

IBM Sterling Gentran:Server for Windows



Communications Gateway Configuration Guide

Version 5.3.1

IBM Sterling Gentran:Server for Windows



Communications Gateway Configuration Guide

Version 5.3.1

Note

Before using this information and the product it supports, read the information in "Notices" on page 51.

This edition applies to the 5.3.1 version of IBM Sterling Gentrans:Server for Microsoft Windows and to all subsequent releases and modifications until otherwise indicated in new editions.

© **Copyright IBM Corporation 1996, 2012.**

US Government Users Restricted Rights – Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

Contents

Chapter 1. Communications Gateway

Overview	1
About the Communications Gateway	1
Content Types and Subtypes	2
Communications Gateway Message Flow	2

Chapter 2. Communications Properties 5

Communications Dialog Box - Servers Tab	5
Communications Dialog Box - Pools Tab	6
New Pool Dialog Box	7
Add Devices to Pool Dialog Box	7
Communications Dialog Box - Hosts Tab	8
Communications Dialog Box - Sessions Tab	9
Communications Dialog Box - Miscellaneous Tab	10
EICON X.25 Transport Properties Dialog Box	10
WS_FTP Transport Properties Dialog Box	11

Chapter 3. Mailbox Gateway Properties 13

Gateway Properties Dialog Box	13
TAPI Properties Dialog Box	14
Bisync Properties Dialog Box	14
CAPI Properties Dialog Box with B-Channel Option	15
CAPI Properties Dialog Box with D-Channel Option	16
FTP Properties Dialog Box	17
Sockets Properties Dialog Box	18
Email Addresses Dialog Box	18
Script Dialog Box	19
New Script Dialog Box	19
Compiler Output Dialog Box	20
Message Defaults Dialog Box	20
Edit Recipients Dialog Box	21
Tradanet Properties - Using TSP Commands Dialog Box - User Tab	22
Tradanet Properties - Using TSP Commands Dialog Box - DELF Tab	23
Tradanet Properties - Using TSP Commands Dialog Box - GO/NG Tab	24
Tradanet Properties - Using TSP Commands Dialog Box - NEWREL Tab	25
Tradanet Properties - Using TIP Commands Dialog Box - User Tab	26

Tradanet Properties - Using TIP Commands Dialog Box - DELF Tab	27
Tradanet Properties - Using TIP Commands Dialog Box - GO Tab	28
Tradanet Properties - Using TIP Commands Dialog Box - NEWREL Tab	29

Chapter 4. Mailbox Properties 31

Mailbox Properties Dialog Box - Addressing Tab	31
Mailbox Properties Dialog Box - Gateway Tab	31
Mailbox Properties Dialog Box - Delivery Rules Tab	32
Mailbox Properties Dialog Box - Security Tab	33

Chapter 5. Configuring Communications 35

Configuration process	35
Configuring Your Communications Gateway	35
Stopping the Communications Service	36
Stopping the Mailbox Service	37
Starting the Mailbox Service	37
Starting the Communications Service	38
Creating Mailboxes	38
Configuring Tradanet TSP Properties	41
Configuring Tradanet TIP Properties	41
Modifying Mailbox Properties	42

Chapter 6. Error Messages 43

Gateway Error Message Details	43
---	----

Chapter 7. Working with OFTP 47

SSID and SFID Commands and Scripts	47
Creating a Partner Definition - for OFTP Remote VAN Users	47
Defining the Virtual Filename and Data Format	48

Notices 51

Index 55

Chapter 1. Communications Gateway Overview

About the Communications Gateway

The IBM® Sterling Gentran:Server® for Microsoft Windows Communications Gateway is used when you exchange business documents with your Trading Partners through a Value Added Network (VAN) or directly to your Trading Partner's computer system.

The purpose of the Sterling Gentran:Server Communications Gateway is to establish a communications session with a VAN or Trading Partner computer. This gateway uses communications scripts to log on to the VAN or Trading Partner computer, and to send and receive messages.

Communications processes are controlled by Mailbox Server and by a suite of communications scripts provided by IBM.

Process Overview

To configure the Sterling Gentran:Server Communications Gateway, you must do the following:

- Select the communications controller that services the modem or network card you are using to communicate with your Trading Partners.
- Select the device pool containing the modem or network card you intend to use with this gateway.
- Select the attachment content type defaults to be assigned to messages that are transferred through this gateway.

Configuring Mailboxes

When you configure a mailbox to be used with the Sterling Gentran:Server Communications Gateway, you define the following:

- transport properties for this mailbox, such as:
 - Asynchronous
 - Bisynchronous
 - TCP/IP (Transmission Control Protocol/Internet Protocol)
 - FTP (File Transfer Protocol)
 - WS_FTP Pro File Transfer Program
 - ISDN (Integrated Services Digital Network)
 - EICON X.25T

These properties determine the format, timing, and error control for data transmission.

- communications script to use with this mailbox
- default message content types
- a list of message recipients

Content Types and Subtypes

The content type and subtype values are used to indicate the Internet media type of the information being transmitted. The content type determines the mechanism to use to display the data.

You determine which action the system performs on each type of data by the values selected on the Mailbox tab of the System Configuration dialog box. To see what processes are invoked, see the Mailbox tab of the System Configuration dialog box.

Sterling Gentran:Server accepts, by default, the following content type/subtype combinations:

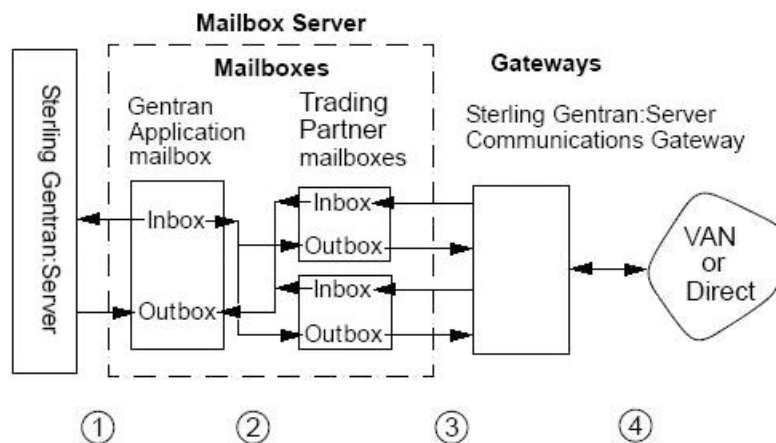
- Application/EDI
- Application/Import
- Application/Document-EDI

For example, Application/EDI is an application program type with a subtype of EDI (representing Electronic Data Interchange data). When Sterling Gentran:Server receives a message with an Application/EDI content type and subtype, it runs the GDW_Process_MBFile command on the message, triggering the inbound process steps.

Note: Messages containing undefined content types remain in the Gentran Application mailbox.

Communications Gateway Message Flow

The following diagram shows the flow of messages using the Sterling Gentran:Server Communications Gateway. The numbers in this diagram correspond to the stages listed in the table below.



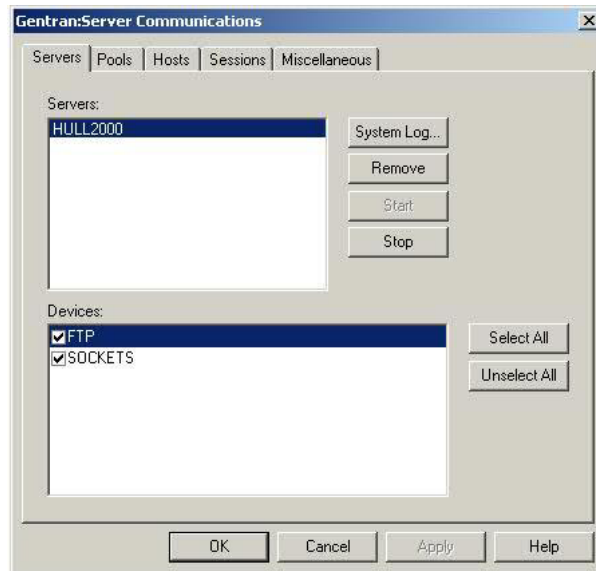
Stage	Description
1	All messages going to and from Sterling Gentran:Server are stored in the Gentran Application mailbox.
2	Messages are transferred between the Gentran Application mailbox and the Trading Partner mailboxes that you have created on Mailbox Server.

Stage	Description
3	The Trading Partner mailbox properties determine how your messages are transferred to your Trading Partners.
4	The Sterling Gentrans:Server Communications Gateway connects to your Trading Partner's VAN or directly to your Trading Partner's system and routes messages to the appropriate mailbox. A communications session may send, receive, or both send and receive messages.

Chapter 2. Communications Properties

Communications Dialog Box - Servers Tab

The following diagram shows the Communications Dialog Box Server tab.

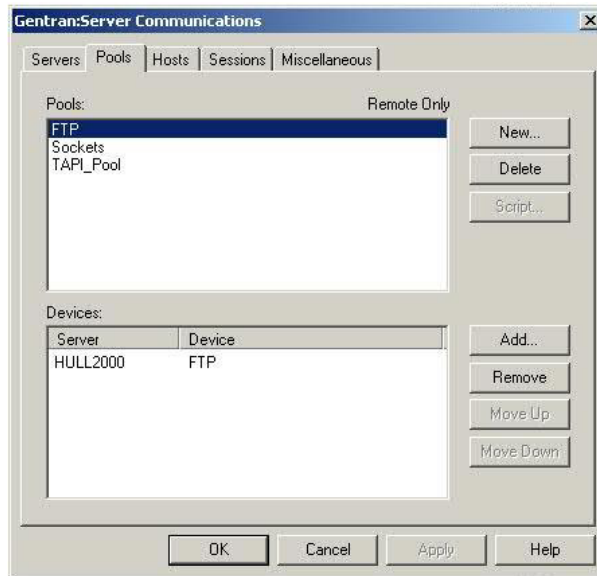


The following table describes the parts of the Servers tab of the Sterling Gentran:Server Communications dialog box.

Part	Function
Servers	<p>Displays the communications controllers available to Mailbox Server. You may have multiple communications controllers in your Mailbox Server system.</p> <p>The following are the buttons pertaining to servers:</p> <ul style="list-style-type: none">• System Log - Views the log information for a specific communications controller.• Remove - Removes the selected communications controller from the list.• Start - Starts communications services on the selected controller.• Stop - Stops communications services on the selected controller.
Devices	<p>Displays the devices available for use with Mailbox Server. The devices shown in this list are the devices for each respective communications controller.</p> <p>The following are the buttons pertaining to devices:</p> <ul style="list-style-type: none">• Select All - Selects all devices for the selected controller.• Unselect All - Unselects all devices for the selected controller.

Communications Dialog Box - Pools Tab

The following diagram shows the Communications dialog box Pools tab.

