

Advanced Data Distribution Gateway Configuration Guide

Version 5.3.1



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

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Chapter 1. Advanced Data Distribution Overview

Advanced Data Distribution

Mailbox Server's Advanced Data Distribution allows your Trading Partners to initiate a communications session. Unlike a standard communications session where IBM® Sterling Gentran:Server® for Microsoft Windows contacts a VAN or Trading Partner, Advanced Data Distribution is passive, waiting for a Trading Partner to contact you.

The purpose of Advanced Data Distribution is to allow your Trading Partners to place calls into the Sterling Gentran:Server system and pick up or drop off data.

Communications processes are controlled by Mailbox Server and by a suite of communications scripts provided by IBM. The basic Mailbox Server that is delivered as part of Sterling Gentran:Server provides you with the ability to communicate with your Trading Partners.

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.

About the Advanced Data Distribution Gateway

You must configure the Sterling Gentran:Server Communications Gateway Advanced Data Distribution properties before you can begin transferring messages.

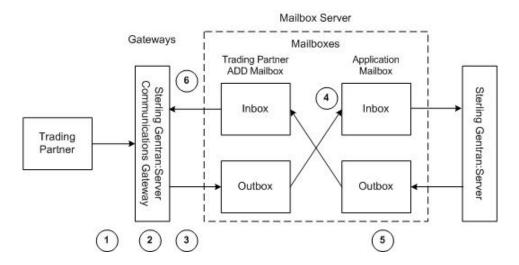
When you configure the gateway, you define the:

• communications controller that services the modem or network card you are using to communicate with your Trading Partners

- device pool containing the modem or network card you intend to use with this gateway
- attachment content type defaults to be assigned to messages that are transferred through this gateway.
- the Advanced Data Distribution script to be used with the gateway
- the mailbox name and passwords for the Trading Partners using the gateway

Advanced Data Distribution Message Flow

This diagram shows the flow of messages using Advanced Data Distribution. The numbers in this diagram correspond to the stages listed in the table below.



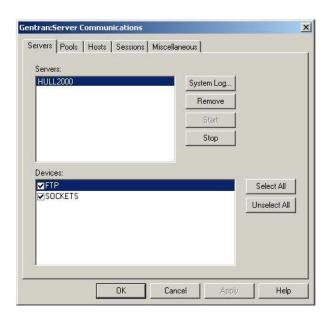
This table describes the flow of messages using Advanced Data Distribution.

Stage	Description
1	A Trading Partner initiates a communications session. A Trading Partner may send, receive, or send and receive messages during a session.
2	The Sterling Gentran:Server Communications Gateway starts Advanced Data Distribution and runs the Advanced Data Distribution script associated with this gateway.
3	Messages being sent to Mailbox Server are retrieved by the Sterling Gentran:Server Communications Gateway and routed to the Trading Partner's OutBox.
4	Mailbox Server transfers the message from the Trading Partner's OutBox to the Sterling Gentran:Server Application Mailbox InBox.
5	Any messages that are have been sent to this Trading Partner are moved from the Sterling Gentran:Server Application OutBox to the Trading Partner's InBox.
6	The Sterling Gentran:Server Communications Gateway retrieves any messages stored in the Trading Partner's InBox and transfers them to the Trading Partner's computer.

Chapter 2. Sterling Gentran: Server Communications Properties

Communications Dialog Box - Servers Tab

The following diagram shows the Communications Dialog Box Server tab.

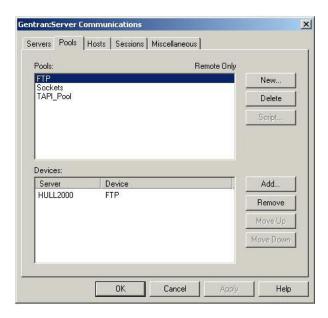


The following table describes the parts of the Servers tab of the Sterling Gentran:Server Communications dialog box.

