Gentran:Server® for Windows®

Advanced Data Distribution Gateway Configuration Guide

Version 5.1

Sterling Commerce
An IBM Company

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Gentran:Server for Windows

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Table of Contents

About This Guide

Contents

Introduction

Overview

This document contains the tasks you must follow to:

- configure the Communications Gateway for Advanced Data Distribution
- create Advanced Data Distribution mailboxes for your Trading Partners

Intended audience

The intended audience for this document is:

- Gentran:Server system administrators
- advanced Gentran:Server for Windows users

Prerequisite knowledge

The audience using this software should be familiar with:

- Microsoft® Windows
- Gentran:Server for Windows
- Communications protocols

Description of Contents

Introduction

This guide is organized into the tasks that you complete when configuring Advanced Data Distribution communications.

Organization of chapters

The guide is organized into chapters. A brief description of each chapter's contents follows.

- *About This Guide* explains the content and organization of this guide.
- *Advanced Data Distribution Overview* provides a high-level overview of Advanced Data Distribution.
- *Configuring Communications* explains the process for configuring Advanced Data Distribution communications. This chapter also provides the procedures you must follow to configure your Advanced Data Distribution mailboxes.
- *Error Messages* describes the gateway error messages and suggested user actions.
- *Working with OFTP* explains set up considerations for use with OFTP (Odette File Transfer Protocol).

Related topic

The "Script Language Reference Guide" describes the script language provided for use with the Gentran:Server for Windows communications subsystem.

Reference
See the Script Language Reference chapter of the *Script Language Reference Guide* for additional information.

Online Help

Introduction

The majority of the documentation for in this manual is contained in the online Help system. This includes all the dialog box element definitions, detailed processing information, and all the “how to” information that is contained in this manual.

Field-level Help

To view field-level descriptions for Mailbox Server gateways, navigate to the component for which you want field-level descriptions. Press **F1** to display a parts and functions table.

Getting Support

Introduction

Sterling Commerce's Gentran:Server software is supported by trained product support personnel who are available to help you with product questions or concerns.

Note
Gentran:Server Customer Support does not support non-Sterling Commerce products (e.g., SQL Server, Oracle, etc.), but can assist you in configuring non-Sterling Commerce products to work with Gentran:Server.

Phone number

For assistance, please refer to your *Getting Started Guide* to determine which support phone number you should use.

Before calling support

To help us provide prompt service, we ask that you do the following:

- Attempt to recreate any problem that you encounter and record the exact sequence of events.
- When you call product support, you should be prepared to provide us with the information below.

Information	Description
Identification	Your company name, your name, telephone number and extension, and the case number (if the question refers to a previously reported issue).
System Configuration	The Gentran:Server version (and any service packs installed) and information about the primary Gentran system controller and all machines experiencing problems, including: the Windows operating system version, amount of memory, available disk space, database version, Microsoft Data Access (MDAC) version, and Internet Explorer version. Also, please describe any recent changes in your hardware, software, or the configuration of your system.
System Data Store	Which machines contain folders in the system data store?
Error Messages	Record the exact wording of any error messages you receive and the point in the software where the error occurred, as well as any log files.
Attempted Solutions	Record any steps that you took attempting to resolve the problem and note all the outcomes, and provide an estimate on how many times the problem occurred and whether it can be reproduced.

Accessing the Sterling Commerce Support Web Site

The Sterling Commerce Customer Support Web Site contains valuable information about getting support for Gentran:Server for Windows, including the:

- scope of support services
- customer support policies
- call prioritizing
- customer support phone directory
- how to create new Support on Demand cases
- how to check the status of Support on Demand cases
- how to add information to Support on Demand cases

The Customer Support Web Site is constantly updated and all Sterling Commerce customers have access to it. This web site also contains the most recent product updates and is a valuable source of product information.

Reference
Refer to the *Getting Started Guide* for information on how to access the Customer Support World Wide Web Site.

Documentation

The Customer Support Web Site contains a documentation library, which has the entire Gentran:Server for Windows documentation set. You can download the product manuals in PDF format from this library at any time.

CHAPTER

1

Advanced Data Distribution Overview

Contents

Overview

In this chapter

This chapter provides you with a high-level overview of the Communications Gateway with Advanced Data Distribution.

What is a gateway?

Gateways are software components that control the transmission of messages between two parties. The gateway is responsible for using the correct protocols to transfer messages between the sender and receiver.

You are responsible for defining the properties of the gateways that you use for transferring messages.

What is a mailbox?

Mailboxes store messages that are being transferred between mail recipients. Like a mailbox for paper mail, the messages are stored in the mailbox until they are transferred to the addressee.

There are two types of Gentran:Server mailboxes:

- non-gateway mailboxes
- gateway mailboxes

Non-gateway mailboxes
When you installed Gentran:Server, a default, non-gateway mailbox was created called the Gentran Application mailbox. This mailbox is used by Mailbox Server to hold messages that are being transferred between Gentran:Server for Windows and your Trading Partners.

Gateway mailboxes
You are responsible for creating gateway mailboxes. When you create gateway mailboxes you associate the mailbox with a gateway. The properties you define for each gateway mailbox determines how messages are transferred to your Trading Partners.

Related topic

See Communications Overview in the *Gentran:Server® for Windows® Communications User's Guide* for detailed information on the Mailbox Server system.

Related topic

The *Script Language Reference Guide* describes the script language provided for use with the Gentran:Server for Windows communications subsystem.

Reference
See the Script Language Reference chapter of the *Script Language Reference Guide* for additional information.

Advanced Data Distribution

Introduction

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

Purpose

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

Communications scripts

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

Content type and subtype

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.

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

Note
Messages containing undefined content types remain in the Gentran Application mailbox until the content type has been defined.

Reference
See the *Gentran:Server Administration Guide* for information on the Mailbox tab of the System Configuration dialog box.

Acceptable content types

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

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

Configuring the gateway

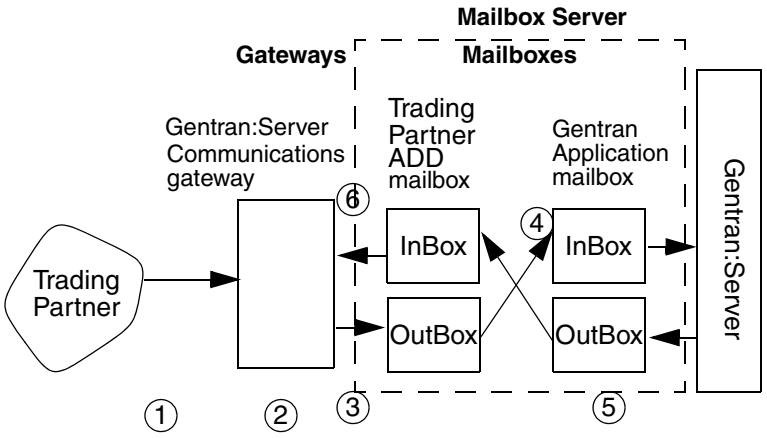
You must configure the Gentran:Server Communications Gateway Advanced Data Distribution properties before you can begin transferring messages. When you configure the gateway, you define the:

- 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

Reference
See How to Configure Your Communications Gateway in *Configuring Communications,* chapter 2 of this guide, for more information on configuring Advanced Data Distribution properties.

Message flow diagram

This diagram shows the flow of messages using Advanced Data Distribution. The numbers in this diagram correspond to the stages listed in *Message flow description* on page 1 - 5.



Message flow description

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 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 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 Gentran Application Mailbox InBox.
5	Any messages that are have been sent to this Trading Partner are moved from the Gentran Application OutBox to the Trading Partner's InBox.
6	The 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

Configuring Communications

Contents

Overview

Introduction

In this chapter

This chapter describes the tasks that you must complete to configure Advanced Data Distribution.

Key Terms

This table describes key terms used in this chapter.

Term	Description
pool	A collection of communications devices.
communications controller	A computer that controls communications sessions.
communications gateway	Software or a computer running software that enables two different computers to communicate.
Advanced Data Distribution	Allows your Trading Partner to initiate a communications session. Unlike a standard communications session where Gentran:Server contacts a VAN or Trading Partner, Advanced Data Distribution is passive, waiting for a Trading Partner to contact you.
mailbox	A folder or set of folders used to store messages.

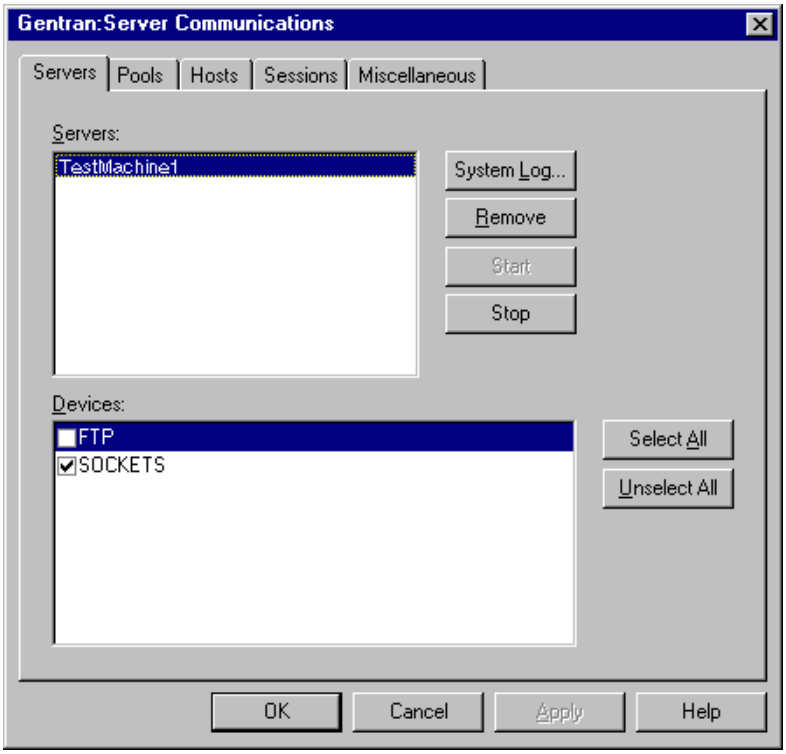
Gentran:Server Communications Properties

Introduction

The Gentran:Server Communications dialog box is used to configure telecommunications with your Trading Partners.

Servers tab

This illustration shows an example of the Servers tab of the Gentran:Server Communications dialog box.