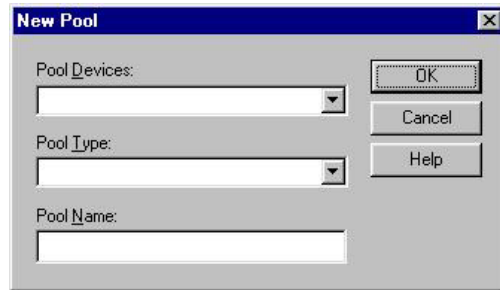


This table describes the parts of the Pools tab of the Sterling Gentran:Server Communications dialog box.

Part	Function
Pools list	<p>Lists user-defined device pools.</p> <p>The following are the buttons pertaining to pools:</p> <ul style="list-style-type: none"> • New - Adds a new device pool. • Delete - Removes a device pool. • Script - Allows you to select and edit a communications script. (This button is available only for Host or Host and Remote pools.)
Devices list	<p>Lists the devices assigned to a specific pool.</p> <p>The following are the buttons pertaining to devices:</p> <ul style="list-style-type: none"> • Add - Adds devices that are not already part of another pool. • Remove - Removes devices from a pool. • Move Up - Moves a device up in the Device list order. • Move Down - Moves a device down in the Device list order.

New Pool Dialog Box

The following diagram shows the New Pool dialog box.



This table describes the parts of the New Pool dialog box.

Part	Function
Pool Device	Choose a pool device from the list. The pool device is the type of communications device you are using.
Pool Type	Choose a pool type from the list. This type determines if you are initiating, receiving, or initiating and receiving communications sessions.
Pool Name	Type a unique identifier for this pool in this field.

Note: If you select CAPI as the Pool Device and Host Only or Host and Remote as the Pool Type, two additional options display for Integrated Services Digital Network (ISDN) channels:

- B - Channel - (Bearer channel)
- D - Channel - (Delta channel)

See your CAPI/ISDN documentation for additional information about B - Channel and D - Channel.

Note: If you select Sockets as the Pool Device and Host and Remote as the Pool Type, the Listen Port box displays on this dialog box.

Add Devices to Pool Dialog Box

The following diagram shows the Add Devices to Pool dialog box.



This table describes the parts of the Add Devices to Pool dialog box.

Part	Function
Available devices to add	Choose a communications device from the list.

Communications Dialog Box - Hosts Tab

The following diagram shows the Communications Dialog Box Hosts tab.

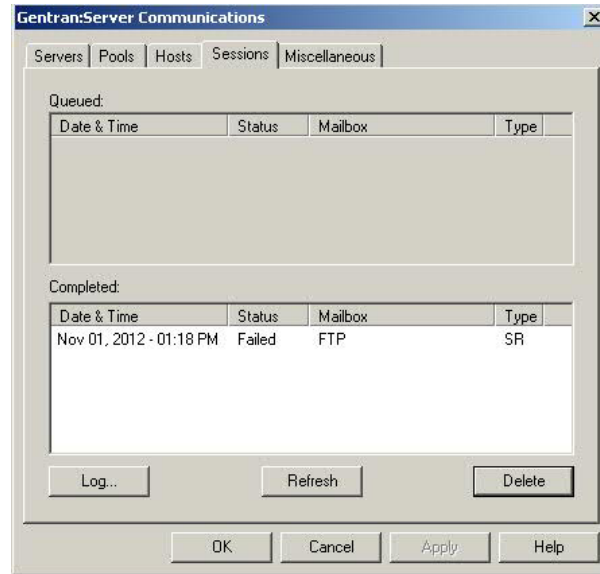


This table describes the parts of the Hosts tab of the Sterling Gentran:Server Communications dialog box.

Part	Function
Mailboxes	<p>Displays the list of mailboxes. A check mark next to the mailbox denotes that it has been set up as a host mailbox.</p> <p>The following are the buttons pertaining to servers:</p> <ul style="list-style-type: none"> • Select All - Selects all mailboxes. • Unselect All - Clears all check boxes. • Script - Defines the Advanced Data Distribution communications script to use with the selected host mailbox. • Defaults - Defines the default message content type and subtype for the selected mailbox, and the default message recipients.
Host Password	Defines the password your Trading Partner must use to access the selected mailbox.

Communications Dialog Box - Sessions Tab

The following diagram shows the Communications Dialog Box Sessions tab.

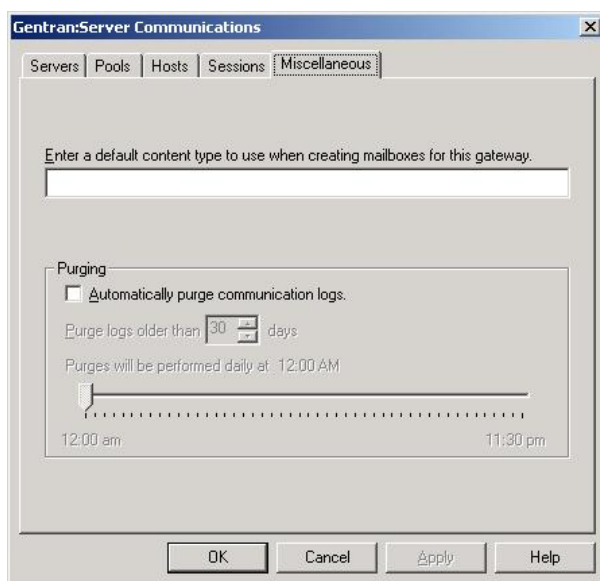


This table describes the parts of the Sessions tab of the Sterling Gentran:Server Communications dialog box and their functions.

Part	Function
Queued	Shows all communications sessions in a queued or running state for all communications controllers.
Completed	Shows all communications sessions with a status of successful or failed for all communications controllers.
Log	Displays the log for all completed sessions.
Refresh	Refreshes the screen, updating the display with new information.
Delete	Deletes the selected completed session from the log.

Communications Dialog Box - Miscellaneous Tab

The following diagram shows the Communications dialog box Miscellaneous tab.



This table describes the parts of the Miscellaneous tab of the Sterling Gentran:Server Communications dialog box and their function.

Part	Function
Default content type	Defines the default MIME content type and subtype for mailboxes that use this gateway. Note: We suggest you specify Application/EDI.
Automatically purge communication logs	Defines whether communication logs will be purged. The default is to leave this option disabled.
Purge logs older than __ days	Defines the number of days that Mailbox Server retains communication logs before purging them.
Purges will be performed at	Sets the time at which communication logs will be purged.

EICON X.25 Transport Properties Dialog Box

This table describes the parts of the EICON X.25 Transport Properties dialog box.

Part	Function
Device Pool	Select a device pool from the list.
Local DTE Address	Enter the Data Terminal Entry Address for the local machine. For example: 311061400155
Remote DTE Address	Enter the Data Terminal Entry Address for the remote machine to which you are connecting. For example: 23421231101715

Note: Ensure that the EICON X.25 hardware and software have been installed and configured before configuring the EICON X.25 Transport properties.

WS_FTP Transport Properties Dialog Box

This table describes the parts of the WS_FTP X.25 Transport Properties dialog box.

Part	Function
Device Pool	Select a device pool from the list.
Dialup Networking Phonebook Entry	Select the phonebook entry that you use for dialup connection.
Host Type	Select the FTP server to which you want to connect. The default value is Automatic Detect.
Host Name/Address	Enter the IP address of the FTP server in the form of XXX.XXX.XXX.XXX.
Host User ID	Enter your user name on the FTP server
Host Password	Enter your password on the FTP server
Host Port	Enter the socket number of the FTP server.
Host Account	Specifies the name of the account, if applicable.
Passive Transfers	Specifies that you want your PC to establish the data connection to the FTP site, rather than the FTP site establishing the data connection.
Firewall Type	Specifies the type of firewall associated with the FTP server to which you want to connect.
Firewall Name/Address	Specifies the name or IP address of the firewall
Firewall User ID	Specifies the firewall user ID, if applicable.
Firewall Password	Specifies the firewall password, if applicable.
Firewall Port	Specifies the firewall port, if applicable.
Firewall Account	Specifies the firewall account, if applicable.

Chapter 3. Mailbox Gateway Properties

Gateway Properties Dialog Box

The following diagram shows the Gateway Properties dialog box.

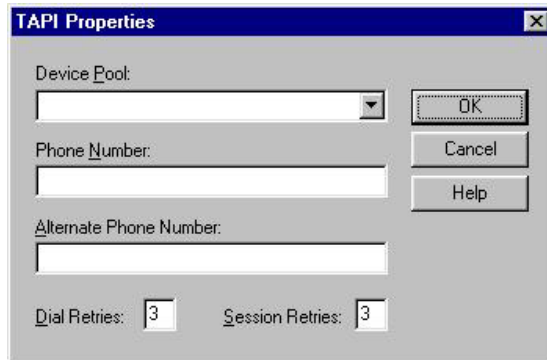


This table describes the parts of the Gateway Properties dialog box.

Part	Function
Transport	Enables you to select the transport type (method of communicating).
Properties	Enables you to define properties for the transport type that you selected.
Script	Launches the Script Editor.
Defaults	Launches the Message Defaults dialog box. Enables you to set the default content type for messages and attachments and to assign recipients.
Auto Send	Enables you to define Auto Send properties.
Tradanet	Enables you to define Tradanet properties.

TAPI Properties Dialog Box

The following diagram shows the TAPI Properties dialog box.

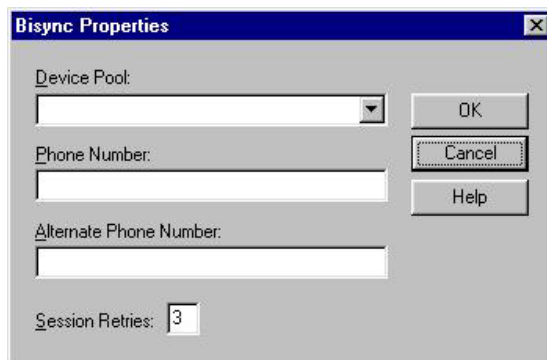


This table describes the parts of the TAPI Properties dialog box.

Part	Function
Device Pool	Select a communications device pool from the list.
Phone Number	Type the phone number of the computer you want to contact in this field.
Dial Retries	Select the number of times you want the Mailbox Server to redial the telephone number.
Session Retries	Select the number of times you want the Mailbox Server to restart the session.

Bisync Properties Dialog Box

The following diagram shows the Bisync Properties Dialog Box.

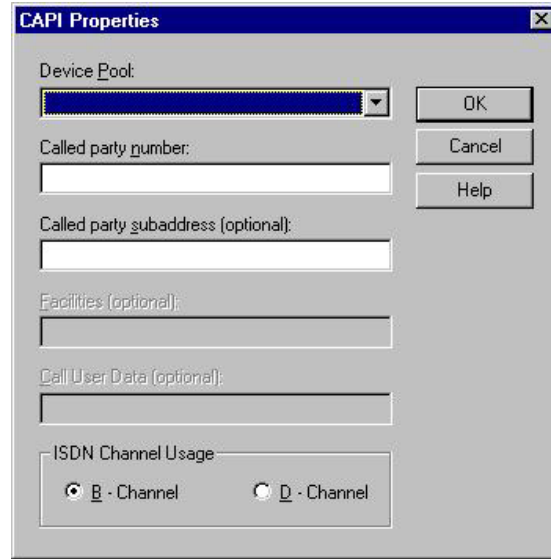


This table describes the parts of the Bisync Properties dialog box.