Part	Function
Servers	Displays the communications controllers available to Mailbox Server. You may have multiple communications controllers in your Mailbox Server system.
	The following are the buttons pertaining to servers:
	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	Displays the devices available for use with Mailbox Server. The devices shown in this list are the devices for each respective communications controller.
	The following are the buttons pertaining to devices:
	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.

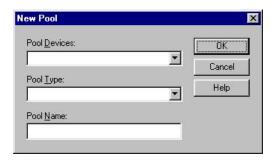


This table describes the parts of the Pools tab of the Sterling Gentran:Server Communications dialog box.

Part	Function
Pools list	Lists user-defined device pools.
	The following are the buttons pertaining to pools:
	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	Lists the devices assigned to a specific pool.
	The following are the buttons pertaining to devices:
	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.

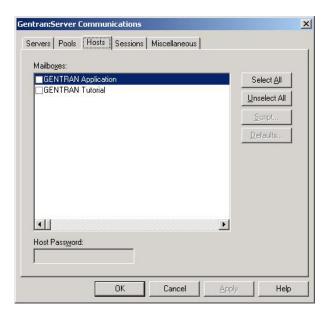


This table describes the parts of the Add Devices to Pool dialog box.

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.

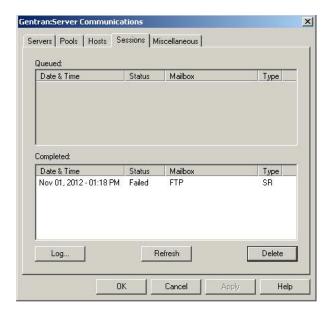


This table describes the parts of the Hosts tab of the Sterling Gentran:Server Communications dialog box.

Part	Function	
Mailboxes	Displays the list of mailboxes. A check mark next to the mailbox denotes that it has been set up as a host mailbox.	
	The following are the buttons pertaining to servers:	
	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.

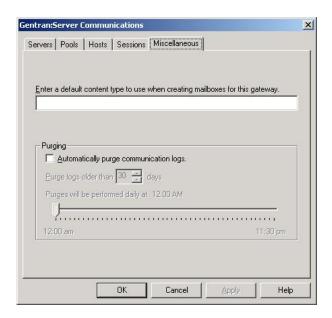


This table describes the parts of the Sessions tab of the Sterling Gentran:Server Communications dialog box and their functions.

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

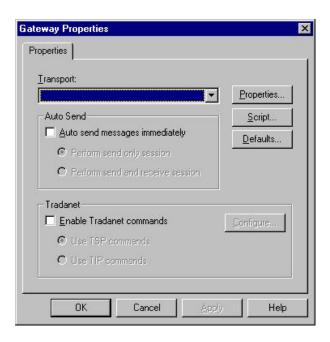
This table describes the parts of the WS_FTP X.25 Transport Properties dialog box.

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.

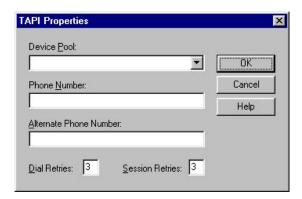


This table describes the parts of the Gateway Properties dialog box.

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.

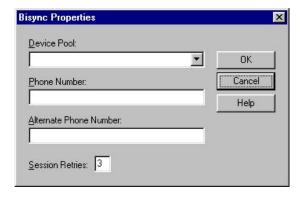


This table describes the parts of the TAPI Properties dialog box.

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.

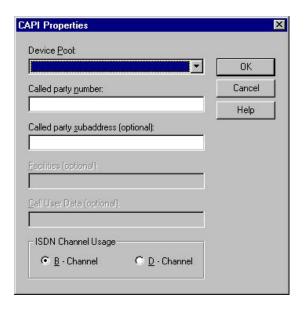


This table describes the parts of the Bisync Properties dialog box.

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.