Parts and functions

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

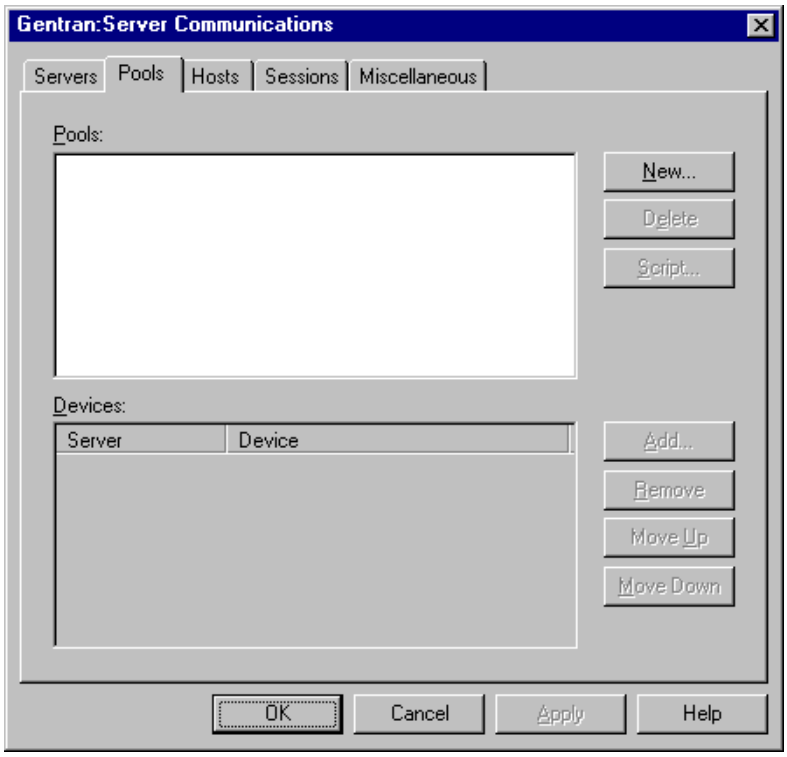
Part	Function
Servers	Displays the communications controllers available to Mailbox Server. You may have multiple communications controllers in your Mailbox Server system.
Devices	Displays the devices available for use with Mailbox Server. The devices shown in this list are the devices for each respective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

(Continued on next page)

(Contd) Part	Function
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.
Select All	Selects all devices for the selected controller.
Unselect All	Unselects all devices for the selected controller.
OK	Saves changes; exits dialog box.
Cancel	Cancels changes; exits dialog box.
Apply	Applies changes.
Help	Launches online Help.

Pools tab

This illustration shows an example of the Pools tab of the Gentran:Server Communications dialog box.



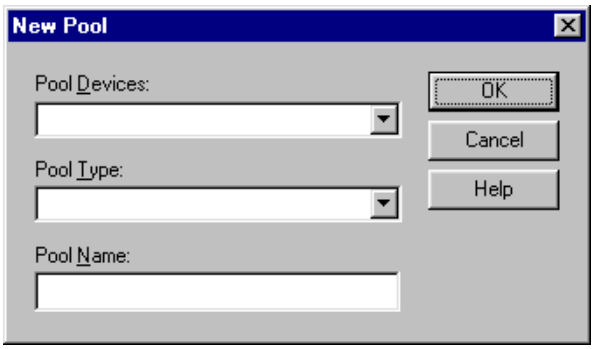
Parts and functions

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

Part	Function
Pools list	Lists user-defined device pools.
Devices list	Lists the devices assigned to a specific pool.
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.)
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.
OK	Saves changes; exits dialog box.
Cancel	Cancels changes; exits dialog box.
Apply	Applies changes.
Help	Launches online Help.

New Pool

This illustration shows an example of the New Pool dialog box.



Parts and Functions

This table describes the parts of the New Pool dialog box and their function.

Part	Function
Pool Device	Choose a pool device from the list. This list determines 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.
OK	Closes this dialog and saves any changes you have made.
Cancel	Closes this dialog without saving any changes you have made.
Help	Click this button to display the online help.

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:

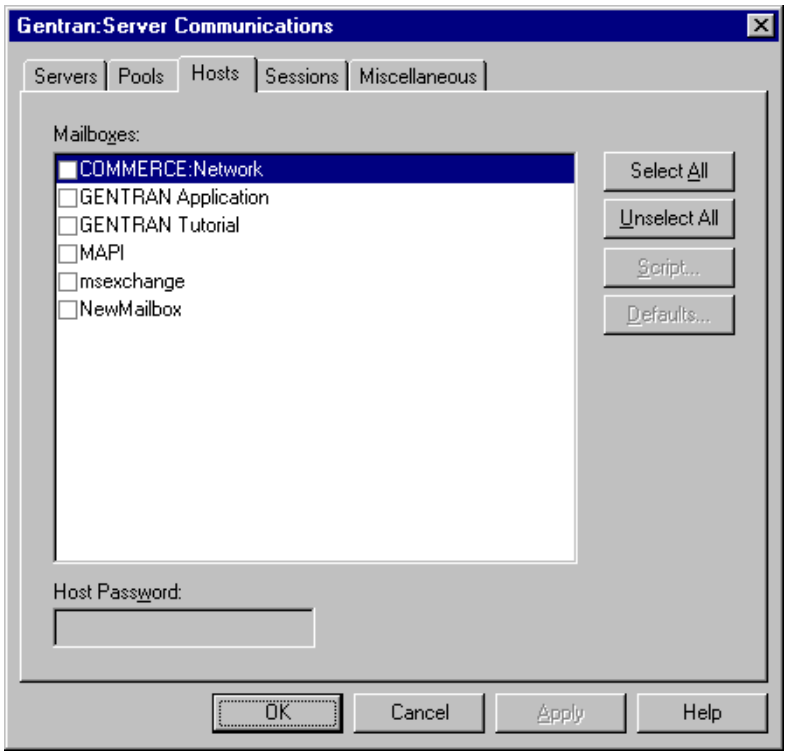
- B - Channel - (Bearer channel)
- D - Channel - (Delta channel)

Reference
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 the New Pool dialog box.

Hosts tab

This illustration shows an example of the Hosts tab of the Gentran:Server Communications dialog box.



Parts and functions

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

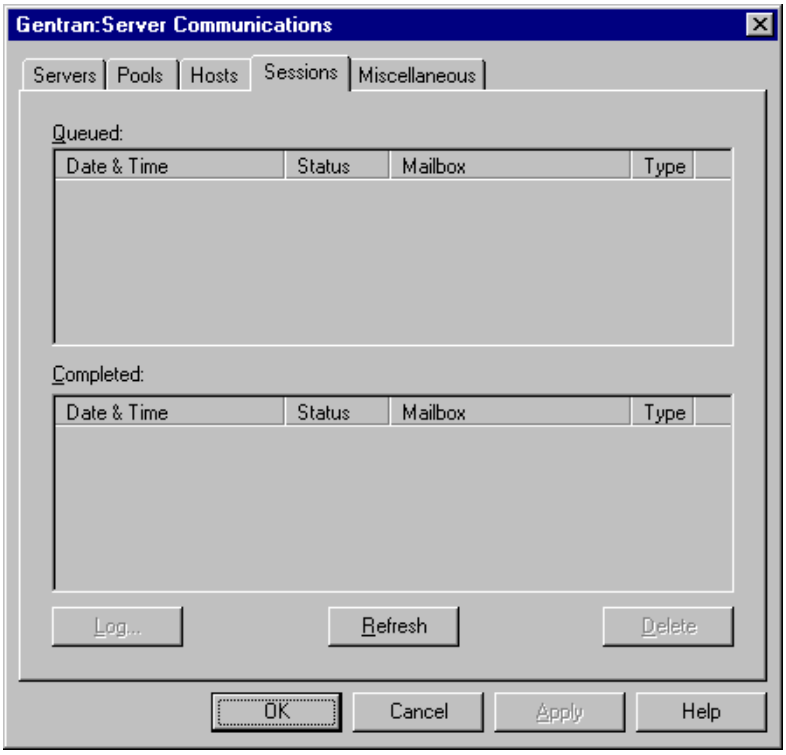
Part	Function
Mailboxes	Displays the list of mailboxes. A check mark next to the mailbox denotes that it has been set up as a host mailbox.
Host Password	Defines the password your Trading Partner must use to access the selected mailbox.
Select All	Selects all mailboxes.
Unselect All	Clears all check 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.

(Continued on next page)

(Contd) Part	Function
OK	Saves changes; exits dialog box.
Cancel	Cancels changes; exits dialog box.
Apply	Applies changes.
Help	Launches online Help.

Sessions tab

This illustration shows an example of the Sessions tab of the Gentran:Server Communications dialog box.



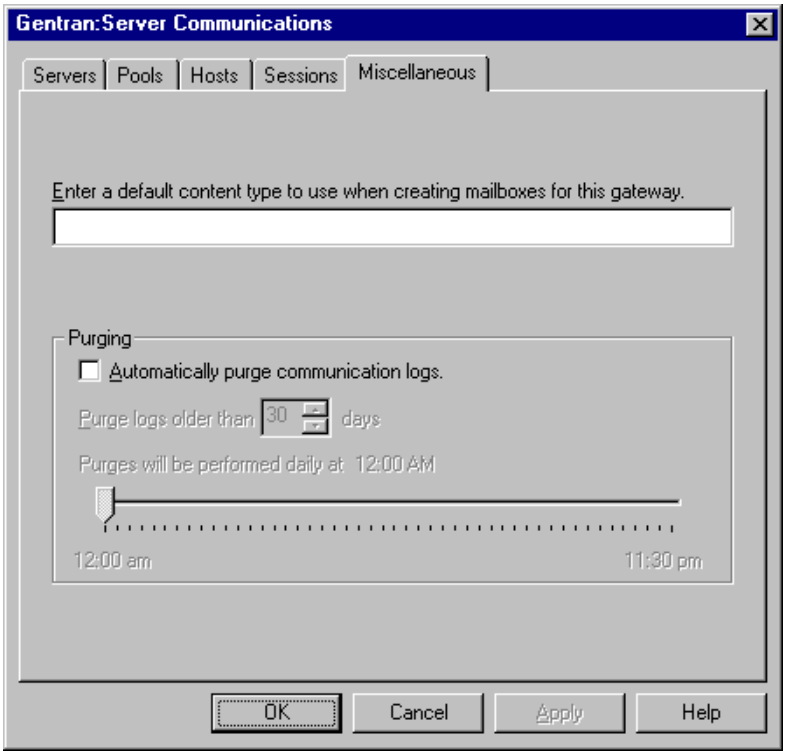
Parts and functions

This table describes the parts of the Sessions tab of the 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	Repaints the screen updating the display with new information.
Delete	Deletes the selected completed session from the log.
OK	Saves changes; exits dialog box.
Cancel	Cancels changes; exits dialog box.
Apply	Applies changes.
Help	Launches online Help.

Miscellaneous tab

This illustration shows an example of the Miscellaneous tab of the Gentran:Server Communications dialog box.



Parts and functions

This table describes the parts of the Miscellaneous tab of the 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.
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.
OK	Saves changes; exits dialog box.