Part	Function
Device Pool	Type a Communications Device Pool or select an item from the list.
Phone Number	Type the phone number for the VAN or Trading Partner.
Session Retries	Select the number of times you want the Mailbox Server to restart the session.

CAPI Properties Dialog Box with B-Channel Option

The following diagram shows the CAPI Properties dialog box for the B-Channel Option.

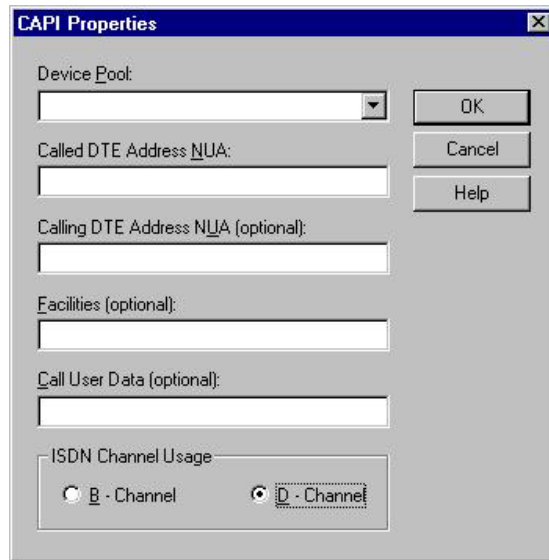


This table describes the parts of the CAPI Properties (with the B - Channel option selected) dialog box.

Part	Function
Device Pool	Type a Communications Device Pool or select an item from the list.
Called party Number	Type the ISDN phone number for the VAN or Trading Partner.
Called party subaddress (optional)	An optional entry used for ISDN multipoint connections.
Facilities (optional)	Unavailable. Does not apply to B - Channel usage.
Call User Data (optional)	Unavailable. Does not apply to B - Channel usage.
ISDN Channel Usage	Determines which channel the system uses for communications.

CAPI Properties Dialog Box with D-Channel Option

The following diagram shows the CAPI Properties dialog box for the D-Channel Option.

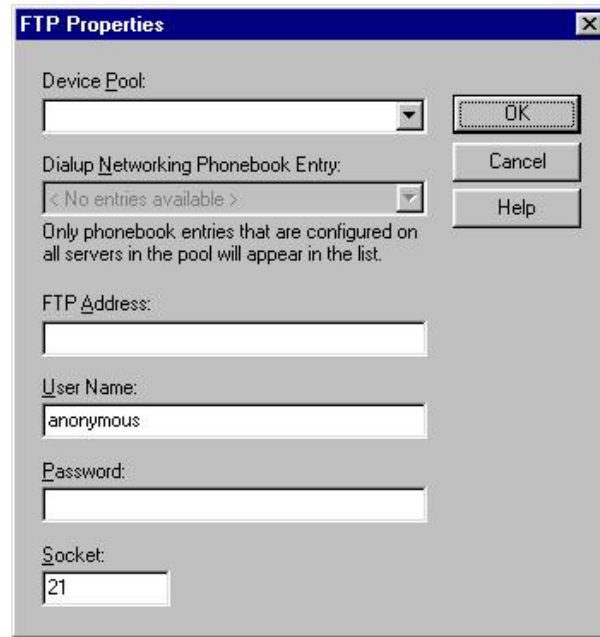


This table describes the parts of the CAPI Properties (with the D - Channel option selected) dialog box.

Part	Function
Device Pool	Type a Communications Device Pool or select an item from the list.
Called DTE Address NUA	Specifies the VAN or trading partner's Network User Address.
Calling DTE Address NUA (optional)	Specifies your Network User Address.
Facilities (optional)	In an X.25 packet switching data network, an optional field that the data terminal equipment (DTE) uses to convey call information to the network.
Call User Data (optional)	In X.25 communications, optional data that the user application includes in the call-request packet.
ISDN Channel Usage	Determines which channel the system uses for communications.

FTP Properties Dialog Box

The following diagram shows the FTP Properties dialog box.

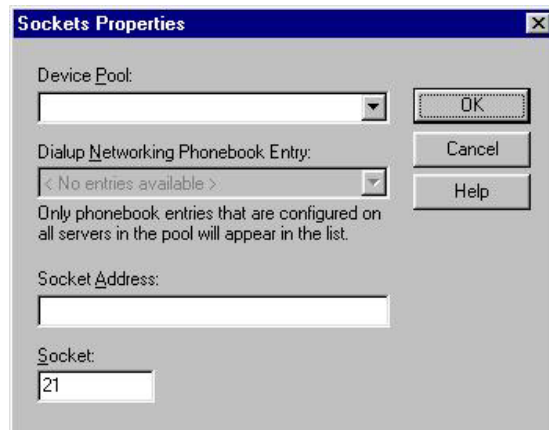


This table describes the parts of the FTP Properties dialog box.

Part	Function
Device Pool	Select a device pool from the list.
Dialup Networking Phonebook Entry	Select the phonebook entry that you use for dialup connection.
FTP Address	Type the IP (Internet Protocol) address of the FTP server in the form XXX.XXX.XXX.XXX.
User Name	Type your user name on the FTP Server.
Password	Type your password on the FTP Server.
Socket	Type the IP socket (port) number.

Sockets Properties Dialog Box

The following diagram shows the Sockets Properties dialog box.

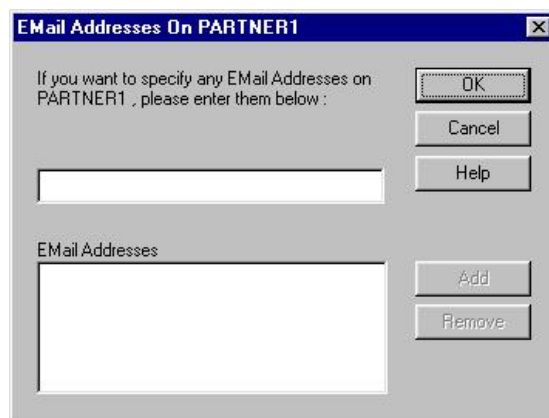


This table describes the parts of the Sockets Properties dialog box.

Part	Function
Device Pool	Select a device pool from the list.
Dialup Networking Phonebook Entry	Select the phonebook entry that you use for dialup connection.
Socket Address	Type the IP address of the computer you want to contact.
Socket	Type the IP socket (port) number.

Email Addresses Dialog Box

The following diagram shows the Email Addresses dialog box.



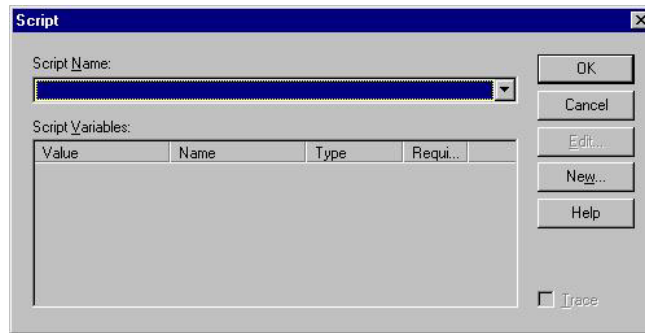
This table describes the parts of the Gateway Email Addresses dialog box.

Part	Function
Email address list	Type the e-mail address on the VAN for your trading partner.

Part	Function
Email Addresses list	This list contains all email addresses on the VAN or Trading Partner's computer who will receive messages. The following are the buttons pertaining to e-mail addresses: <ul style="list-style-type: none"> • Add - Add an Email Address. • Remove - Remove the selected Email Address.

Script Dialog Box

The following diagram shows the Script dialog box.

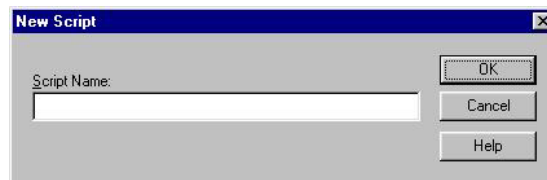


This table describes the parts of the Script dialog box.

Part	Function
Script Name	Select a communications script from the list.
Script Variables	Define the values for the selected script.
Edit	Edit the script.
New	Create a script.
Trace	Save trace data for the communications session.

New Script Dialog Box

The following diagram shows the New Script dialog box.

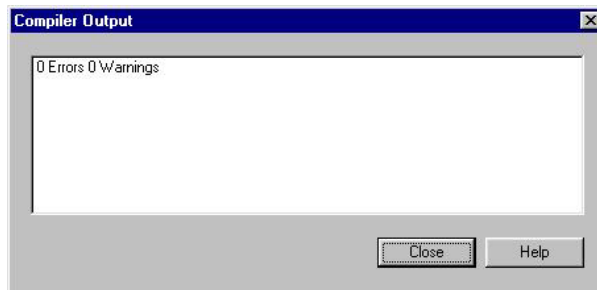


This table describes the parts of the New Script dialog box.

Part	Function
Script Name	Type the name of the communications script you want to use in this field.

Compiler Output Dialog Box

The following diagram shows the Compiler Output dialog box.

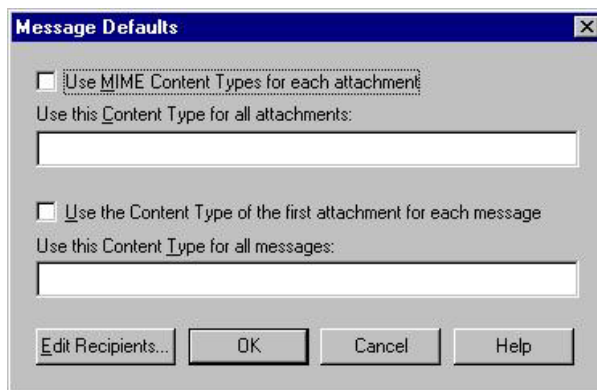


This table describes the parts of the Compiler Output dialog box

Part	Function
Compiler Output	After you compile a script, the output from the compiler (such as errors and warnings) is displayed.

Message Defaults Dialog Box

The following diagram shows the Message Defaults dialog box.



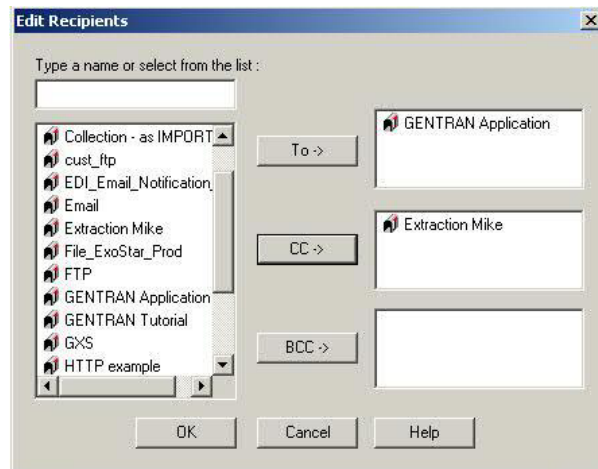
This table describes the parts of the Message Defaults dialog box.