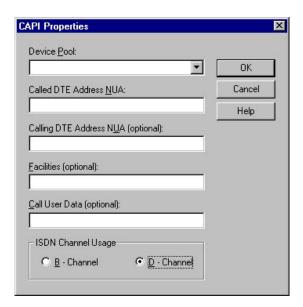


This table describes the parts of the CAPI Properties (with the B - Channel option selected) dialog box.

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.

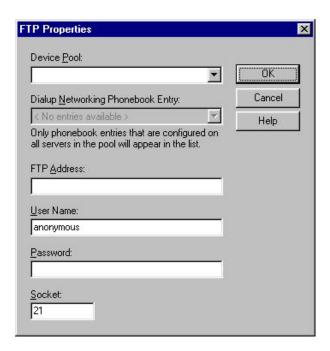


This table describes the parts of the CAPI Properties (with the D - Channel option selected) dialog box.

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.

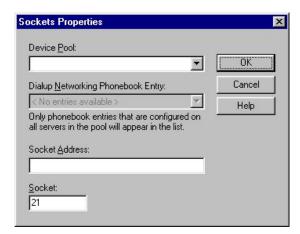


This table describes the parts of the FTP Properties dialog box.

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.



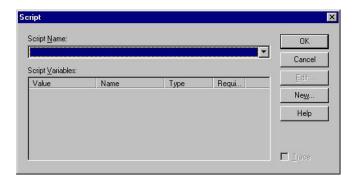
This table describes the parts of the Gateway Email Addresses dialog box.

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:
	Add - Add an Email Address.
	Remove - Remove the selected Email Address.

Script Dialog Box

The following diagram shows the Script dialog box.

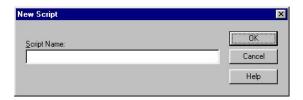


This table describes the parts of the Script dialog box.

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.

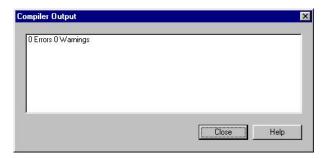


This table describes the parts of the New Script dialog box.

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.

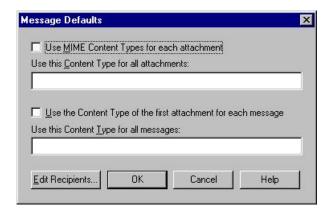


This table describes the parts of the Compiler Output dialog box

Part	Function
	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.



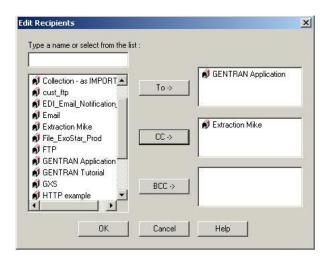
This table describes the parts of the Message Defaults dialog box.

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.

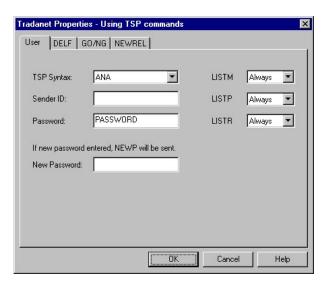


This table describes the parts of the Edit Recipients dialog box.

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.
То	Make this email address a primary recipient.
CC	Make this email address a secondary recipient.
ВСС	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.

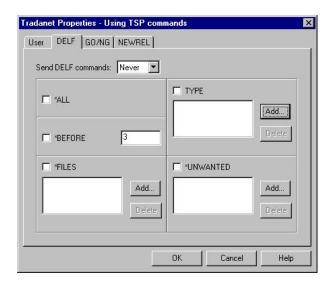


This table describes the parts of the Tradanet Properties - Using TSP Commands dialog box, User tab.

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. $\,$

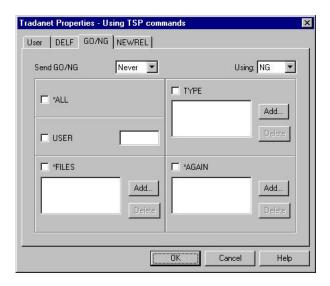


This table describes the parts of the Tradanet Properties - Using TSP Commands dialog box, DELF tab.