(Continued on next page)

(Contd) Part	Function
Cancel	Cancels changes; exits dialog box.
Apply	Applies changes.
Help	Launches online Help.

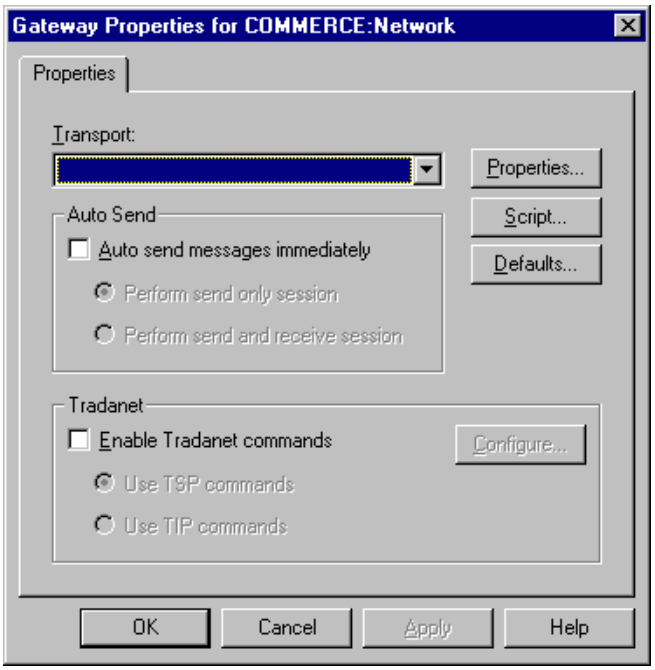
Mailbox Gateway Properties

Introduction

The Gateway Properties dialog box defines the properties for the mailbox that you created.

Gateway Properties

This illustration shows an example of the Gateway Properties dialog box.



Parts and functions

This table describes the parts of the Gateway Properties dialog box and their functions.

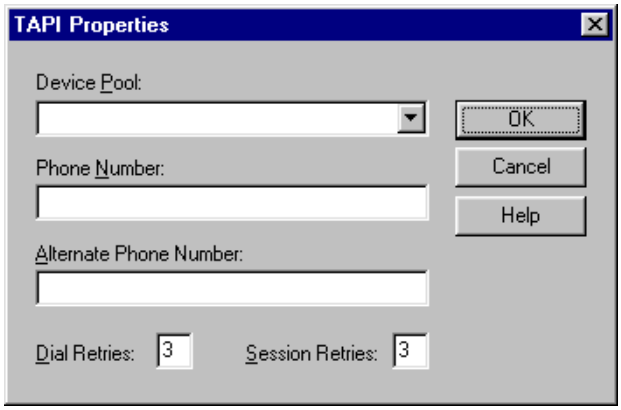
Part	Function
Transport	Enables you to select transport type.
Properties	Enables you to define properties for the transport type that you selected.
Script	Launches Script Editor.
Defaults	Launches the Message Defaults dialog box; enables you to set default Content type for messages and attachments.
Auto Send	Enables you to define Auto Send properties.
Tradanet	Enables you to define Tradanet properties.
OK	Saves and applies changes; exits the dialog box.

(Continued on next page)

Part	Function
Cancel	Cancels Changes; exits dialog.
Apply	Applies changes.
Help	Launches the online Help system.

TAPI Properties

This illustration shows an example of the TAPI Properties dialog box.



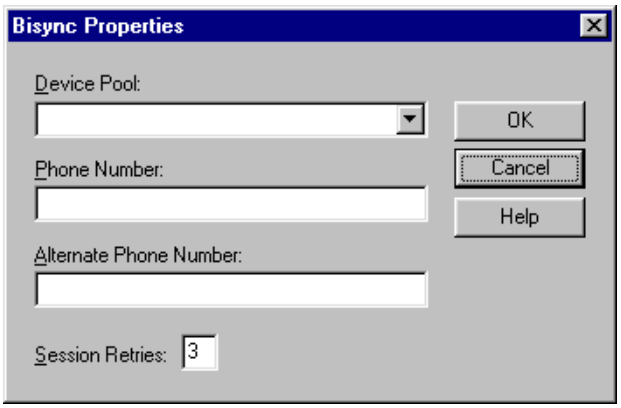
TAPI Properties

This table describes the parts of the TAPI Properties dialog box and their function.

Part	Function
Device Pool	Choose 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 Mailbox Server to redial the telephone number.
Session Retries	Select the number of times you want Mailbox Server to re-start the session.
OK	Closes this dialog and saves any changes you have made.
Cancel	Closes this dialog without saving any changes you have made.
Help	Click this button to display the online help.

Bisync Properties

This illustration shows an example of the Bisync Properties dialog box.



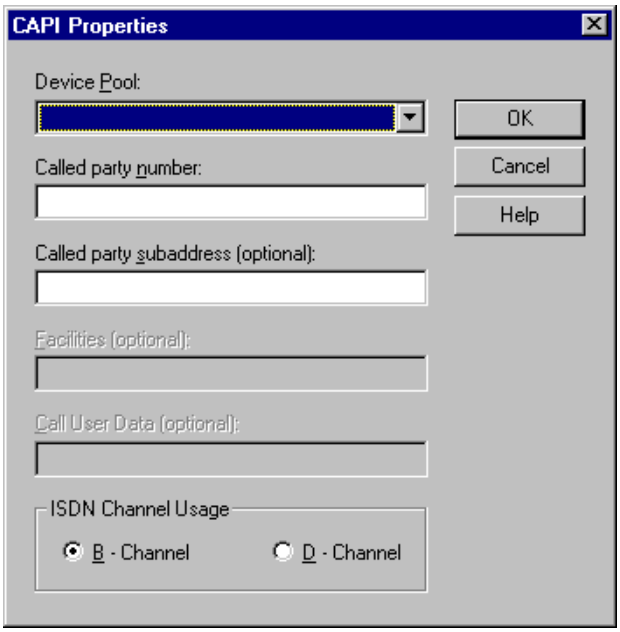
Bisync Properties

This table describes the parts of the Bisync Properties dialog box and their function.

Part	Function
Device Pool	Type a Communications Device Pool or choose an item from the list.
Phone Number	Type the phone number for the VAN or Trading Partner.
OK	Closes this dialog and saves any changes you have made.
Cancel	Closes this dialog without saving any changes you have made.
Help	Click this button to display the online help

CAPI Properties - B - Channel 0option selected

This illustration shows an example of the CAPI Properties (with the B - Channel option selected) dialog box.



Parts and Functions

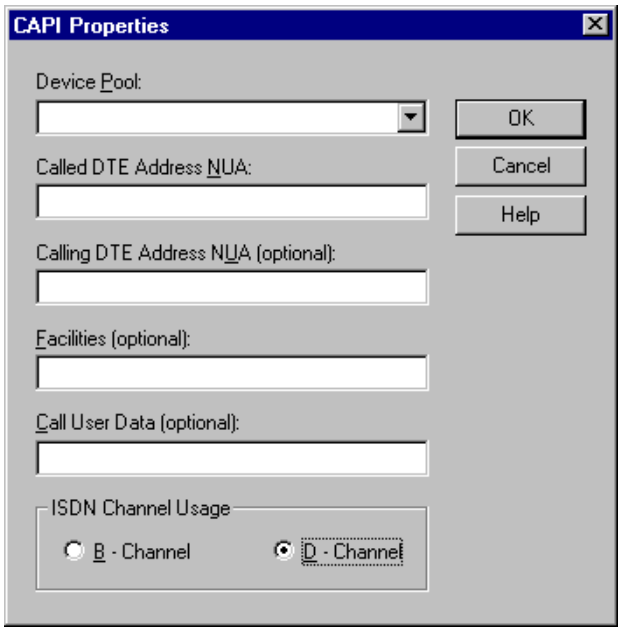
This table describes the parts of the CAPI Properties (with the B - Channel option selected) dialog box and their function.

Part	Function
Device Pool	Type a Communications Device Pool or choose 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.

(Contd) Part	Function
ISDN Channel Usage	Determines which channel the system uses to for communications. **Reference** See *CAPI Properties - D - Channel 0ption selected* on page 2 - 16 for a description of that dialog box.
OK	Closes this dialog and saves any changes you have made.
Cancel	Closes this dialog without saving any changes you have made.
Help	Click this button to display the online help

CAPI Properties - D - Channel 0ption selected

This illustration shows an example of the CAPI Properties (with the D - Channel option selected) dialog box.



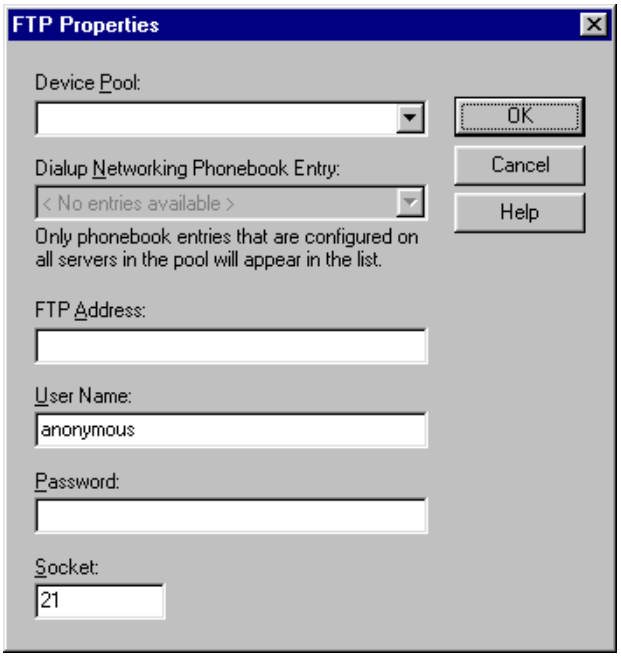
Parts and Functions

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

Part	Function
Device Pool	Type a Communications Device Pool or choose 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. **Reference** See *CAPI Properties - B - Channel 0ption selected* on page 2 - 15 for a description of that dialog box.
OK	Closes this dialog and saves any changes you have made.
Cancel	Closes this dialog without saving any changes you have made.
Help	Click this button to display the online help

FTP Properties

This illustration shows an example of the FTP Properties dialog box.



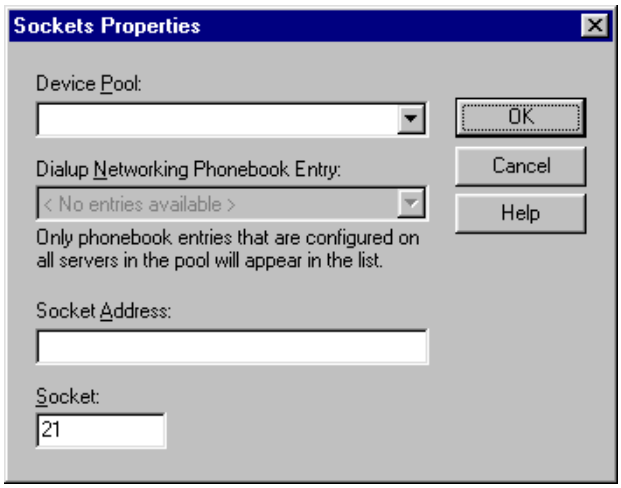
Parts and Functions

This table describes the parts of the FTP Properties dialog box and their function.