Part	Function
Use MIME Content Type for each attachment	Select this option to use Multipurpose Internet Mail Extension (MIME) content types for each attachment.
Use this Content Type for all attachments	Type a content type and subtype to be used for all attachments (for example, Application/EDI).
Use the Content Type of the first attachment for each message	Select this option to use the content type of the first attachment in a message as the content type of the whole message.

Part	Function
Use this Content Type for all messages	Type a content type and subtype to be used for all messages (for example, Application/EDI).
Edit Recipients	Select the recipients to send the message to.

Edit Recipients Dialog Box

The following diagram shows the Edit Recipients dialog box.

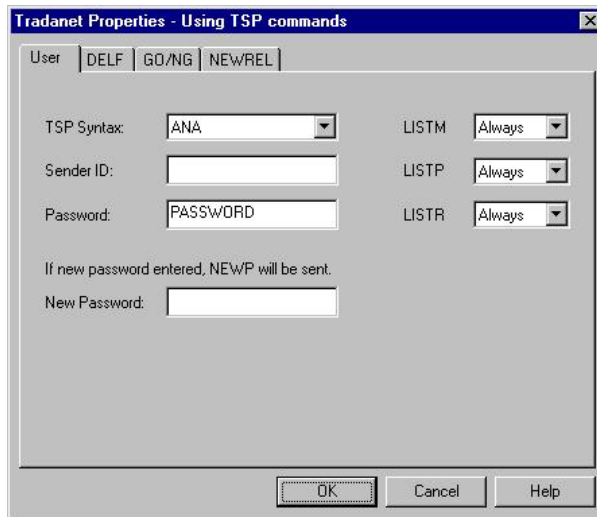


This table describes the parts of the Edit Recipients dialog box.

Part	Function
Type a name or select from the list	Type an email address or choose an item from the list.
Recipient	Displays a list of email addresses.
To	Make this email address a primary recipient.
CC	Make this email address a secondary recipient.
BCC	Make this email address a secondary recipient. This email address will not appear in the list of recipients that goes with the message.

Tradanet Properties - Using TSP Commands Dialog Box - User Tab

The following diagram shows the Tradanet Properties - Using TSP Commands dialog box, User tab.

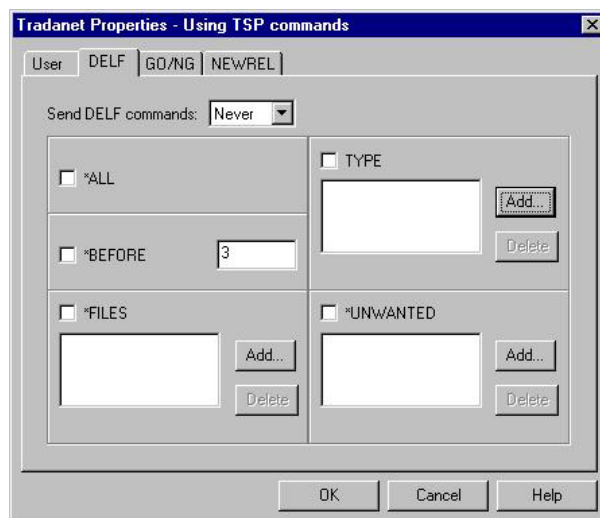


This table describes the parts of the Tradanet Properties - Using TSP Commands dialog box, User tab.

Part	Function
TSP Syntax	Defines the standard data syntax used with this gateway mailbox.
Sender ID	Identifies the sender using an EDI number or OFTP ID defined on the Tradanet Network.
Password	Defines the sender's password on the Tradanet Network.
New Password	Defines a new password for the user. If specified, a NEWP command is sent.
LISTM	Lists incoming messages in the users Tradanet Network Mailbox.
LISTP	Lists outgoing messages in the users Tradanet Network Postbox.
LISTR	Lists Tradanet Network relationships the user has defined.

Tradanet Properties - Using TSP Commands Dialog Box - DELF Tab

The following diagram shows the Tradanet Properties - Using TSP Commands dialog box, DELF tab.

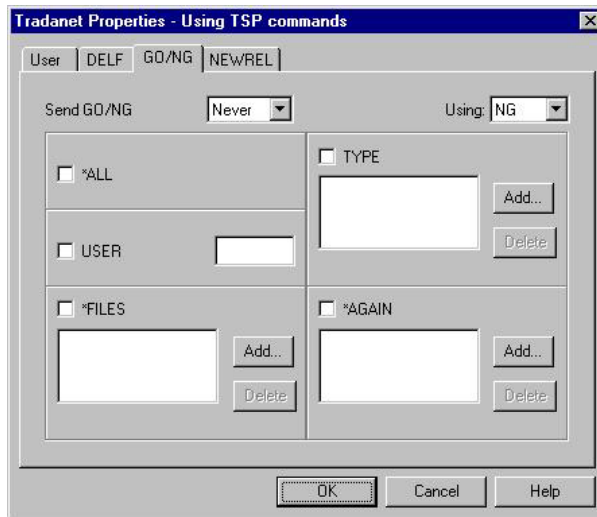


This table describes the parts of the Tradanet Properties - Using TSP Commands dialog box, DELF tab.

Part	Function
Send DELF commands	Defines when you want to send DELF commands.
ALL	Deletes all previously extracted files.
TYPE	Deletes all previously extracted files with the specified data type (APRF). The following are the buttons pertaining to the specified data type: <ul style="list-style-type: none"> • Add - Adds entries to the associated list. • Delete - Deletes entries from the associated list.
BEFORE	Deletes all previously extracted files older than the specified number of days.
FILES	Deletes only the previously extracted files that you specify. The following are the buttons pertaining to the extracted files: <ul style="list-style-type: none"> • Add - Adds entries to the associated list. • Delete - Deletes entries from the associated list.
UNWANTED	Deletes only the unextracted files that you specify. The following are the buttons pertaining to the unextracted files: <ul style="list-style-type: none"> • Add - Adds entries to the associated list. • Delete - Deletes entries from the associated list.

Tradonet Properties - Using TSP Commands Dialog Box - GO/NG Tab

The following diagram shows the Tradonet Properties - Using TSP Commands dialog box, GO/NG tab.

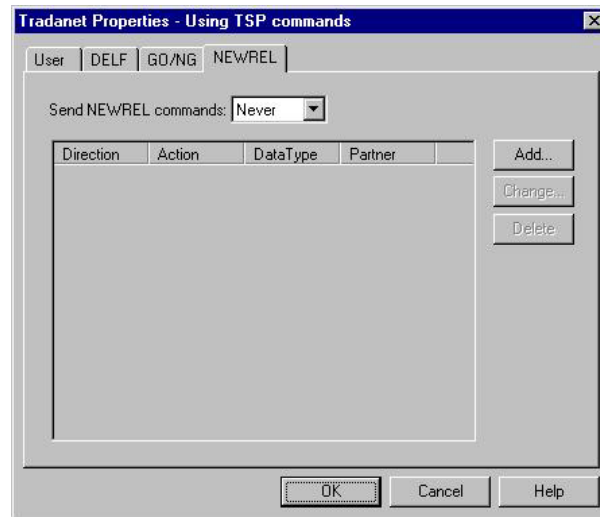


This table describes the parts of the Tradonet Properties - Using TSP Commands dialog box, GO/NG tab.

Part	Function
Send GO/NG	Defines when you want to send GO/NG commands.
Using	Selects whether to use the GO or NG command to receive files.
ALL	Specifies that all unextracted files will be received.
TYPE	Receives all unextracted files with the specified data type (APRF). The following are the buttons pertaining to the specified data type: <ul style="list-style-type: none"> • Add - Adds entries to the associated list. • Delete - Deletes entries from the associated list.
USER	Receives all unextracted files from the specified user. If this command is selected, all other options will be disabled since this command cannot use the SELF (Select Files) command.
FILES	Receives only the unextracted files that you specify. The following are the buttons pertaining to the unextracted files: <ul style="list-style-type: none"> • Add - Adds entries to the associated list. • Delete - Deletes entries from the associated list.
AGAIN	Receives only the previously extracted files that you specify. The following are the buttons pertaining to the extracted files: <ul style="list-style-type: none"> • Add - Adds entries to the associated list. • Delete - Deletes entries from the associated list.

Tradernet Properties - Using TSP Commands Dialog Box - NEWREL Tab

The following diagram shows the Tradernet Properties - Using TSP Commands dialog box, NEWREL tab.

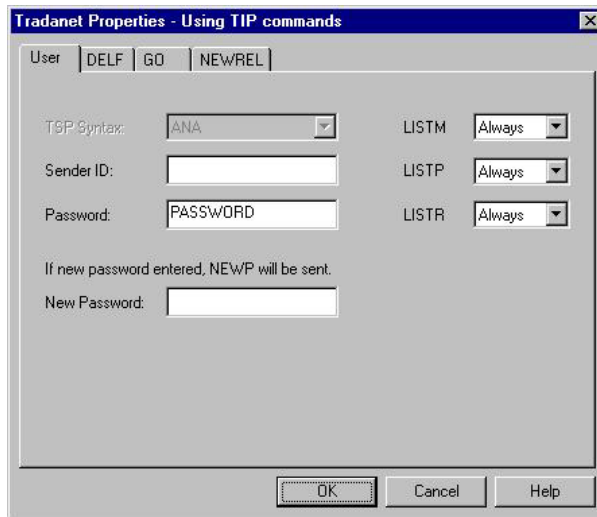


This table describes the parts of the Tradernet Properties - Using TSP Commands dialog box, NEWREL tab.

Part	Function
Send NEWREL commands	Defines when to send NEWREL commands.
Direction	Defines the direction that files are transmitted with the Relationship. Valid values are send and receive.
Action	Defines action to be taken with the relationship. Valid values are establish and cancel.
Data Type	Defines the type of data to be transmitted to the Trading Partner. Valid values are Any or a user-defined value.
Partner	Defines the name of the new Trading Partner. Valid values are Anybody or a user-defined value.
Add	Adds relationships to the list.
Change	Enables you to change a relationship in the list.
Delete	Deletes a relationship from the list.

Tradanet Properties - Using TIP Commands Dialog Box - User Tab

The following diagram shows the Tradanet Properties - Using TIP Commands dialog box, User tab.