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:
	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: • 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:
	Add - Adds entries to the associated list.
	Delete - Deletes entries from the associated list.

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

The following diagram shows the Tradanet Properties - Using TSP Commands dialog box, ${\rm GO/NG}$ tab.

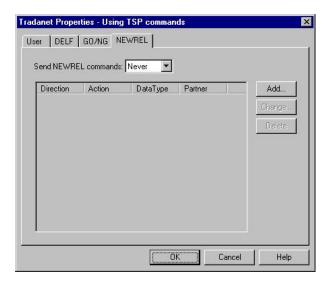


This table describes the parts of the Tradanet Properties - Using TSP Commands dialog box, ${\rm GO/NG}$ tab.

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: • 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: • 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: • Add - Adds entries to the associated list. • Delete - Deletes entries from the associated list.

Tradanet Properties - Using TSP Commands Dialog Box - NEWREL Tab

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

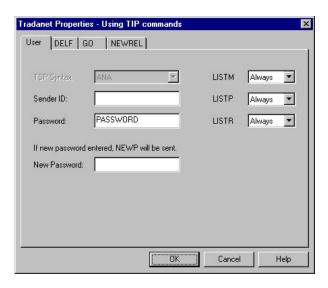


This table describes the parts of the Tradanet Properties - Using TSP Commands dialog box, NEWREL tab.

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.

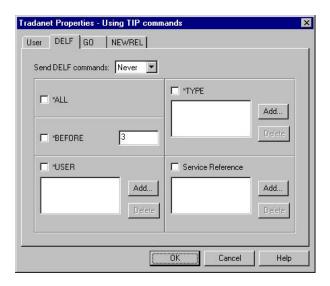


This table describes the parts of the Tradanet Properties - Using TIP Commands dialog box, User tab.

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.

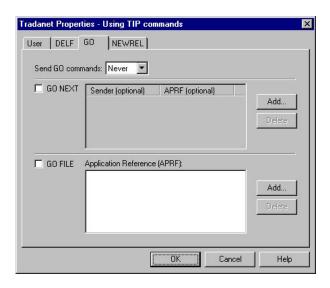


This table describes the parts of the Tradanet Properties - Using TIP Commands dialog box, DELF tab.

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:
	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:
	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:
	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, ${\sf GO}$ tab.

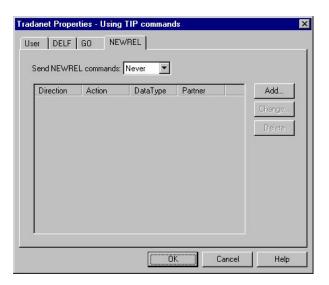


This table describes the parts of the Tradanet Properties - Using TIP Commands dialog box, GO tab.

Part	Function
Send GO commands	Defines when you want to send GO commands.
GO NEXT	Receives all unextracted files.
	• 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.
	The following are the buttons pertaining to the unextracted files:
	Add - Adds entries to the associated list.
	Delete - Deletes entries from the associated list.
GO FILE	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)
	The following are the buttons pertaining to the files:
	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.

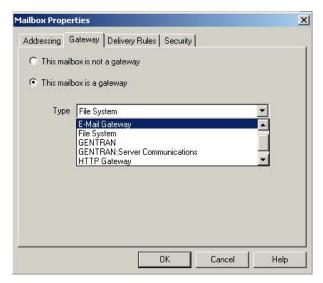


The following table describes the parts of the Addressing tab.

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.

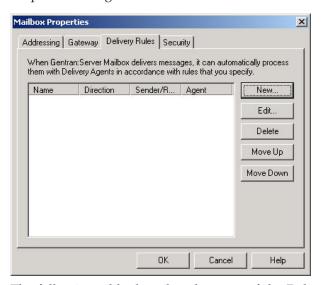


The following table describes the parts of the Gateway tab.