Part	Function
Device Pool	Choose a device pool from the list.
Dialup Networking Phonebook Entry	Select the phonebook entry that you use for dialup networking.
Server	Type the name of an FTP server or choose an item from the list.
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.
OK	Closes this dialog and saves any changes you have made.
Cancel	Closes this dialog without saving any changes you have made.
Help	Click this button to display the online help.

Sockets Properties

This illustration shows an example of the Socket Properties dialog box.



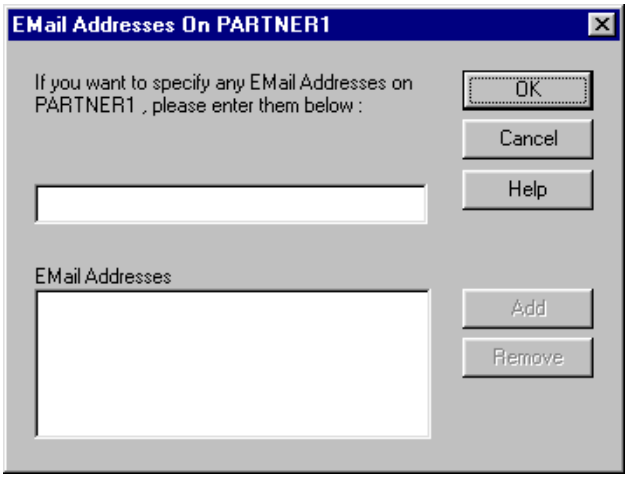
Parts and Functions

This table describes the parts of the Sockets Properties dialog box and their function.

Part	Function
Device Pool	Choose a device pool from the list.
Dialup Networking Phonebook Entry	Select the phonebook entry that you use for dialup networking.
Server	Choose a communications server from the list.
Socket Address	Type IP (Internet Protocol) address of the computer you want to contact.
Socket	Type the IP socket (port) number in this field.
OK	Closes this dialog and saves any changes you have made.
Cancel	Closes this dialog without saving any changes you have made.
Help	Click this button to display the online help.

Gateway Email Addresses

This illustration shows an example of the Gateway Email Addresses dialog box.



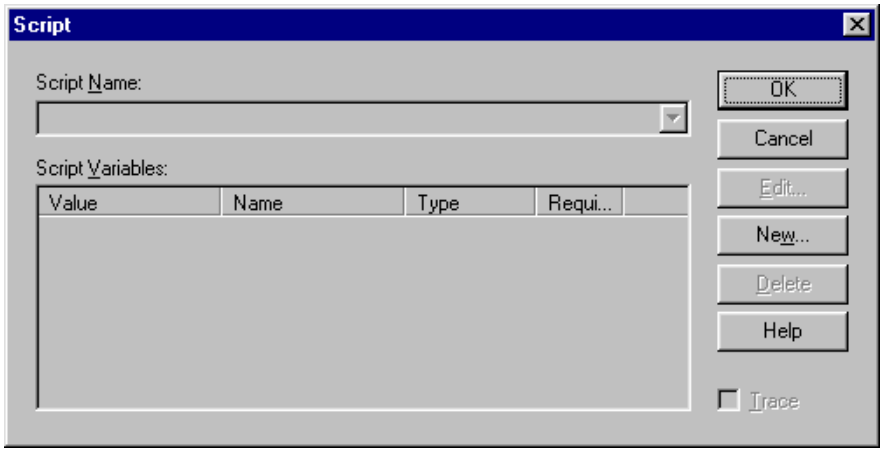
Parts and Functions

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

Part	Function
Email address list	Type Email address on the VAN or Trading Partner's computer.
Email Addresses list	This list contains all the mail addresses on the VAN or Trading Partner's computer who will receive messages.
OK	Closes this dialog and saves any changes you have made.
Cancel	Closes this dialog without saving any changes you have made.
Add	Click this button to add an Email Address.
Remove	Click this button to remove the selected Email Address.
Help	Click this button to display the online help.

Script dialog box

This illustration shows an example of the Script dialog box.



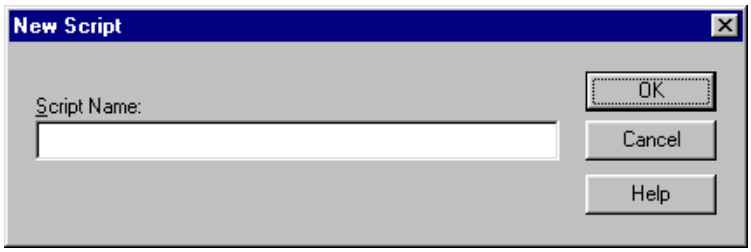
Parts and Functions

This table describes the parts of the Script dialog box and their function.

Part	Function
Script Name	Choose a communications script from the list.
Script Variables	Define the values for the selected script.
OK	Closes this dialog and saves any changes you have made.
Cancel	Closes this dialog without saving any changes you have made.
Help	Click this button to display the online help.
Edit	Click this button to edit the script.
New	Click this button to create a new script.
Trace	Select this option to save trace data for the communications session.

New Script dialog box

This illustration shows an example of the New Script dialog box.



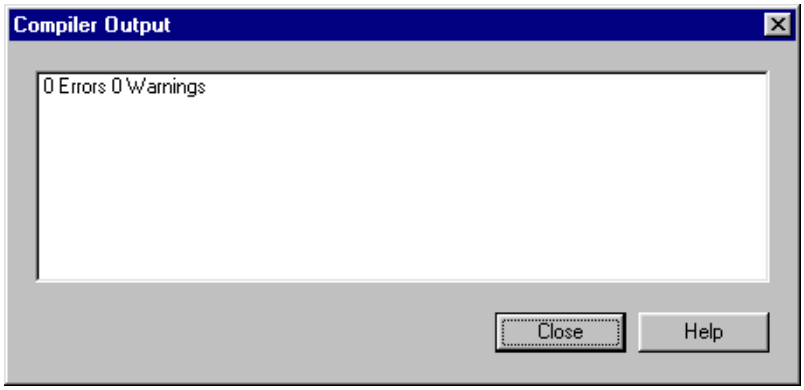
Parts and Functions

This table describes the parts of the New Script dialog box and their function.

Part	Function
Script Name	Type the name of the communications script you want to use in this field.
OK	Closes this dialog and saves any changes you have made.
Cancel	Closes this dialog without saving any changes you have made.
Help	Click this button to display the online help.

Compiler Output

This illustration shows an example of the New Script dialog box.



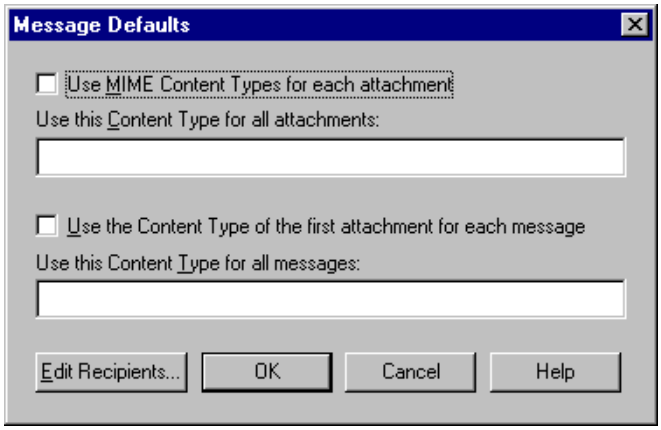
Parts and Functions

This table describes the parts of the Compiler Output dialog box and their function.

Part	Function
Compiler Output	A display of the output from the compiler.
Help	Click this button to display the online help.
Close	Click this button to close this dialog box.

Message Defaults

This illustration shows an example of the Message Defaults dialog box.



Message Defaults

This table describes the parts of the Message Defaults dialog box and their function.

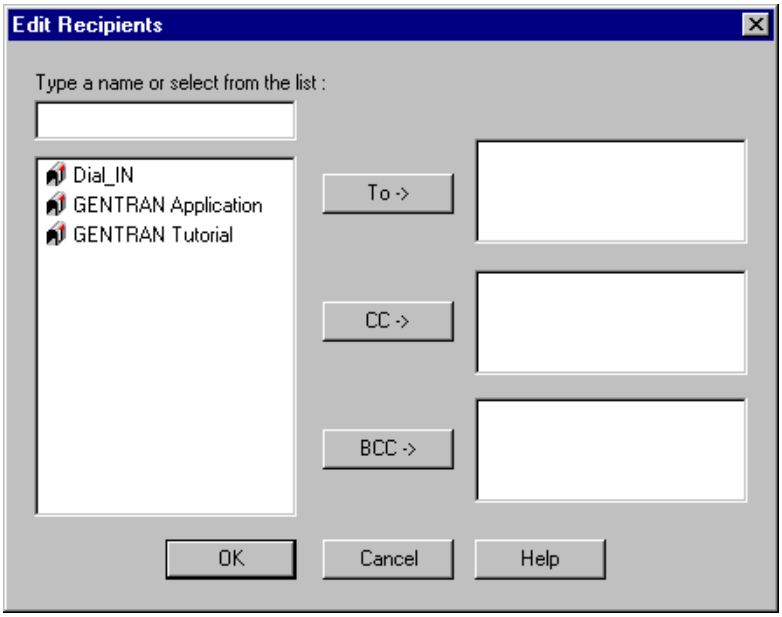
Part	Function
Use MIME Content Type for each attachment	Select this option to use MIME (Multipurpose Internet Mail Extension) content types for each attachment.
Use this Content Type for all attachments	Type a Content Type and Subtype to be used for all attachments. **Example** Application/EDI
Use the 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.
Use this Content Type for all messages	Type a Content Type and Subtype to be used for all messages. **Example** Application/EDI

(Continued on next page)

(Contd) Part	Function
Edit Recipients	Click this button to select the recipients to send the message to.
OK	Closes this dialog and saves any changes you have made.
Cancel	Closes this dialog without saving any changes you have made.
Help	Click this button to display the online help.

Edit Recipients

This illustration shows an example of the Edit Recipients dialog box.



Parts and Functions

This table describes the parts of the Edit Recipients dialog box and their function.