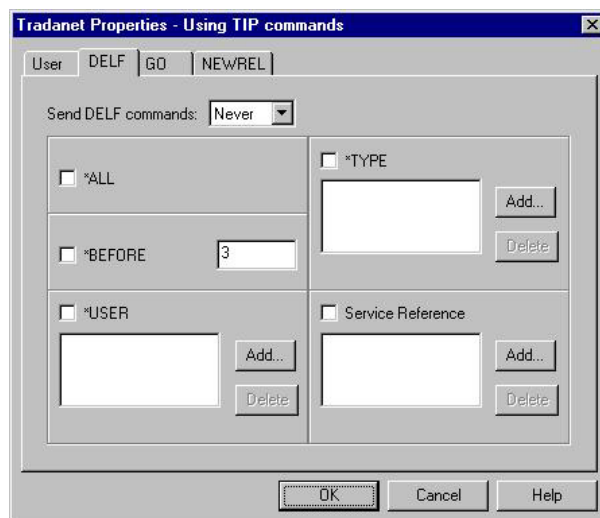


This table describes the parts of the Tradanet Properties - Using TIP Commands dialog box, User tab.

Part	Function
Sender ID	Identifies the sender using an EDI number or OFTP ID defined on the Tradanet Network.
Password	Defines the sender's password on the Tradanet Network.
New Password	Defines a new password for the user. If specified, a NEWP command will be sent.
LISTM	Lists incoming messages in the users Tradanet Network mailbox.
LISTP	Lists outgoing messages in the users Tradanet Network postbox.
LISTR	Lists Tradanet Network relationships the user has defined.

Tradanet Properties - Using TIP Commands Dialog Box - DELF Tab

The following diagram shows the Tradanet Properties - Using TIP Commands dialog box, DELF tab.

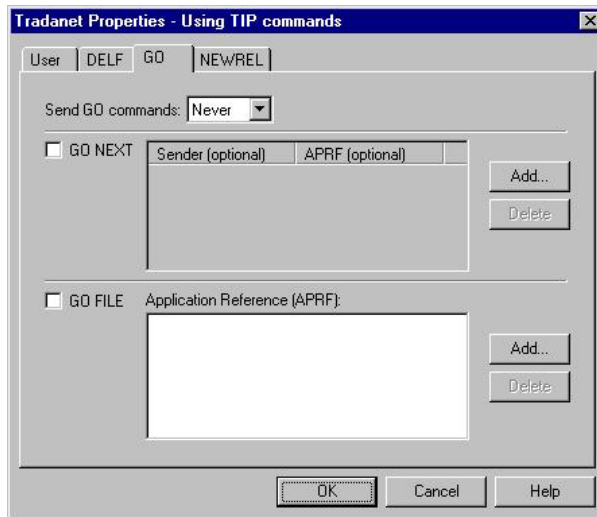


This table describes the parts of the Tradanet Properties - Using TIP Commands dialog box, DELF tab.

Part	Function
Send DELF commands	Defines when you want to send DELF commands.
ALL	Deletes all previously extracted files.
TYPE	Deletes all previously extracted files with the specified data type (APRF). The following are the buttons pertaining to the specified data type: <ul style="list-style-type: none"> • Add - Adds entries to the associated list. • Delete - Deletes entries from the associated list.
BEFORE	Deletes all previously extracted files older than the specified number of days.
USER	Deletes all previously extracted files from a specified service reference. The following are the buttons pertaining to the extracted files: <ul style="list-style-type: none"> • Add - Adds entries to the associated list. • Delete - Deletes entries from the associated list.
Service Reference	Deletes files with the specified service reference. The following are the buttons pertaining to the files: <ul style="list-style-type: none"> • Add - Adds entries to the associated list. • Delete - Deletes entries from the associated list.

Tradanet Properties - Using TIP Commands Dialog Box - GO Tab

The following diagram shows the Tradanet Properties - Using TIP Commands dialog box, GO tab.

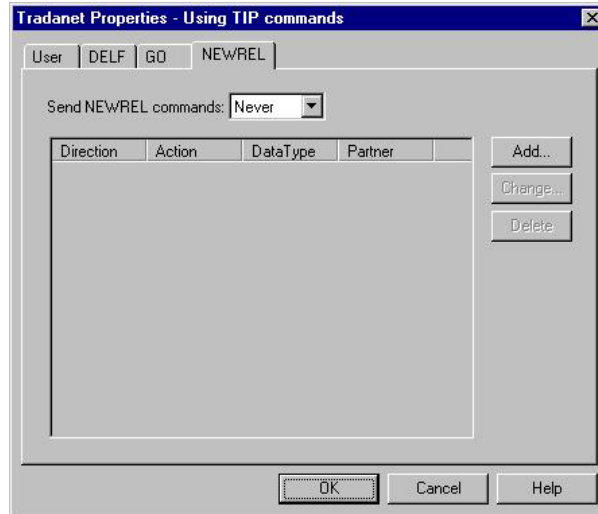


This table describes the parts of the Tradanet Properties - Using TIP Commands dialog box, GO tab.

Part	Function
Send GO commands	Defines when you want to send GO commands.
GO NEXT	<p>Receives all unextracted files.</p> <ul style="list-style-type: none"> • Sender (optional) list - Specifies that the service return the next logical file from the specific Sender designated. If set to blank spaces, the service retrieves the next logical file. This field can be used in conjunction with APRF (optional) list. • APRF (optional) list - Specifies that the service return the next logical file with an Application Reference that matches the APRF value entered. If set to blank spaces, the service retrieves the next logical file. This field can be used in conjunction with Sender (optional) list. <p>The following are the buttons pertaining to the unextracted files:</p> <ul style="list-style-type: none"> • Add - Adds entries to the associated list. • Delete - Deletes entries from the associated list.
GO FILE	<p>Retrieves the next logical file with the specified application Reference regardless of its status on the service. (Application Reference (APRF) list - list of application references received)</p> <p>The following are the buttons pertaining to the files:</p> <ul style="list-style-type: none"> • Add - Adds entries to the associated list. • Delete - Deletes entries from the associated list.

Tradanet Properties - Using TIP Commands Dialog Box - NEWREL Tab

The following diagram shows the Tradanet Properties - Using TIP Commands dialog box, NEWREL tab.



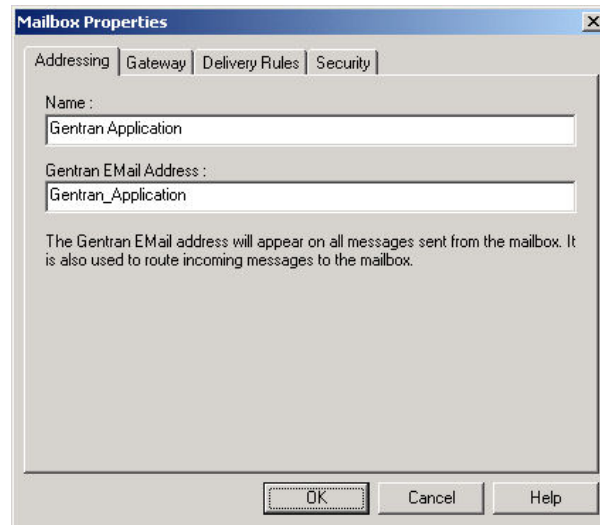
This table describes the parts of the Tradanet Properties - Using TIP Commands dialog box, NEWREL tab.

Part	Function
Send NEWREL commands	Defines when to send NEWREL commands.
Direction	Defines the direction that files are transmitted with the relationship. Valid values are send and receive.
Action	Defines action to be taken with the relationship. Valid values are establish and cancel.
Data Type	Defines the type of data to be transmitted to the trading partner. Valid values are Any or a user-defined value.
Partner	Defines the name of the new trading partner. Valid values are Anybody or a user-defined value.
Add	Adds a relationship to the list.
Change	Enables you to change relationship in the list.
Delete	Deletes a selected relationship from the list.

Chapter 4. Mailbox Properties

Mailbox Properties Dialog Box - Addressing Tab

The following shows an example of the Addressing tab of the Mailbox Properties dialog box.

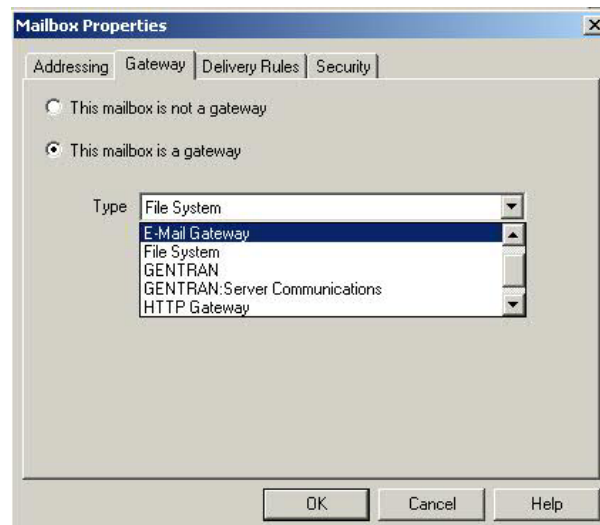


The following table describes the parts of the Addressing tab.

Part	Function
Name	Defines the name of the mailbox.
Gentran EMail Address	Defines the Sterling Gentran:Server email address for messages sent from the mailbox.

Mailbox Properties Dialog Box - Gateway Tab

The following shows an example of the Gateway tab of the Mailbox Properties dialog box.

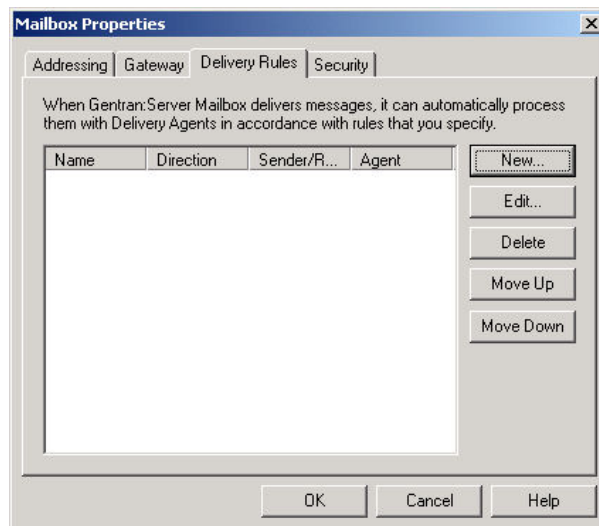


The following table describes the parts of the Gateway tab.

Part	Function
Gateway	Specifies whether the mailbox is or is not a gateway.
Type	Specifies the type of gateway. Active when "This mailbox is a gateway" is selected. Valid values are: <ul style="list-style-type: none"> • Connect:Direct • E-Mail • File System • Gentran • Gentran:Server Communications • HTTP • SAP
Configure	Enables you to configure properties for a selected gateway.

Mailbox Properties Dialog Box - Delivery Rules Tab

The following shows an example of the Delivery Rules tab of the Mailbox Properties dialog box.



The following table describes the parts of the Delivery Rules tab.