Part	Function
Gateway	Specifies whether the mailbox is or is not a gateway.
Туре	Specifies the type of gateway. Active when "This mailbox is a gateway" is selected. Valid values are:
	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

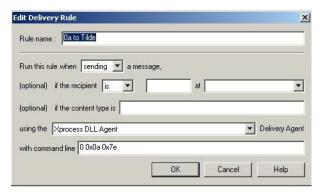
The following shows an example of the Delivery Rules tab of the Mailbox Properties dialog box.



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.

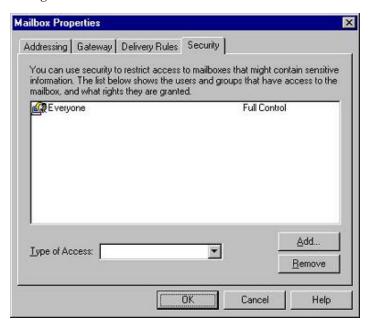
The following shows an example of the New/Edit Delivery Rule dialog box.



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:	
	• 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. Configuration Procedures

Configuration Process

Before you can begin to send and receive documents with your trading partners you need to configure your communications hardware and software.

This table lists the stages in configuring your Advanced Data Distribution communications for use with 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 for Advanced Data Distribution. See Configuring Your Communications Gateway for more information.
3	Create the mailboxes you intend to use. Repeat this stage for each additional mailbox you intend to use with this gateway. See Creating Advanced Data Distribution Mailboxes for more information.

Configuring Your Communications Gateway

This topic describes how to configure your Sterling Gentran:Server Communications Gateway for use with Advanced Data Distribution functionality. Advanced Data Distribution is used for dialing out of or for dialing into 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.

Example

You want to make two modems available for use by any computer in your Mailbox Server system: 56 kbps modem on CommServ1 and 28.8kbps modem on CommServ2.

- 1. Start the Mailbox Server Manager on CommServ1.
- 2. Select CommServ1 from the Servers list.
- 3. Select the 56 kbps modem from the Devices list.
- 4. Start the Mailbox Server Manager on CommServ2.
- 5. Select CommServ2 from the Servers list.
- 6. Select the 28.8 kbps modem from the Devices list.

These modems are now available for use in device pools on the Mailbox Server system.

About Scripts

In this task, you need to use a script as the primary login script for this gateway. You will associate the script with a specific pool. This script may be written to run a complete communications session with your remote users. You may also create separate scripts that are associated with each Advanced Data Distribution mailbox to provide additional processing. In this case, the primary script associated with the Pool is run first, then the script associated with the Advanced Data Distribution mailbox is run.

For example: A remote system initiates a call to your Sterling Gentran:Server system, the Communications service receives the call and runs the login script for this pool to validate the login ID and password of the remote user.

Compiled scripts are stored with the gateway. 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 adapter.

See the IBM Sterling Gentran: Server for Microsoft Windows Script Language Reference Guide for more information.

About this task

Use this procedure to configure your Sterling Gentran: Server Communications Gateway for Advanced Data Distribution.

- 1. Start the Mailbox Server Manager.
- 2. Select the **Gentran:Server Communications** from the Gateway folder.
- 3. Right-click and select **Properties** to alter the properties for this gateway.
- 4. On the Servers tab, select the communications server you are configuring. A list of available communications devices for that communications server appears in the Devices list.
- 5. Select the device to be made available for pooling. Repeat steps 1 - 4 for each communications controller in your Mailbox Server system.
- 6. Select the **Pools** tab and click **New** to add a pool.
- 7. Select a device from the Pool Devices list.
- 8. Select an option from the Pool Type list.
 - To create a pool that initiates communications connections, select Remote only. After typing a unique name in the Pool Name box, go to step 23.
 - To create a pool that receives communications connections, select Host only. After typing a unique name in the Pool Name box, continue with the next step.
 - To create a pool that initiates and receives communications connections, select both Host and Remote. After typing a unique name in the Pool Name box, continue with the next step.
- 9. Depending on which pool device you selected in step 7, do one of the following:
 - If your pool device is CAPI, select an ISDN channel. Valid options are **B-Channel** (default) and **D-Channel**.
 - If your pool device is SOCKETS, enter the appropriate value in the Listener Port box.

