Displays the status of each individual paging definition.
Pager Type	Identifies the type of pager being used (either numeric or alphanumeric).
Communication Profile	Displays the communications profile ID that is defined to send this page.
Session Name	The script session name that is defined to invoke this page.
Pager Phone Number	The recipient's pager number.
Communication Trace	Designates whether or not the communication job generates detailed trace information for debugging purposes.
Rerun Attempts	Displays the number of times the communication session should be retried in the event that the first attempt fails. (Continued on next page)

(Contd) Field Name	Description
Numeric Paging Information	
Numeric Message	Displays the numeric message to be sent to the pager. This could be the phone number that the recipient should call.
Alphanumeric Paging Information	
Send Header Information	Indicates whether or not to include process name, command name, return code and message center sequence number information to be sent to the pager at the beginning of the message.
Error Detail Records to Send	Displays the number of error detail error descriptions that should be sent with the page.
Additional Message	Additional text to be included at the end of the page.
Total Paging Control Detail Records Processed	Lists the total number of paging definitions printed on the report.
User Exit Detail Information Section (shown when Parm TYPE = *EXIT or *ALL)	
Command to Run	Prints the command to be submitted to batch to run when there are errors in the Message Center.
Job Name	This field lists the name that is associated with the job when it is processed by the system.
Job Description	Prints the name of the job description used with this job.
Library	The job description library can optionally be specified.
Job Queue	Prints the name of the job queue in which this job is placed.
Library	The job queue library can optionally be specified and it refers to the location of the job queue object.
Output Queue	This field identifies the qualified name of the output queue used for spooled files that specify OUTQ (*JOB). (Continued on next page)

(Contd) Field Name	Description
Library	The output queue library can optionally be specified and it refers to the location of the output queue object.
User	This field identifies the name of the user profile for the job being submitted.
Current Library	Prints the name of the current library associated with the job being run.
Initial Library List	Prints the initial user part of the library list that is used to search for any operating system object names that were specified without a library qualifier.

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