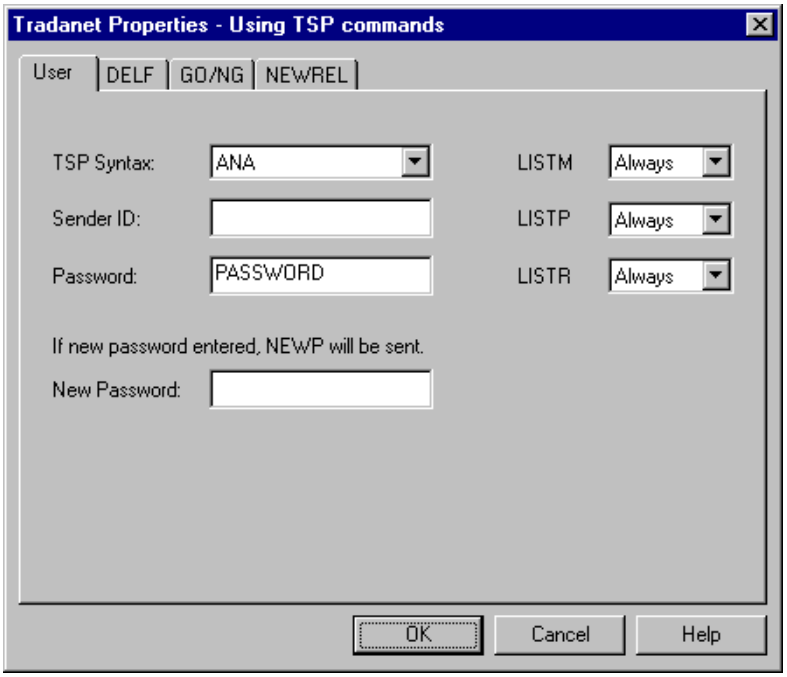
Part	Function
Type a name or select from the list	Type a mail address or choose an item from the list.
Recipient	Displays a list of Email addresses.
To	Click this button to make this mail address a primary recipient.
CC	Click this button to make this mail address a secondary recipient.

(Continued on next page)

(Contd) Part	Function
BCC	Click this button to make this mail address a secondary recipient. This mail address will not appear in the list of mail recipients that goes with the message.
OK	Closes this dialog and saves any changes you have made.
Cancel	Closes this dialog without saving any changes you have made.
Help	Click this button to display the online help.

Tradanet TSP User tab

This illustration shows an example of the Tradanet TSP User tab.



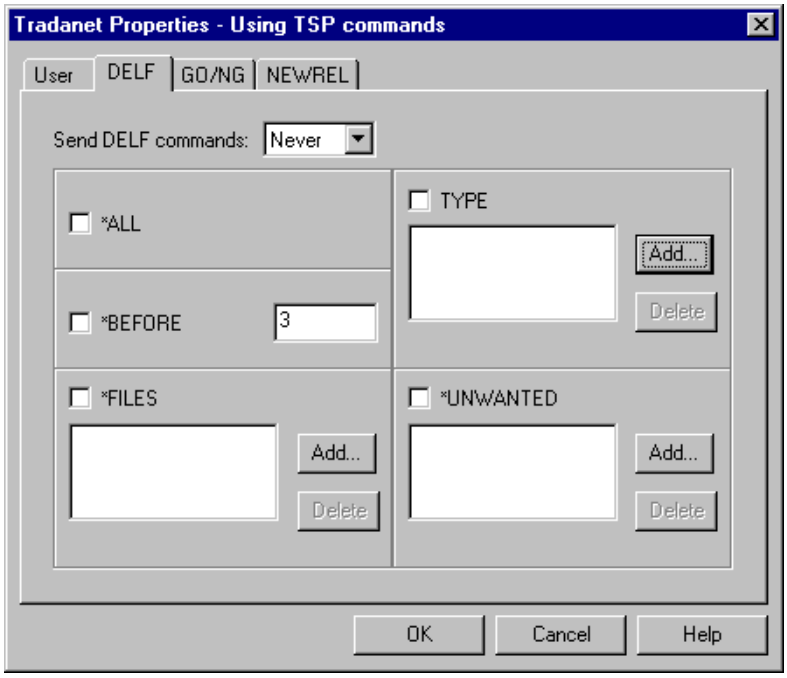
Parts and functions

This table describes the parts of the Tradanet TSP User tab and their functions.

Part	Function
TSP Syntax	Defines the standard data syntax used with this gateway mailbox. Valid values are: ◗ ANA ◗ ANAA ◗ DSHB
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. Valid values are: ◗ Never—never send this command. ◗ Always—always send this command. ◗ Once—send this command one time only.
LISTP	Lists outgoing messages in the users Tradanet Network Postbox. Valid values are: ◗ Never—never send this command. ◗ Always—always send this command. ◗ Once—send this command one time only.
LISTR	Lists Tradanet Network relationships the user has defined. Valid values are: ◗ Never—never send this command. ◗ Always—always send this command. ◗ Once—send this command one time only.
OK	Saves and applies changes; exits the dialog box.
Cancel	Cancels Changes; exits dialog.
Help	Launches the online Help system.

Tradanet TSP DELF tab

This illustration shows an example of the Tradanet TSP DELF tab. DELF is used to delete files.



Parts and functions

This table describes the parts of the Tradanet TSP DELF tab and their functions.

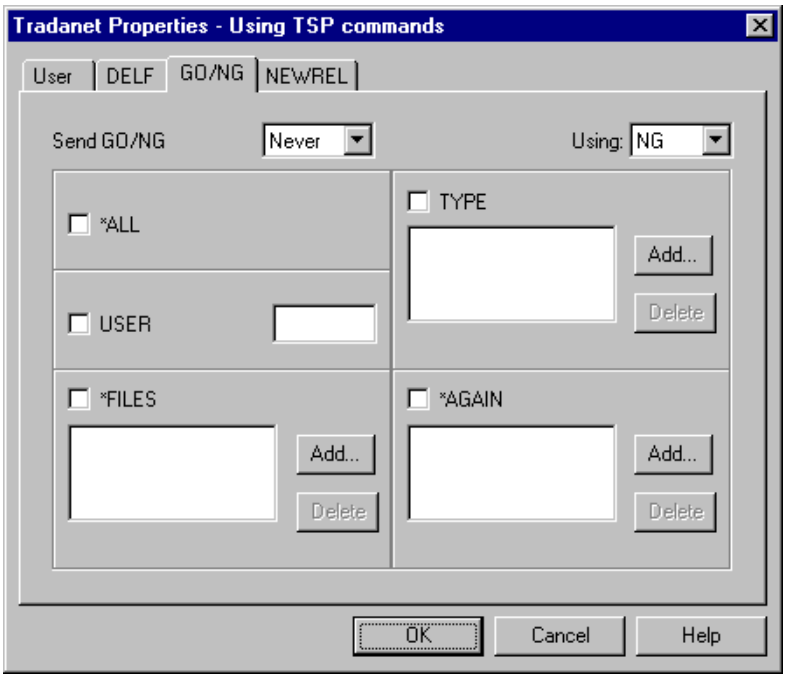
Part	Function
Send DELF commands	Defines when you want to send DELF commands. Valid values are: ◗ Never—never send this command. ◗ Always—always send this command. ◗ Once—send this command one time only.
*ALL	Deletes all previously extracted files.
TYPE	Deletes all previously extracted files with the specified data type (APRF).
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.

(Continued on next page)

(Contd) Part	Function
Add	Adds entries to the associated list.
Delete	Deletes entries from the associated list.
*UNWANTED	Deletes only the unextracted files that you specify.
Add	Adds entries to the associated list.
Delete	Removes entries from the associated list.
OK	Saves changes; exits dialog box.
Cancel	Cancels changes; exits dialog box.
Help	Launches online Help system.

Tradanet TSP GO/ NG tab

This illustration shows an example of the Tradanet TSP GO/NG tab.



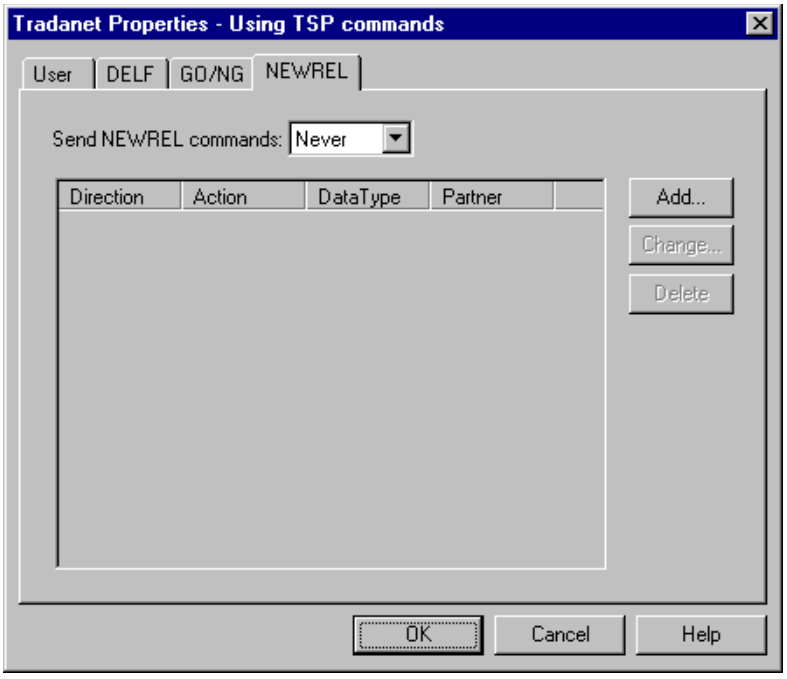
Parts and functions

This table describes the parts of the Tradanet TSP GO/NG tab and their functions.

Part	Function
Send GO/NG	Defines when you want to send GO/NG commands. Valid values are: ◗ Never—never send this command. ◗ Always—always send this command. ◗ Once—send this command one time only.
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).
Add	Adds entries to the associated list.
Delete	Removes 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.
Add	Adds entries to the associated list.
Delete	Removes entries from the associated list.
*AGAIN	Receives only the previously extracted files that you specify.
Add	Adds entries to the associated list.
Delete	Removes entries from the associated list.
OK	Saves changes; exits dialog box.
Cancel	Cancels changes; exits dialog box.
Help	Launches online Help system.

Tradanet TSP NEWREL tab

This illustration shows an example of the Tradanet TSP NEWREL tab.



Parts and functions

This table describes the parts of the Tradanet TSP NEWREL tab and their functions.