Part	Function
Name	Defines the name of the delivery rule.
Direction	Identifies whether the rule is run when sending or receiving a message.
Sender/Recipient	Identifies the mailbox of the sender or recipient. The mail address can be specified in addition to the mailbox name.
Agent	Identifies the name of the delivery agent to be run.
New	Creates new delivery rules.
Edit	Edits existing delivery rules.
Delete	Deletes the selected delivery rules.
Move Up	Moves the selected delivery rule up in the processing order.
Move Down	Moves the selected delivery rule down in the processing order.

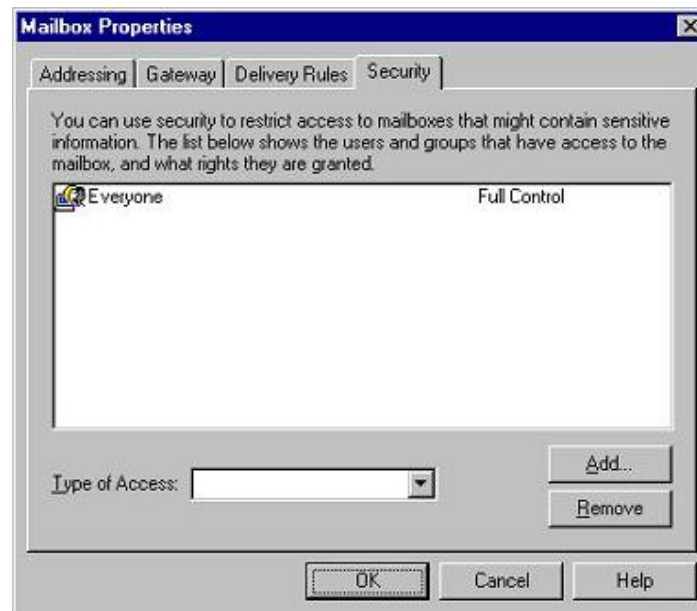
The following shows an example of the New/Edit Delivery Rule dialog box.



Mailbox Properties Dialog Box - Security Tab

The Security tab of the Mailbox Properties dialog box defines the level of access users have for the mailbox.

The following shows an example of the Security tab of the Mailbox Properties dialog box.



The following table describes the parts of the Security tab.

Part	Function
User list	Defines users and groups that have access to mailbox.
Type of Access	Designates level at which a user can interact with a mailbox. Values are: <ul style="list-style-type: none"> • Full control • Read • Write
Add	Enables you to grant mailbox access to users or groups.
Remove	Enables you to remove mailbox access for a user or group.

Chapter 5. Configuring Communications

Configuration process

This table lists the stages in configuring your communications for use with a VAN or a direct connection to a Trading Partner.

Stage	Description
1	Define your communications hardware using the Microsoft Windows modems applet in the control panel.
2	Configure the Sterling Gentran:Server Communications Gateway. See <i>Configuring Your Communications Gateway</i> for more information.
3	Create the mailboxes you intend to use. See <i>Creating Communications Mailboxes</i> for more information.

Configuring Your Communications Gateway

This topic describes how to configure your Sterling Gentran:Server Communications Gateway. This gateway is used for dialing out of the Sterling Gentran:Server system.

Before you begin

Ensure that the communications devices you are using for Sterling Gentran:Server communications have been defined on the Communications Controller.

About this task

Use this procedure to configure your Sterling Gentran:Server Communications Gateway.

Procedure

1. Start the Mailbox Server Manager.
The system displays the Mailbox Server Manager browser.
2. In the Server Manager pane, right-click the server name and select **Register Server**.
The system displays the Register Server dialog box.
3. Type the name of your mailbox server and click **OK**.
Note: If this is the primary controller, type the machine name.
4. Expand your Mailbox Server directory tree and select **Gentran:Server Communications** from the Gateway folder.
5. Right-click and select **Properties** to define the properties for this gateway.
The system displays the Servers tab of the Sterling Gentran:Server Communications properties dialog box.
6. Select the communications controller you are configuring from the Servers list.
A list of available communications devices for that communications controller appears in the Devices list.

7. Click the check box in front of the device to be made available for pooling from the Devices list.

Repeat Steps 1 through 8 for each communications controller in your Mailbox Server system. These steps make the communications devices on each communications controller available for use by any of the computers in the Mailbox Server system.

8. Select the **Pools** tab and click **New** to add a new Pool.

Note: You can select any machine in the Mailbox Server system.

The system displays the New Pool dialog box.

9. Select a device from the Pool Devices list.
10. Select **Remote Only** from the Pool Type list.
11. Type a unique name for this pool in the Pool Name box and click **OK**.
12. Click **Add** to add the device to the pool.
The system displays the Add device(s) to pool dialog box.
13. Highlight the server and device name and click **OK**.
The Pools tab dialog box is displayed. The device you added is now in the Devices list.
14. Click **OK** to complete the configuration of this gateway.
15. Stop the Sterling Gentran:Server Communications service on each communications controller. See “Stopping the Communications Service” for more information.
16. Stop the Sterling Gentran:Server Mailbox service. See “Stopping the Mailbox Service” on page 37 for more information.
17. Restart the Sterling Gentran:Server Mailbox service. See “Starting the Mailbox Service” on page 37 for more information.
18. Restart the Sterling Gentran:Server Communications service on each communications controller. See “Starting the Communications Service” on page 38 for more information.

What to do next

You are now ready to create mailboxes to use with this gateway.

Stopping the Communications Service

The Communications Service controls communications sessions between Mailbox Server and your trading partners.

About this task

Use this procedure when you change the pool type assigned to a device pool.

For example: You want to change a pool that has been defined as a remote-only pool to be a host pool. You must stop and restart the Communications Service before the modems assigned to that pool can answer incoming calls.

The Communications Service is dependent upon the Mailbox service. You may use the services applet in the Microsoft Windows control panel to stop the Communications service.

Use this procedure to stop the Communications Service.

Procedure

1. Start the **Mailbox Server Manager**.
2. Select the **Gentran:Server Communications** from the Gateway folder.
3. Right-click and select **Properties** to change the properties for this gateway.
4. Select the communications controller and click **Stop**.

All communications using the selected communications controller stop.

Note: Repeat this step for each communications controller.

5. Click **OK**.

Stopping the Mailbox Service

The Sterling Gentran:Server Mailbox service routes messages within the Mailbox system.

Before you begin

Before you stop the Mailbox service on Sterling Gentran:Server, you must stop the Executive and Communications services.

About this task

The Executive service is dependent upon the Mailbox service. You may use the services applet in the Microsoft Windows Control Panel to stop the Mailbox service.

You need to stop the Mailbox service before you perform routine maintenance tasks on your SQL database.

Use this procedure to stop the Mailbox service.

Procedure

1. Start the **Mailbox Server Manager**.
The system displays the Server Mailbox Manager browser.
2. Select the **Mailbox server**.
3. Right-click and select **Stop** to halt message routing on the selected Mailbox server.

Note: You will receive an error message if the Executive service or Communications service have not already been halted.

Starting the Mailbox Service

Normally, the Mailbox service is started automatically when you start the Executive service. However, there may be occasions when you are required to stop and restart the Mailbox service.

About this task

Use this procedure to start the Mailbox service.

Procedure

1. Start the **Mailbox Server Manager**.
The system displays the Mailbox Server Manager browser.
2. Select the **Mailbox server**.
3. Right-click and select **Start** to initiate message routing on the selected Mailbox server.

Note: Executive and Communications services must be restarted as well.

Starting the Communications Service

Normally, you must start the Communications Service manually when you start the Executive Service on the Primary System Controller. The Communications Service is dependent upon the Mailbox Service.

About this task

Note: You may use the services applet in the Microsoft Windows control panel to start the Sterling Gentran:Server Communications Service.

Use this procedure to start the Sterling Gentran:Server Communications Service.

Procedure

1. Start the **Mailbox Server Manager**.
2. Select the **Gentran:Server Communications** from the Gateway folder.
3. Right-click and select **Properties** to change the properties for this gateway.
4. Select the communications controller and click **Start**.
The selected communications controller begins transmitting and receiving queued messages.

Note: Repeat this step for each communications controller.

5. Click **OK**.

Creating Mailboxes

After you have configured the Sterling Gentran:Server Communications gateway, you must create mailboxes for each connection point.

Before you begin

Each mailbox you create is for a connection point. You do not necessarily need one mailbox for each trading partner. For example, you could have one mailbox for FTP connections and one mailbox for each VAN you connect to.

About this task

Use this procedure to create mailboxes.

Procedure

1. Start the Mailbox Server Manager.
2. Right-click on the **Mailboxes** folder and select **Create**.
The system displays the Create Mailbox Wizard dialog box.

3. Type the name of the mailbox you are creating and click **Next** twice.
The system displays a dialog asking whether you want to use the mailbox as a gateway to another messaging system.

4. Select **Yes, use this mailbox as a gateway**.

5. Select **Gentran:Server Communications** as the type of gateway to use with this mailbox and click **Next**.

The system displays the Create Mailbox Wizard - Summary dialog box. If any of the information you entered is not correct, click the **Back** button to correct the information.

6. Click **Finish**. The system displays the Gateway Properties dialog box.

Note: If you try to create a mailbox and the data store is missing, the system generates an error message box informing you that the mailbox cannot be created. Click **OK** to exit the message box and click **Cancel** to exit the Create Mailbox Wizard.

7. Depending on your type of communication, select one of the following from the Transport list:

- For asynchronous communications, select **TAPI**.
- For bisynchronous communications, select **BISYNC**.
- For TCP/IP, select **SOCKETS**.
- For File Transfer Protocol, select **FTP**.
- For WS_FTP Pro File Transfer Program, select **WSFTP**.

Note: You must install the WS_FTP program before you can begin to use this protocol to transfer messages.

- For ISDN, select **CAPI**.
- For Eicon X.25 communications, select **EICONX.25**.

Note: You must install the Eicon X.25 hardware and software before you can begin to use this protocol to transfer messages.

8. Click **Properties** to define the Transport properties.

The system displays the properties page for the transport type that you selected.

9. Fill in the fields as necessary and click **OK**.

10. Click **Script** to define the script and variable values.

The system displays the Script dialog box. See Script Language Reference in the *IBM Sterling Gentran:Server for Microsoft Windows Script Language Reference Guide* for a description of the script language provided for use with the Sterling Gentran:Server communications subsystem.

11. Click **New**.

12. Type a unique script name and click **OK**.

The system displays the Script Editor.

13. Select **File > Import**.

The system displays the Import Script dialog box.

14. Select a script and click **Open**.

A copy of the script file is loaded into the Script editor.

15. Select **File > Compile**.

The new script is compiled. The system displays a dialog box that shows you that the script compiled with no errors or warnings. You are also prompted to save the changes to the file.

Notes:

- If you receive errors during compilation, review the *IBM Sterling Gentran:Server for Microsoft Windows Script Language Reference Guide* to help you troubleshoot the problem.
- Compiled scripts are stored with the mailbox. The original script files stored in the CommScr folder remain unaltered. This allows you to have multiple copies of the same script available for use with this mailbox.