- 10. Click **Script** to define the Advanced Data Distribution login script to use with this gateway.
- 11. Click New.
- 12. Type a unique script name and click **OK**.

The system displays the Script Editor dialog box.

- **13**. Do one of the following:
 - Create your own script. When complete, continue with the next step.
 - Use a sample script. Do the following:
 - a. Select File > Import.
 - b. Select a script and click **Open**.

Sample Pool Host.script is a sample Pool script provided with Sterling Gentran:Server.

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

14. Select File > Compile.

The new script is compiled. The system displays a dialog box which indicates that the script compiled with no errors or warnings.

- 15. Close the compile dialog box and click **Yes** to save the compiled script.
- 16. Select File > Exit.
- 17. Click **Yes** to save changes.
- 18. If your script contains variables, select the variable you want to define and type the appropriate value in the value box. Repeat this process for each variable that you want to define.
- 19. Click **OK** to return to the Pools tab of the Communications dialog box.
- 20. Click **Add** to add the device to the pool.
- 21. Highlight the name of the server and device that you want to add to the pool and click **OK**.

Depending on your pool type, do one of the following:

- For a **Remote only** pool type, go to step 35.
- For a Host only or Host and Remote pool type, continue with the next step.
- 22. Select the **Hosts** tab.
- 23. Select the mailbox that you want to designate as the host mailbox.
- 24. Type a password in the Host Password box.
- 25. Click Defaults.
- **26**. Select or type a default content type for attachments option.
- 27. Select or type a default content type for messages option.
- 28. Click Edit Recipients.
- 29. Select a recipient from the list and click To.

The system displays the EMail Addresses dialog box.

- **30**. To specify an E-mail address, type the value in the box. Click **Add**. Repeat this step for each e-mail address that you want to specify.
- 31. Click **OK** to return to the Edit Recipients dialog box.
- 32. Click **OK** to return to the Message Defaults dialog box.
- 33. Click **OK** to return to the Hosts tab.
- **34**. To assign a script to the selected mailbox, click **Script**. Then select, compile, and save the script for use with the selected mailbox.

Note: A host script is not required. You only need a host script if the script assigned to the device pool does not handle the entire session. For example, Supertracs Host.script is a sample Host script provided with Sterling Gentran:Server.

Repeat Steps 23 - 34 for each mailbox that you want to designate as a host.

- 35. Select the Miscellaneous tab.
- **36.** To enter default content type information for mailboxes that you create, type the appropriate content type information.

Note: You can override this default content type value at the mailbox level.

- 37. To automatically purge communications logs, do the following:
 - a. Select Automatically purge communications logs.
 - b. Select the number of days after which you want the system to purge communications logs.
 - c. Select a desired time at which you want the system to purge communications logs.
- **38**. Click **OK** to complete the configuration of this gateway.
- **39**. Stop the Sterling Gentran:Server Communications service on each communications controller.
 - See Stopping the Communications Service for more information.
- 40. Stop the Sterling Gentran: Server Mailbox service.
 - See the topic on stopping the Mailbox Service in the *Sterling Gentran:Server Communications User Guide* for more information.
- 41. Restart the Sterling Gentran: Server Mailbox service.
 - See the topic on starting the Mailbox Service in the *IBM Sterling Gentran:Server* for Microsoft Windows Communications User Guide for more information.
- 42. Restart the Sterling Gentran:Server Communications service on each communications controller.
 - See Starting the Communications Service for more information.

What to do next

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

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.

- 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.

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.