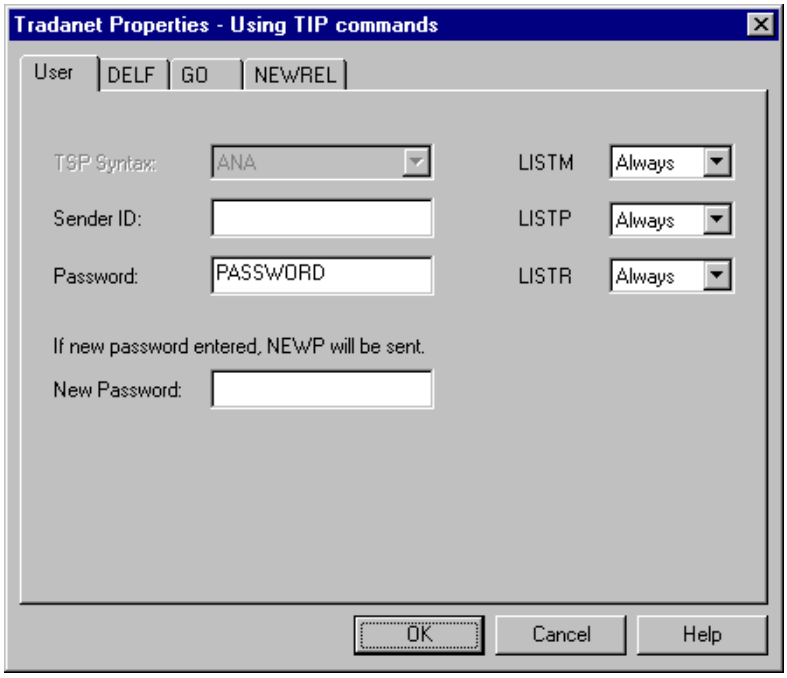
Part	Function
Send NEWREL commands	Defines when to send NEWREL commands. Valid options are: ◗ Never—never send this command. ◗ Once—send this command one time only.
Direction	Defines the direction that files are transmitted with the Relationship. Valid values are send and receive.
Action	Defines action 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.

(Continued on next page)

(Contd) Part	Function
Delete	Deletes a relationship from the list.
OK	Saves changes; exits the dialog box.
Cancel	Cancels changes; exits the dialog box.
Help	Launches the online Help system.

Tradanet TIP User tab

This illustration shows an example of the Tradanet TIP User tab.



Parts and functions

This table describes the parts of the Tradanet TIP User tab and their functions.

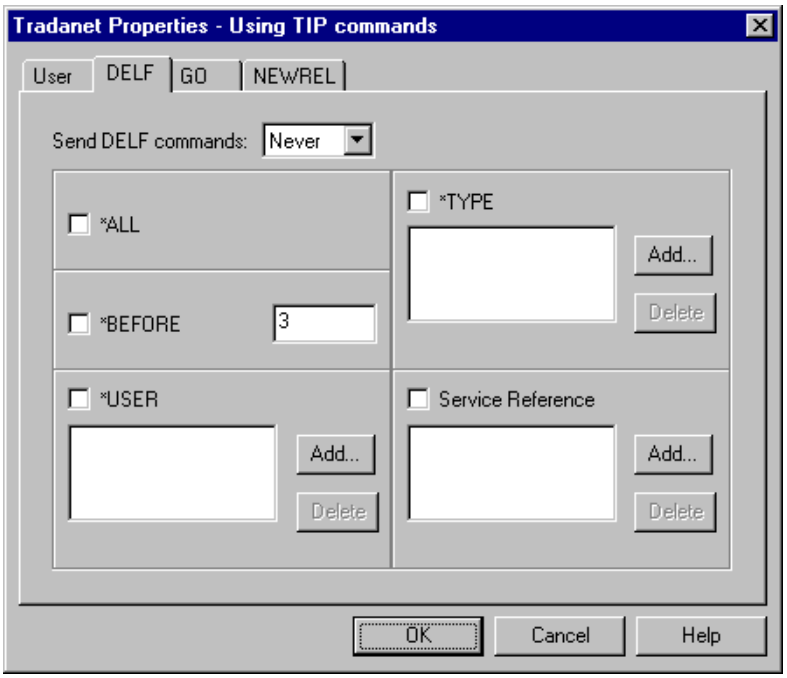
Part	Function
Sender ID	Identifies the Sender using an EDI number or OFTP ID defined on the Tradanet Network.
Password	Defines the Sender's Password on the Tradanet Network.
New Password	Defines a new password for the user. If specified, a NEWP command will be sent.

(Continued on next page)

(Contd) Part	Function
LISTM	Lists incoming messages in the users Tradanet Network Mailbox. Valid values are: ◗ Never—never send this command. ◗ Always—always send this command. ◗ Once—send this command one time only.
LISTP	Lists outgoing messages in the users Tradanet Network Postbox. Valid values are: ◗ Never—never send this command. ◗ Always—always send this command. ◗ Once—send this command one time only.
LISTR	Lists Tradanet Network relationships the user has defined. Valid values are: ◗ Never—never send this command. ◗ Always—always send this command. ◗ Once—send this command one time only.
OK	Saves and applies changes; exits the dialog box.
Cancel	Cancels Changes; exits dialog.
Help	Launches the online Help system.

Tradanet TIP DELF tab

This illustration shows an example of the Tradanet TIP DELF tab.



Parts and functions

This table describes the parts of the Tradanet TIP DELF tab and their functions.

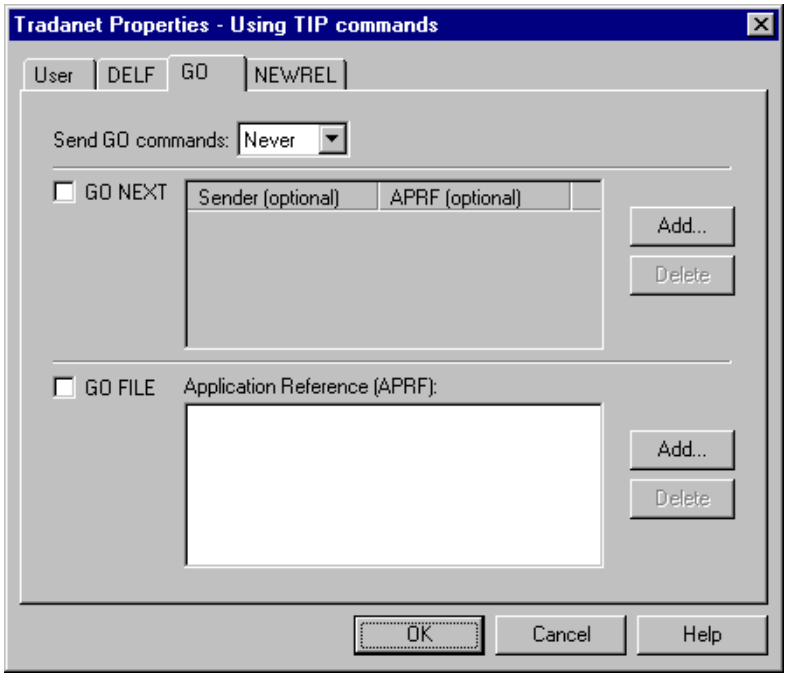
Part	Function
Send DELF commands	Defines when you want to send DELF commands. Valid values are: ◗ Never—never send this command. ◗ Always—always send this command. ◗ Once—send this command one time only.
*ALL	Deletes all previously extracted files.
*TYPE	Deletes all previously extracted files with the specified data type (APRF).
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.

(Continued on next page)

(Contd) Part	Function
Add	Adds entries to the associated list.
Delete	Deletes entries from the associated list.
Service Reference	Deletes files with the specified service reference.
Add	Adds entries to the associated list.
Delete	Deletes entries from the associated list.
OK	Saves changes; exits dialog box.
Cancel	Cancels changes; exits dialog box.
Help	Launches online Help system.

Tradanet TIP GO tab

This illustration shows an example of the Tradanet TIP GO tab.



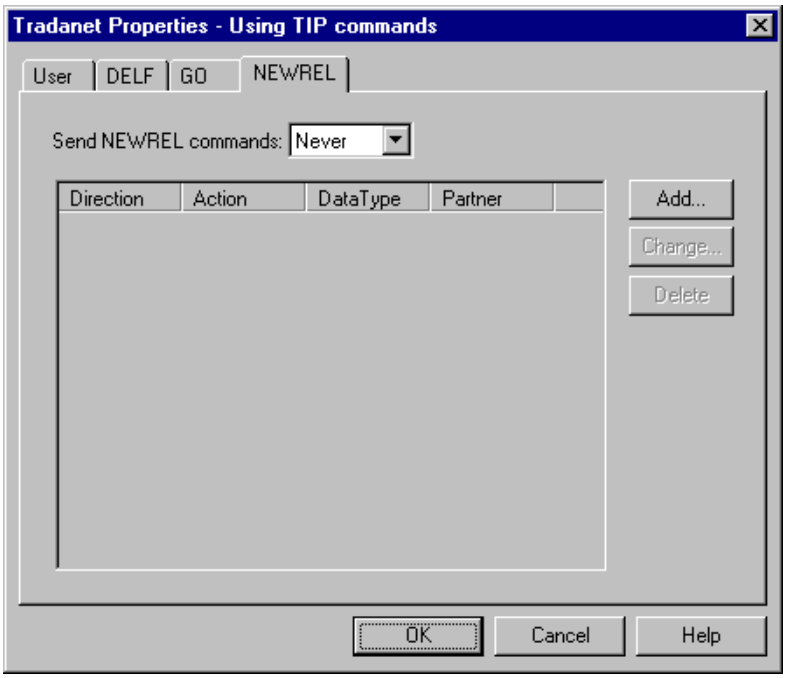
Parts and functions

This table describes the parts of the Tradanet GO tab and their functions.

Part	Function
Send GO commands	Defines when you want to send GO commands. Valid values are: ◗ Never—never send this command. ◗ Always—always send this command. ◗ Once—send this command one time only.
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.
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.
Add	Adds entries to the associated list.
Delete	Deletes entries from the associated list.
OK	Saves changes; exits dialog box.
Cancel	Cancels changes; exits dialog box.
Help	Launches online Help system.

Tradanet TIP NEWREL tab

This illustration shows an example of the Tradanet TIP NEWREL tab.



Parts and functions

This table describes the parts of the Tradanet TIP NEWREL tab and their functions.

Part	Function
Send NEWREL commands	Defines when to send NEWREL commands. Valid options are: ◗ Never—never send this command. ◗ Once—send this command one time only.
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.

(Continued on next page)

(Contd) Part	Function
Delete	Deletes a selected relationship from the list.
OK	Saves changes; exits the dialog box.
Cancel	Cancels changes; exits the dialog box.
Help	Launches the online Help system.