16. Close the compile dialog box and click **Yes** to save the compiled script.
17. Select **File > Exit** and click **Yes** to save changes.
The Script dialog box displays.
18. Select the variable you want to define and type the appropriate value in the value box. When you have entered values for all of the variables for this script, click **OK**.

Note: Not all scripts contain variables.

19. Click **Defaults** to define the message defaults for this gateway.
20. Type Application/EDI in the "Use this Content Type for all attachments" box.
21. Type Application/EDI in the "Use this Content Type for all messages" box.
22. Click **Edit Recipients**.
23. Select **Gentran Application** and click **To** to forward the message that you receive to Sterling Gentran:Server.
The system displays the EMail Addresses dialog box.
24. To specify an e-mail address, type the value and click **Add**. Repeat this step for each e-mail address that you want to specify. Click **OK** to return to the Edit Recipients dialog box.
25. Click **OK**.
The Message Defaults dialog box is displayed.
26. Click **OK**.
The Gateway Properties dialog box is displayed.
27. If you are using Tradanet, select **Enable Tradanet commands**. Select the command type that you want to use (TSP or TIP) and click **Configure**. Otherwise, click **OK** to save your changes and exit the Gateway Properties dialog box.

What to do next

If you are using Tradanet, do one of the following depending on the command type:

- For TSP, continue with "Configuring Tradanet TSP Properties" on page 41.
- For TIP, continue with "Configuring Tradanet TIP Properties" on page 41.

You need to set up your trading partners to use the mailboxes and you need to set up the delivery rules.

Configuring Tradanet TSP Properties

About this task

Use this procedure to configure Tradanet TSP properties.

Procedure

1. In the Tradanet Properties - Using TSP Commands dialog box, select the syntax you want to use. We recommend that you select ANA syntax.
2. Enter your EDI number or ANA User ID and Tradanet Network password.

Note: To enter a new password, type the value in the New Password box.

3. Select when to send LIST commands from the appropriate list.
4. Select the **DEL** tab and complete the fields.

The default number of days for deleting files is 3 days for files that have been extracted. The Tradanet Network charges for storage of entries that are more than 5 days old. We recommend that you delete extracted files that are 3 days old every day.

5. Select the **GO/NG** tab and complete the fields.
6. Select the **NEWREL** tab and complete the fields.

Important: Use the NEWREL dialog box only when creating or removing trading relationships on the Tradanet Network.

- a. Click **Add**.
- b. Select the Direction.
- c. Select the Action.
- d. Select the Data Type.
- e. Select the Trading Partner.
- f. Click **OK**.

The Tradanet Properties dialog box is displayed.

7. Click **OK** to save your changes and return to the Gateway Properties dialog box.
8. Click **OK** to exit the Gateway Properties dialog box.

Configuring Tradanet TIP Properties

About this task

Use this procedure to configure Tradanet TIP properties.

Procedure

1. In the Tradanet Properties - Using TIP Commands dialog box, enter your ANA User ID and Tradanet Network password.

Note: To enter a new password, type the value in the New Password box.

2. Select when to send LIST commands from the appropriate list.
3. Select the **DEL** tab and complete the fields.

The default number of days for deleting files is 3 days for files that have been extracted. The Tradanet Network charges for storage of entries that are more than 5 days old. We recommend that you delete extracted files that are 3 days old every day.

4. Select the **GO** tab and complete the fields.
5. Select the **NEWREL** tab and complete the fields.

Important: Use the NEWREL dialog box only when creating or removing trading relationships on the Tradanet Network.

- a. Click **Add**.
- b. Select the Direction.
- c. Select the Action.
- d. Select the Data Type.
- e. Select the Trading Partner.
- f. Click **OK**.

The Tradanet Properties dialog box is displayed.

6. Click **OK** to save your changes and return to the Gateway Properties dialog box.
7. Click **OK** to exit the Gateway Properties dialog box.

Modifying Mailbox Properties

This topic describes how to modify mailbox properties that were created using the Create Mailbox Wizard.

About this task

Use this procedure to modify mailbox properties.

Procedure

1. Start the **Mailbox Server Manager**.
2. From the Mailboxes folder, select the mailbox for which you want to add or modify properties.
3. Right-click and select **Properties**.
4. Do one of the following:
 - If you want to change the mailbox name or Sterling Gentran:Server e-mail address, click the **Addressing** tab.
 - If you want to change the mailbox gateway properties or configuration properties, click the **Gateway** tab.
 - If you want to change the mailbox delivery rules, click the **Delivery Rules** tab.
 - If you want to change the mailbox user security permissions, click the **Security** tab.
5. Make the appropriate modifications and click **OK** to save changes and exit the dialog box.

Chapter 6. Error Messages

Gateway Error Message Details

This topic describes error messages associated with this communications gateway.

Table 1. Gateway Error Messages

Msg ID	Message Text	Explanation	Your Action
5	StartServiceCtrlDispatcher failed: [(numeric error code)] [(error message description)].	Occurs if the service fails to start.	Contact customer support.
8	OpenSCManager failed: [(numeric error code)] [(error message description)].	Occurs when the system is unable to open the service control manager when performing an install or remove service command line function.	Contact customer support.
9	GetModuleFileName failed: [(numeric error code)] [(error message description)].	Occurs when an attempt is made to get the module name to perform an install or remove service command line function.	Contact customer support.
10	CreateService [(service name)] failed: [(numeric error code)] [(error message description)].	Occurs when calling the CreateService function to perform an install service command line function.	Contact customer support.
11	CLAPIInitialise failed.	The CLAPI interface used to communicate with the Sterling Gentran:Server system failed to initialize.	Contact customer support.
12	OpenService [(service name)] failed: [(numeric error code)] [(error message description)].	Occurs when calling the OpenService function to perform a remove service command line function.	Contact customer support.
13	DeleteService [(service name)] failed: [(numeric error code)] [(error message description)].	Occurs when calling the DeleteService function to perform a remove service command line function.	Contact customer support.
15	RegisterServiceCtrlHandler failed: [(numeric error code)] [(error message description)].	Occurs if the call to register the service control handler fails in service main.	Contact customer support.
16	RPC failed to connect to Primary Controller.	Occurs if an RPC connection to the primary controller could not be established.	Contact customer support.
50000	ATMOpenStream, [(result)] [(line number)] GenCom,PC.dll was unable to open a stream to Atmid# [(attachment ID)] of MsgId# [(message ID)] for [reading or writing]	Error opening an attachment to either read it or write to it.	Contact customer support.
50001	CArchive exception occurred at line [(line in the code that caused the error)].	Generic error message used when a CArchive exception occurs.	Contact customer support.
50002	RpcServerUseProtseqEp (Named Pipe) failed at line [(line in the code that caused the error)]: [(RPC error)].	Generic error message used when calls to the RPC server fail.	Contact customer support.

Table 1. Gateway Error Messages (continued)

Msg ID	Message Text	Explanation	Your Action
50003	RpcServerUseProtseqEp (Local) failed at line [(line in the code that caused the error)]: [(RPC error)].	Generic error message used when calls to the RPC server fail.	Contact customer support.
50004	RpcServerInqBindings failed at line [(line in the code that caused the error)]: [(RPC error)].	Generic error message used when calls to the RPC server fail.	Contact customer support.
50005	UuidFromString failed at line [(line in the code that caused the error)]: [(RPC error)].	Generic error message used when calls to the RPC server fail.	Contact customer support.
50006	RpcEpRegister failed at line [(line in the code that caused the error)]: [(RPC error)].	Generic error message used when calls to the RPC server fail.	Contact customer support.
50007	RpcBindingVectorFree failed at line [(line in the code that caused the error)]: [(RPC error)].	Generic error message used when calls to the RPC server fail.	Contact customer support.
50008	RpcServerRegisterIf failed at line [(line in the code that caused the error)]: [(RPC error)].	Generic error message used when calls to the RPC server fail.	Contact customer support.
50009	RpcStringBindingCompose failed at line [(line in the code that caused the error)]: [(RPC error)].	Generic error message used when calls to the RPC server fail.	Contact customer support.
50010	RpcBindingFromStringBinding failed at line [(line in the code that caused the error)]: [(RPC error)].	Generic error message used when calls to the RPC server fail.	Contact customer support.
50011	RpcException occurred at line [(line in the code that caused the error)]: [(RPC error)].	Generic error message used when calls to the RPC server fail.	Contact customer support.
50012	Invalid device pool version.	Occurs if the version of the device pool information is incompatible with the version of software that you are running.	Delete and rebuild your device pool.
50013	CreateThread [(thread name)] failed at line [(line in the code caused the error)]: [(numeric error code)] [(error message description)].	Generic error message used when calling the CreateThread function.	Contact customer support.
50014	CreateEvent [(event name)] failed at line [(line in the code caused the error)]: [(numeric error code)] [(error message description)].	Generic error message used when calling the CreateEvent function.	Contact customer support.
50015	SetCurrentDirectory [(directory name)] failed at line [(line in the code caused the error)]: [(numeric error code)] [(error message description)].	Generic error message used when calling the SetCurrentDirectory function.	Contact customer support.
50016	CreateFile [(file name)] failed at line [(line in the code caused the error)]: [(numeric error code)] [(error message description)].	Generic error message used when calling the CreateFile function.	Contact customer support.
50017	ReadFile [(file name)] failed at line [(line in the code caused the error)]: [(numeric error code)] [(error message description)].	Generic error message used when calling the ReadFile function.	Contact customer support.

Table 1. Gateway Error Messages (continued)

Msg ID	Message Text	Explanation	Your Action
50018	WaitForObject failed at line [(line in the code caused the error)]: [(numeric error code)] [(error message description)].	Generic error message used when calling the WaitForObject function.	Contact customer support.
50019	RpcMgmtIsServerListening failed at line [(line in the code caused the error)]: [(RPC error)].	Generic error message used when calls to the RPC server fail.	Contact customer support.
50020	RpcServerUnregisterIf failed at line [(line in the code caused the error)]: [(RPC error)].	Generic error message used when calls to the RPC server fail.	Contact customer support.
50021	RpcEpUnregister failed at line [(line in the code caused the error)]: [(RPC error)].	Generic error message used when calls to the RPC server fail.	Contact customer support.
50022	RpcMgmtStopServerListening failed at line [(line in the code caused the error)]: [(RPC error)].	Generic error message used when calls to the RPC server fail.	Contact customer support.
50023	RpcServerListen failed at line [(line in the code caused the error)]: [(RPC error)].	Generic error message used when calls to the RPC server fail.	Contact customer support.

Chapter 7. Working with OFTP

SSID and SFID Commands and Scripts

The OFTP protocol uses the SSID and SFID commands to control the flow of data during an OFTP communications session. These commands are created dynamically by Mailbox Server at the start of a communications session. Mailbox Server uses the values you assign to the communications script to create the SSID and SFID commands.