Creating Advanced Data Distribution Mailboxes

About this task

Use this procedure to create Advanced Data Distribution mailboxes.

- 1. Start the Mailbox Server Manager.
- 2. Right-click on the Mailboxes folder and select **Create**.
- 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. Do one of the following and click **Next**:
 - To only receive calls, select **No, this mailbox is not a gateway**.

- To send and receive calls, select Yes, use this mailbox as a gateway and select Gentran:Server Communications as the gateway that you want to use with this new mailbox.
- 5. Verify that the information that you entered in the Create Mailbox Wizard Summary dialog box is correct and click **Finish**.

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

- 6. In Step 4, did you elect to use this mailbox as a gateway?
 - If yes, the system displays the Gateway Properties dialog box. Proceed to the next Step.
 - If no, you have completed this procedure. The system returns you to the Mailbox Server Manager browser.
- 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 WSFTP.
 - 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.
- 9. Fill in the fields as necessary and click **OK**.
- 10. Click **Script** to define the script and variable values.

See the *IBM Sterling Gentran:Server for Microsoft Windows Script Language Reference Guide* for more information.

- 11. Click New.
- 12. Type a unique script name and click **OK**.
- 13. Select **File > Import**.
- 14. Select a script and click **Open**.

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

15. Select **File > Compile**.

The script is compiled. The system displays a dialog with the results of the compile. You are prompted to save the changes to the file.

Notes:

- Contact Product Support if you receive errors during compilation.
- 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 at the prompt to save changes.
- 18. Select the variable you want to define and enter the appropriate value. Repeat this step for each variable.
- 19. When you are done defining variables, click **OK** to return to the Gateway Properties dialog box.
- 20. Click **Defaults** to define the message defaults for this gateway.
- 21. Type **Application/EDI** in the Use this Content Type for all attachments box.
- 22. Type Application/EDI in the Use this Content Type for all messages box.
- 23. Click Edit Recipients.
- 24. Select **Gentran Application** and click **To** to forward message that you receive to Sterling Gentran:Server.
- 25. Click OK.
- 26. If you do not want to specify any e-mail addresses, click **Cancel**. If you want to specify an e-mail address, do the following:
 - a. Type the information in the text box.
 - b. Click **Add** to add the e-mail address. Repeat this process for each e-mail address that you want to add for this recipient.
 - c. Click **OK** to return to the Edit Recipients dialog box.
 - d. Click **OK**.
- 27. Click OK.
- 28. If you want to Auto Send messages, select **Auto Send** and select which Auto Send option you want.
- 29. If you are not using Tradanet, click **OK** to save your changes and to exit the Gateway Properties dialog box. If you are using Tradanet, do the following:
 - a. Select Enable Tradanet commands.
 - b. Select the command type you want to use (TSP or TIP) and click **Configure** and continue with one of the following:
 - For TSP, continue with Configuring Tradanet TSP Properties.
 - For TIP, continue with Configuring Tradanet TIP Properties.

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 **DELF** 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 **DELF** 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.

Testing Advanced Data Distribution Sample Session

This sample session is provided for your use to test Advanced Data Distribution to ensure that everything has been configured properly.

About this task

The following assumptions have been made for this sample session:

- You are using two Communications Controllers, each containing a modem.
- You have a separate telephone number for each modem.
- · All hardware is installed and configured.
- Sterling Gentran:Server has been installed and you have test data ready to be used with the sample session.

Use the following procedure to test Advanced Data Distribution.