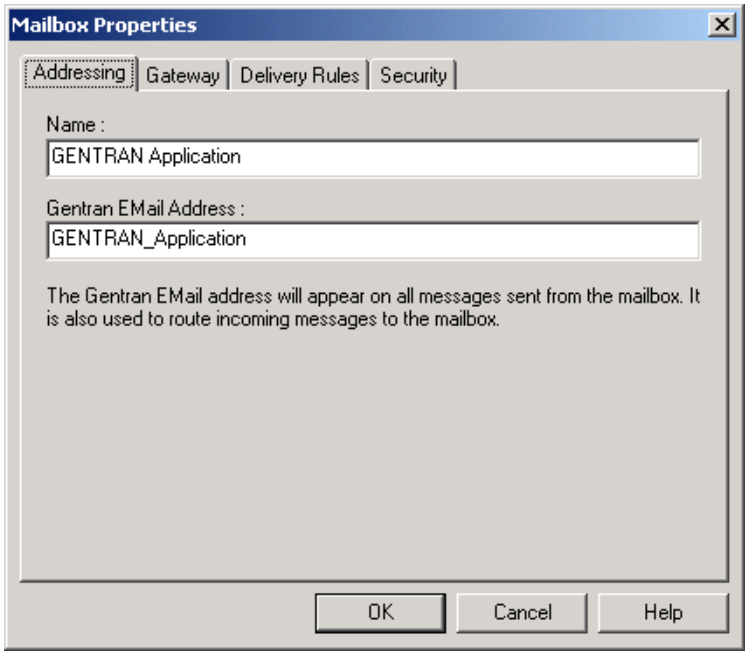
Mailbox Properties

Introduction

The Mailbox Properties dialog box defines the properties of the mailbox.

Addressing Tab

This illustration shows an example of the Addressing tab of the Mailbox Properties dialog box.



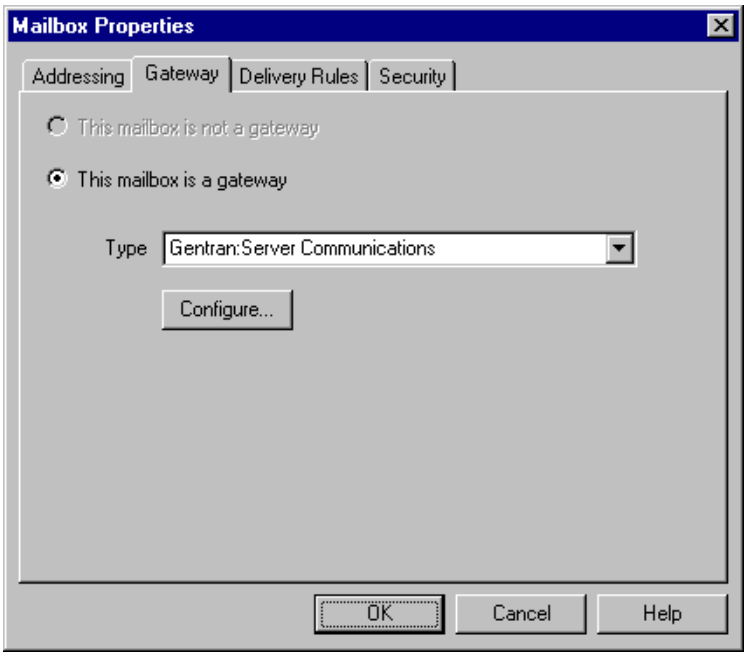
Parts and functions

This table describes the parts of the Addressing tab of the Mailbox Properties dialog box and their functions

Part	Function
Name	Defines the name of the mailbox.
Gentran e-mail address	Defines the Gentran e-mail address for messages sent from the mailbox.
OK	Saves changes; exits dialog.
Cancel	Closes dialog without saving changes.
Help	Enables access to online help.

Gateway Tab

This illustration shows an example of the Gateway tab of the Mailbox Properties dialog box.



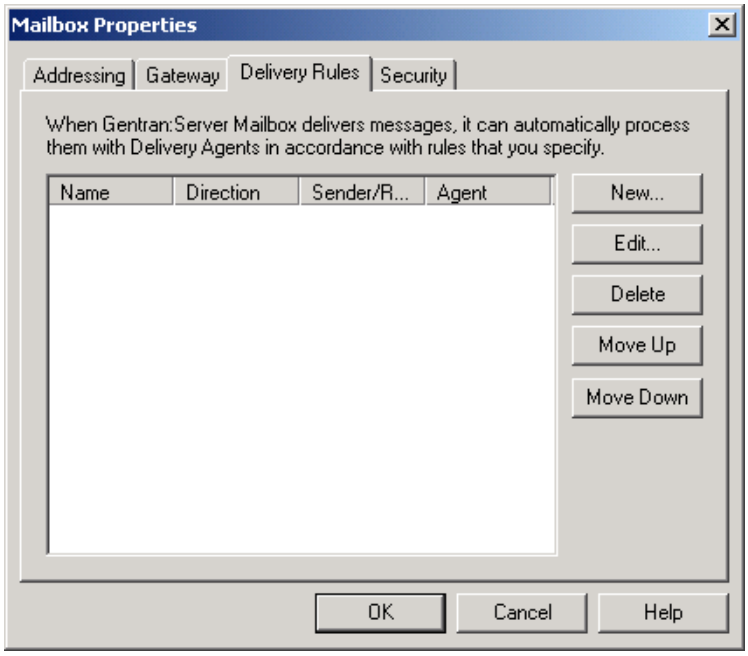
Parts and functions

This table describes the parts of the Gateway tab of the Mailbox Properties dialog box and their functions.

Part	Function
Gateway	Specifies whether the the mailbox is or is not a gateway. Options are: ◗ This mailbox is not a gateway ◗ This mailbox is a gateway
Type	Specifies type of gateway. Active when “This mailbox is a gateway” radio button is selected.
Configure	Enables you to configure properties for a selected gateway.
OK	Saves changes; exits dialog.
Cancel	Closes dialog without saving changes.
Help	Enables access to online help.

Delivery Rules Tab

This illustration shows an example of the Delivery Rules tab of the Mailbox Properties dialog box.



Parts and functions

This table describes the parts of the Delivery Rules tab of the Mailbox Properties dialog box and their functions.

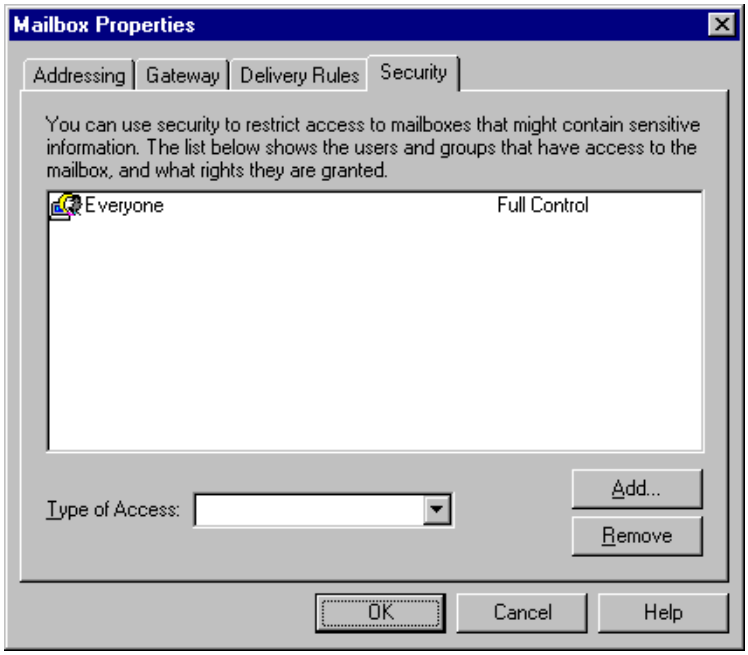
Part	Function
Name	Defines the name of the Delivery Rule.
Direction	Identifies if the rule is run when sending or receiving a message.
Sender/Recipient	Identifies the mailbox of the sender or recipient. The mail address can be specified in addition to the mailbox name.
Agent	Identifies the name of the delivery agent to be run.
New	Creates new Delivery Rules.
Edit	Edits existing Delivery Rules.
Delete	Deletes Delivery Rules.
Move Up	Moves the selected Delivery Rule up.
Move Down	Moves the selected Delivery Rule down.
OK	Saves changes; exits dialog.

(Continued on next page)

(Contd) Part	Function
Cancel	Closes dialog without saving changes.
Help	Enables access to online Help.

Security Tab

This illustration shows an example of the Security tab of the Mailbox Properties dialog box.



Parts and functions

This table describes the parts of the Security tab of the Mailbox Properties dialog box and their functions.

Part	Function
User's 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 users or groups mailbox access.

(Continued on next page)

(Contd) Part	Function
Remove	Enables you to take away user or group mailbox access.
OK	Saves changes; exits dialog.
Cancel	Closes dialog without saving changes.
Help	Enables access to online help.

Procedures

Configuration Process

Introduction

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

Configuration stages

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 applett in the Control Panel. **Reference** Refer to your Microsoft Windows documentation for more information on defining communications hardware.
2	Configure the Gentran:Server Communications Gateway for Advanced Data Distribution. **Reference** See *How to Configure Your Communications Gateway* on page 2 - 44 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. **Reference** See *How to Create Advanced Data Distribution Mailboxes* on page 2 - 53 for more information.

How to Configure Your Communications Gateway

Introduction

This section describes how to configure your 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 Gentran:Server system.

Before you begin

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

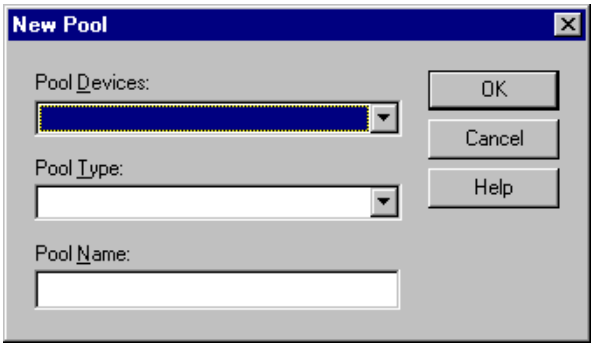
Procedure

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

Step	Action
1	Start the **Mailbox Server Manager**. **System Response** The system displays the Mailbox Server Manager browser dialog box.
2	Expand the **Gateways** folder to display a list of installed gateways.
3	Select the **Gentran:Server Communications** from the Gateway folder.
4	Right-click and select **Properties** to define the properties for this gateway. **System Response** The system displays the Gentran:Server Communications dialog box.
5	Select the **communications server** you are configuring from the Communications Servers list on the Servers tab. **System Response** A list of available communications devices for that communications server appears in the Devices list.
6	Click the **check box** in front of the device to be made available for pooling from the Devices list. (Continued on next page)

<table>
<tr><th>(Contd) Step</th><th>Action</th></tr>
<tr><td>7</td><td>Repeat Step 1 through Step 6 for each communications controller in your Mailbox Server system.

Example
You want to make a 56 kbps modem on CommServ1 and a 28.8kbps modem on CommServ2 available for use by any computer in your Mailbox Server system. You start the Mailbox Server Manager on CommServ1, select CommServ1 from the Servers list, and select the 56 kbps modem from the Devices list. You start the Mailbox Server Manager on CommServ2, select CommServ2 from the Servers list and 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.</td></tr>
<tr><td>8</td><td>Select the Pools tab and click New to add a new Pool.