To send data to a trading partner by means of the OFTP protocol, you must assign values to the following script variables when you create the Communications Gateway mailbox:

- The sender's OFTP ID (the sender's OFTP code or SSID)
- The sender's OFTP password
- The sender's new OFTP password, if the sender is changing the password

Note: To enable a trading partner to initiate a communications session to an OFTP server, you must assign values to the following script variables when you configure the Communications Gateway for Advanced Data Distribution:

- The host's SSID code
- The host's SSID password

Creating a Partner Definition - for OFTP Remote VAN Users

When sending data using the OFTP protocol, you must define the recipient's OFTP ID (also known as SFID) in the e-mail address in the Sterling Gentran:Server Partner Definition.

Before you begin

Before you begin this procedure, verify that you have the following information:

- Your trading partner's OFTP SFID (typically your trading partner's Mailbox ID)
- Your trading partner's application code

About this task

Use this procedure to create a new partner definition for use with OFTP.

Procedure

1. In Sterling Gentran:Server, select **Partners** from the appropriate area of The Desk.
2. Click **New**.
3. Complete the following:
 - **Profile ID:** Enter your trading partner's internal system identification information.
 - **Name:** Enter the name of how you want Partner Editor to identify your trading partner.
 - **EDI Code:** Enter your trading partner's EDI code (SFID).

- **Application Code:** Enter your trading partner's application code (outbound).
- **Mailbox:** From the drop-down list, select the appropriate Mailbox Server mailbox.
- **E-mail Address:** Enter your trading partner's SFID code.

Note: The SSID can be changed on a per-partner basis by appending a forward slash (/) followed by the ID for that partner in the partner profile e-mail address.

Your Partner Definition - New dialog box should look similar to the following.

4. Click **Save**.
5. Click **Exit**.

Defining the Virtual Filename and Data Format

You can use the content type of the message attachment to define the data format and override the OFTP filename being created on the remote OFTP machine.

About this task

Use this procedure to define the virtual filename or data format.

Procedure

1. Select **Partners** from The Desk.
2. Select your Partner and click **Outbound**.
3. From the Relationship description drop-down list, select the outbound relationship.
4. Click **Interchanges**.
5. Select the outbound interchange and click **Edit**.
6. Click **Advanced**.
7. To override the filename, enter `FileName_xx` in the Content Type box (where: xx is the filename you want to create on the remote OFTP machine).
8. To specify a data format, enter `DataFormat_xx` in the Content Type box (where: xx is the data format).
9. To specify both, enter `FileName_xx/DataFormat_xx`.

Note: The Content Type field value is in the form of Content type/Content Subtype. The Content type is a mandatory value and must be followed by a forward slash. A Content Subtype value must be preceded by a Content Type and a forward slash.

Examples

FileName_out161/
DataFormat_v/FileName_xx

10. Click **Save** to return to the Outbound Interchange Select dialog box.
11. Click **Exit** to return to the Outbound Relationship dialog box.
12. Click **Save**.
13. Click **Exit** twice to return to The Desk.

Notices

This information was developed for products and services offered in the U.S.A.

IBM may not offer the products, services, or features discussed in this document in other countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service.

IBM may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not grant you any license to these patents. You can send license inquiries, in writing, to:

IBM Director of Licensing

IBM Corporation

North Castle Drive

Armonk, NY 10504-1785

U.S.A.

For license inquiries regarding double-byte character set (DBCS) information, contact the IBM Intellectual Property Department in your country or send inquiries, in writing, to:

Intellectual Property Licensing

Legal and Intellectual Property Law

IBM Japan Ltd.

19-21, Nihonbashi-Hakozakicho, Chuo-ku

Tokyo 103-8510, Japan

The following paragraph does not apply to the United Kingdom or any other country where such provisions are inconsistent with local law:

INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be

incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Any references in this information to non-IBM Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this IBM product and use of those Web sites is at your own risk.

IBM may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Licensees of this program who wish to have information about it for the purpose of enabling: (i) the exchange of information between independently created programs and other programs (including this one) and (ii) the mutual use of the information which has been exchanged, should contact:

IBM Corporation

J46A/G4

555 Bailey Avenue

San Jose, CA 95141-1003

U.S.A.

Such information may be available, subject to appropriate terms and conditions, including in some cases, payment of a fee.

The licensed program described in this document and all licensed material available for it are provided by IBM under terms of the IBM Customer Agreement, IBM International Program License Agreement or any equivalent agreement between us.

Any performance data contained herein was determined in a controlled environment. Therefore, the results obtained in other operating environments may vary significantly. Some measurements may have been made on development-level systems and there is no guarantee that these measurements will be the same on generally available systems. Furthermore, some measurements may have been estimated through extrapolation. Actual results may vary. Users of this document should verify the applicable data for their specific environment.

Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

All statements regarding IBM's future direction or intent are subject to change or withdrawal without notice, and represent goals and objectives only.

All IBM prices shown are IBM's suggested retail prices, are current and are subject to change without notice. Dealer prices may vary.

This information is for planning purposes only. The information herein is subject to change before the products described become available.

This information contains examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples include the names of individuals, companies, brands, and products. All of these names are fictitious and any similarity to the names and addresses used by an actual business enterprise is entirely coincidental.

COPYRIGHT LICENSE:

This information contains sample application programs in source language, which illustrate programming techniques on various operating platforms. You may copy, modify, and distribute these sample programs in any form without payment to IBM, for the purposes of developing, using, marketing or distributing application programs conforming to the application programming interface for the operating platform for which the sample programs are written. These examples have not been thoroughly tested under all conditions. IBM, therefore, cannot guarantee or imply reliability, serviceability, or function of these programs. The sample programs are provided "AS IS", without warranty of any kind. IBM shall not be liable for any damages arising out of your use of the sample programs.

Each copy or any portion of these sample programs or any derivative work, must include a copyright notice as follows:

© IBM 2012. Portions of this code are derived from IBM Corp. Sample Programs. © Copyright IBM Corp. 2012.

If you are viewing this information softcopy, the photographs and color illustrations may not appear.

Trademarks

IBM, the IBM logo, and [ibm.com](http://www.ibm.com)[®] are trademarks or registered trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the Web at "Copyright and trademark information" at <http://www.ibm.com/legal/copytrade.shtml>.

Adobe, the Adobe logo, PostScript, and the PostScript logo are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States, and/or other countries.

IT Infrastructure Library is a registered trademark of the Central Computer and Telecommunications Agency which is now part of the Office of Government Commerce.

Intel, Intel logo, Intel Inside, Intel Inside logo, Intel Centrino, Intel Centrino logo, Celeron, Intel Xeon, Intel SpeedStep, Itanium, and Pentium are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

Microsoft, Windows, Windows NT, and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both.

ITIL is a registered trademark, and a registered community trademark of the Office of Government Commerce, and is registered in the U.S. Patent and Trademark Office.

UNIX is a registered trademark of The Open Group in the United States and other countries.

Java™ and all Java-based trademarks and logos are trademarks or registered trademarks of Oracle and/or its affiliates.

Cell Broadband Engine is a trademark of Sony Computer Entertainment, Inc. in the United States, other countries, or both and is used under license therefrom.

Linear Tape-Open, LTO, the LTO Logo, Ultrium and the Ultrium Logo are trademarks of HP, IBM Corp. and Quantum in the U.S. and other countries.

Connect Control Center®, Connect:Direct®, Connect:Enterprise®, Gentran®, Gentran®:Basic®, Gentran:Control®, Gentran:Director®, Gentran:Plus®, Gentran:Realtime®, Gentran:Server®, Gentran:Viewpoint®, Sterling Commerce™, Sterling Information Broker®, and Sterling Integrator® are trademarks or registered trademarks of Sterling Commerce®, Inc., an IBM Company.

Other company, product, and service names may be trademarks or service marks of others.

Index

A

Application/EDI content type 38
async 38
auto send properties 13

B

BISYNC 38
Bisync Properties dialog box 14

C

CAPI properties
 B-Channel 15
 D-Channel 16
CAPI Properties dialog box 15, 16
CommScr folder 38
communication logs 10
Communications dialog box
 Hosts tab 8
 Miscellaneous tab 10
 Pools tab 6
 Servers tab 5
 Sessions tab 9
communications errors 43
communications gateway 31, 32, 33
communications gateway introduction 1
communications scripts 19, 20
communications service
 starting 38
 stopping 36
 stopping communications service 36
compiler 20
Compiler Output dialog box 20
configuration process overview 35
configuring
 communications gateway 35
 creating mailboxes 38
content subtypes 2
content types 2, 10, 13, 20, 48
 Application/EDI 38

D

data formats for OFTP 48
DELFL commands 23, 27
delivery agents 32
delivery rules
 properties 32

E

e-mail addresses
 Gentran mailbox 31
Edit Recipients dialog box 21
Eicon X.25 communications 38
Email Addresses dialog box 18
email recipients 21
error messages 43

F

FTP Properties dialog box 17

G

gateway errors 43
Gateway Properties dialog box 13
gateway types 31
GO commands 28
GO/NG commands 24

H

hosts 8
Hosts tab 8

L

log purge 10

M

mailbox access 33
mailbox properties 42
 delivery rules 32
Mailbox Properties dialog box
 Addressing tab 31
 Delivery Rules tab 32
 Gateway tab 31
 Security tab 33
Mailbox Server 1
mailboxes
 creating 38
 delivery rules 32
 modifying 42
manually starting Mailbox service 37
manually stopping Mailbox service 37
message content 20
Message Defaults dialog box 20
message flow
 Communications Gateway 2
message properties 13
message recipients 21
Miscellaneous tab 10

N

New Pool dialog box 7
New Script dialog box 19
NEWREL commands 25, 29

O

OFTP protocol 47, 48

P

partner definitions 47
pools 6, 7, 14, 15, 16, 17, 18
Pools tab 6

R

remote VAN users 47

S

Script dialog box 19
script editor 13
Script Language Reference Guide 38
scripts 19, 20, 38, 47
security access 33
servers 5
Servers tab 5
session properties 14, 15, 16, 17, 18
sessions 9
Sessions tab 9
SFID commands 47
Sockets Properties dialog box 18
SSID commands 47
starting communications service 38
starting Mailbox service 37
stopping Mailbox service 37

T

TAPI Properties dialog box 14
TIP commands 26, 27, 28, 29
Tradanet 22, 23, 24, 25, 26, 27, 28, 29
Tradanet properties 13
Tradanet TIP DELFL properties 27
Tradanet TIP GO properties 28
Tradanet TIP NEWREL properties 29
Tradanet TIP properties 41
Tradanet TIP user properties 26
Tradanet TSP DELFL properties 23
Tradanet TSP GO/NG properties 24
Tradanet TSP NEWREL properties 25
Tradanet TSP properties 41
Tradanet TSP user properties 22
trading partner email addresses 18
transport type 13
TSP commands 22, 23, 24, 25

U

using TIP 26
using TSP 22

V

virtual filenames for OFTP 48

W

WS_FTP Pro File Transfer Program 38



Product Number: 5725-D09

Printed in USA