- 1. Start the Mailbox Server Manager.
- 2. Create a new mailbox to be used when dialing into the system with the following properties:
 - Name the mailbox Dial IN.
 - Use the email address Dial IN.
 - Do not use a gateway with this mailbox.
- 3. Configure the Sterling Gentran:Server Communications Gateway with the following properties:
 - a. Create a pool using the **Host only** pool type.
 - b. Name this new pool Host Mode.
 - **c.** Assign a device from one of your two Communications Controllers to this pool.
 - d. Create a new script called **Host Mode** and import the Sample Pool Host.script file.
 - e. Compile and save the script.
 - f. On the Hosts Tab, click the **Dial IN** mailbox to use it as a **Advanced Data Distribution** mailbox.
 - g. Type **host** as the Host Password.
 - h. Create a new script called **Transmit** and import the Sample Supertracs Host.script file.
 - i. Compile and save the script.
 - j. Select the **trace** option to save a detailed record of your communications session to the log file.
 - k. Click **Defaults**, then click **Edit Recipients** and move the **Gentran Application mailbox** to the **To** recipient list.
 - I. Create a second pool using the **Remote only** Pool Type.
 - m. Name this new pool Remote.
 - n. Assign a device from the second of your two Communications Controllers to this pool.
- 4. Create a new mailbox to be used when dialing out of Sterling Gentran:Server with the following properties:
 - a. Name the mailbox Dial OUT.

- b. Use the email address Dial_OUT.
- c. Make this mailbox a gateway mailbox using the Sterling Gentran:Server Communications Gateway.
- d. Select **TAPI** as the transport type.
- e. Click **Properties** and select the Remote pool you created in Step 3.
- f. Type the telephone number for the device you associated with the Advanced Data Distribution pool.
- g. Create a new script called **Remote Mode** and import the *Sample Remote.script* file.
- h. Type Dial_IN as the MailboxID script variable.
- i. Type host as the MailboxPassword script variable.
- j. Select the **trace** option to save a detailed record of your communications session to the log file.
- 5. Create a Trading Partner and assign the **Dial OUT** mailbox to this Trading Partner.
- 6. From the Sterling Gentran: Server Desk, prepare a document for transmission.
- 7. Click the phone on the Sterling Gentran:Server Desk to initiate a communication session.
 - You can check the progress of the transmission using the Sessions tab of the Sterling Gentran:Server Communications Gateway Properties dialog box.
- 8. Check the In Documents or ?In Documents items on the Sterling Gentran:Server Desk.

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.

- 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	StartServiceCtrlDipatcher 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	RegisterServiceCtrlHander 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

Sample OFTP Remote.script

OFTP Remote.script is a sample script that you can use when sending or receiving data using the OFTP protocol.

This script is installed when Sterling Gentran:Server is installed. The default file location is: GENSRVNT\CommScr\Samples.

```
// Sample OFTP Remote Script
// define user editable variables
scriptvar string[25] OftpId;
scriptvar string[8] OftpPsw;

// logon procedure
AsciiRcvCtl("IODETTE FTP READY ^OD");
OftpSpecialLogicOff();
OftpRemote("OftpId", "OftpPsw", "");
SetStatus(SUCCESS);
```

where:

- OftpId is the Sender's OFTP code (SSID)
- OftpPsw is the sender's OFTP password

Sample OFTP Host.script

OFTP Host.script is a sample script that is used to perform Advanced Data Distribution functions when a trading partner initiates a communications session to an OFTP server. This command takes care of all sending and/or receiving, depending on what type of session was requested, without specifying any of the mailbox-type commands.

This script is installed when Sterling Gentran:Server is installed. The default file location is: GENSRVNT\CommScr\Samples.

```
// Sample OFTP Host script
AsciiSndCt1("IODETTE FTP READY ^OD");
OftpHost("SAMPLE ODETTE FTP HOST", "OFTP PSW", "");
SetStatus(SUCCESS);
```

where:

- Sample ODETTE FTP Host is the Host's OFTP (SSID) code
- OFTP PSW is the Host's OFTP(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

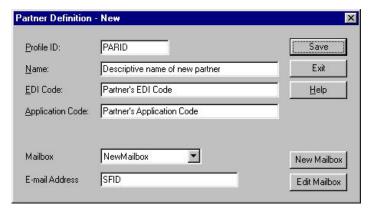
Use this procedure to create a new partner definition for use with OFTP.

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.

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