System Response
The system displays the New Pool dialog box.
 
</td></tr>
<tr><td>9</td><td>Select a device from the Pool Devices list.</td></tr>
<tr><td>10</td><td>Use this table to determine what to select from the Pool Type list.
<table>
<tr><th>IF you are creating a pool that…</th><th>THEN select…</th></tr>
<tr><td>initiates communications connections,</td><td>Remote only</td></tr>
<tr><td>receives communications connections,</td><td>Host only</td></tr>
<tr><td>initiates and receives communications connections,</td><td>Host and Remote</td></tr>
</table></td></tr>
<tr><td>11</td><td>Type a unique name for this pool in the Pool Name box.
(Continued on next page)</td></tr>
</table>

<table>
<tr><th>(Contd) Step</th><th colspan="2">Action</th></tr>
<tr><td>12</td><td colspan="2">Use this table to determine your next step.</td></tr>
<tr><td></td><td>IF the Pool Type that you selected in Step 11 is...</td><td>THEN proceed to...</td></tr>
<tr><td></td><td>Remote Only,</td><td>Step 25</td></tr>
<tr><td></td><td>Host Only,</td><td>Step 13</td></tr>
<tr><td></td><td>Host and Remote,</td><td>Step 13</td></tr>
<tr><td>13</td><td colspan="2">Use this table to determine your next step.</td></tr>
<tr><td></td><td>If you selected this Pool Device in Step 9,</td><td>THEN...</td></tr>
<tr><td></td><td>CAPI</td><td>◗ Select an ISDN channel. Valid options are B - Channel and D - Channel. B - Channel is the default selection.
◗ Proceed to the next step.</td></tr>
<tr><td></td><td>SOCKETS</td><td>◗ Enter the appropriate value in the Listener Port box.
◗ Proceed to the next step.</td></tr>
<tr><td>14</td><td colspan="2">Click Script to define the Advanced Data Distribution login script to use with this gateway.

Note
The script you associate with the pool is the primary login script for this gateway. 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.

Related Topic
See the “Script Language Reference” chapter of the “Script Language Reference Guide” for a description of the script language provided for use with the Gentran:Server for Windows communications subsystem.

Example
A remote system initiates a call to your 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.</td></tr>
<tr><td>15</td><td colspan="2">Click New.

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

<table>
<tr><th>(Contd) Step</th><th colspan="2">Action</th></tr>
<tr><td>16</td><td colspan="2">Type a unique script name, and click OK.

System Response
The system displays the Script Editor dialog box.</td></tr>
<tr><td>17</td><td colspan="2">Use this table to determine your next step.</td></tr>
<tr><td></td><td>IF you want to...</td><td>THEN...</td></tr>
<tr><td></td><td>Create a script,</td><td>◗ Type the script information on the Script dialog.

Related Topic
See Script Language Reference of the Script Language Reference Guide for a description of the script language provided for use with the Gentran:Server for Windows communications subsystem.

◗ Proceed to Step 20.</td></tr>
<tr><td></td><td>Use a sample script that is provided,</td><td>◗ Proceed to the next step.</td></tr>
<tr><td>18</td><td colspan="2">Select Import from the File menu.

System Response
The system displays the Import Script dialog box.</td></tr>
<tr><td>19</td><td colspan="2">Select a script, and click Open.

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

System Response
A copy of the script file is loaded into the Script Editor.</td></tr>
<tr><td>20</td><td colspan="2">Select Compile from the File menu.

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

Note
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.</td></tr>
<tr><td>21</td><td colspan="2">Close the compile dialog box and click Yes to save the compiled script.

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

<table>
<tr><th>(Contd) Step</th><th>Action</th></tr>
<tr><td>22</td><td>Select Exit from the File menu.</td></tr>
<tr><td>23</td><td>Click Yes to save changes.

System Response
You return to the Script dialog box.</td></tr>
<tr><td>24</td><td>Does the script that you selected contain variables?

◗ If yes, 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. Proceed to the next step.

◗ If no, proceed to the next step.</td></tr>
<tr><td>25</td><td>Click OK to return to the Pools tab of the Gentran:Server Communications dialog box.</td></tr>
<tr><td>26</td><td>Click Add to add the device that you created to the pool.

System Response
The system displays the Add device(s) to pool dialog box.</td></tr>
<tr><td>27</td><td>Highlight the Server and Device name that you want to add to the pool, and click OK.

System Response
You return to the Pools tab dialog box; the device that you added displays in the Devices list.</td></tr>
<tr><td>28</td><td>Use this table to determine your next step.

<table><tr><th>IF the Pool Type that you selected in Step 11 is...</th><th>THEN proceed to...</th></tr><tr><td>Remote Only,</td><td>Step 42</td></tr><tr><td>Host Only,</td><td>Step 29</td></tr><tr><td>Host and Remote,</td><td>Step 29</td></tr></table></td></tr>
<tr><td>29</td><td>Select the Hosts tab.</td></tr>
<tr><td>30</td><td>Click the check box in front of the mailbox that you want to designate as a host mailbox.</td></tr>
<tr><td>31</td><td>Type a password in the Host Password box.</td></tr>
<tr><td>32</td><td>Click Defaults.

System Response
The system displays the Message Defaults dialog box.

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

(Contd) Step	Action
33	Select or type a default content type for attachments option.
34	Select or type a default content type for messages option.
35	Click **Edit Recipients**. **System Response** The system displays the Edit Recipients dialog box.
36	Select a recipient from the list and click **To**. **System Response** The system displays the EMail Addresses dialog box.
37	Do you want to specify an E-mail address? ◗ If yes, type the value in the box. 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. Proceed to the next step. ◗ If no, Click **OK** to return to the Edit Recipients dialog box. Proceed to the next step.
38	Click **OK** to return to the Message Defaults dialog box.
39	Click **OK** to return to the Hosts tab.
40	Do you want to assign a script to the selected mailbox? ◗ If yes, click **Script** and select, compile, and save a script for use with the selected mailbox. Proceed to the next step. **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. **Reference** See the "Script Language Reference" chapter of the "Script Language Reference Guide" for a description of the script language provided for use with the Gentran:Server for Windows communications subsystem. **Example** Sample Supertracs Host.script is a sample Host script provided with Gentran:Server. ◗ If no, continue with the next step.
41	Repeat **Steps 30 through 40** for each mailbox that you want to designate as a host.
42	Select the **Miscellaneous** tab. (Continued on next page)

(Contd) Step	Action
43	Do you want to enter default content type information for mailboxes that you create? ◗ If yes, type the appropriate content type information. **Note** You can override this default content type value at the mailbox level. ◗ If no, proceed to the next step.
44	Do you want the system to automatically purge communications logs? ◗ If yes, select the Automatically purge communications logs check box. Select the number of days after which you want the system to purge communications logs. Select a desired time at which you want the system to purge communications logs. Proceed to the next step. ◗ If no, proceed to the next step.
45	Click **OK** to complete the configuration of this gateway.
46	Stop the **Gentran:Server Communications** service on each communications controller. **Reference** See *How to Stop the Communications Service* on page 2 - 52 for more information.
47	Stop the **Gentran:Server Mailbox** service. **Reference** See How to Stop the Mailbox Service in the *Communications User's Guide* for more information.
48	Restart the **Gentran:Server Mailbox** service. **Reference** See How to Stop the Mailbox Service in the *Communications User's Guide* for more information.
49	Restart the **Gentran:Server Communications** service on each communications controller. **Reference** See *How to Start the Communications Service* on page 2 - 51 for more information. You are now ready to create mailboxes to use with this gateway.

How to Start the Communications Service

Introduction

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

You may use the services applett in the Microsoft Windows Control Panel to start the Gentran:Server Communications service.

Reference
See How to Start the Mailbox Service in the *Communications User's Guide* for additional information.

Procedure

Use this procedure to start the Gentran:Server Communications service.

Step	Action
1	Start the **Mailbox Server Manager**. **System Response** The system displays the Server Manager browser.
2	Select the **Gentran:Server Communications** from the Gateway folder.
3	Right-click and select **Properties** to alter the properties for this gateway. **System Response** The system displays the Gentran:Server Communications dialog box.
4	Select the communications controller you want to start, and click **Start**. **System Response** The selected communications controller begins transmitting and receiving queued messages.
5	Repeat **Step 4** for each communications controller.
6	Click **OK**.

How to Stop the Communications Service

Introduction

The Gentran:Server Communications service controls communications sessions between Mailbox Server and your Trading Partners.

The Gentran:Server Communications service is dependent upon the Gentran:Server Mailbox service. You may use the services applett in the Microsoft Windows Control Panel to stop the Gentran:Server Communications service.

Reference
See How to Stop the Mailbox Service in the *Communications User's Guide* for more information.

When to use

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

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 Gentran:Server Communications service before the modems assigned to that Pool can answer incoming calls.

Procedure

Use this procedure to stop the Gentran:Server Communications service.

Step	Action
1	Start the **Mailbox Server Manager**. **System Response** The system displays the Server Manager browser.
2	Select the **Gentran:Server Communications** from the Gateway folder.
3	Right-click and select **Properties** to alter the properties for this gateway. **System Response** The system displays the Gentran:Server Communications dialog box.
4	Select the communications controller you want to halt, and click **Stop**. **System Response** All communications using the selected communications controller ceases.
5	Repeat **Step 4** for each communications controller.
6	Click **OK**.

How to Create Advanced Data Distribution Mailboxes

Introduction

This section describes how to create Advanced Data Distribution mailboxes.

Procedure

Use this procedure to create Advanced Data Distribution mailboxes.

Step	Action	
1	Start the **Mailbox Server Manager**. **System Response** The system displays the Mailbox Server Manager browser.	
2	Select the **Mailboxes** folder icon.	
3	Right-click the mouse and select **Create**. **System Response** The system displays the Create Mailbox Wizard.	
4	Type the **name of the mailbox** you are creating and click **Next twice**. **System Response** The system displays a dialog asking whether you want to use the mailbox as a gateway to another messaging system.	
5	Use this table to determine your next step.	
	IF you are…	**THEN select…**
	receiving calls,	**No, this mailbox is not a gateway.**
	sending and receiving calls,	**Yes, use this mailbox as a gateway** and select **Gentran:Server Communications** as the gateway that you want to use with this new mailbox.
6	Click **Next**. **System Response** The system displays the Create Mailbox Wizard - Summary dialog box. (Continued on next page)	

<table>
<tr><th>(Contd) Step</th><th>Action</th></tr>
<tr><td>7</td><td>Is the information that you entered correct?
If yes, click Finish.
If no, click the Back button to correct the information.
Note
If you attempt 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.</td></tr>
<tr><td>8</td><td>In Step 5, 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.</td></tr>
<tr><td>9</td><td>Use this table to determine your next step.<table><tr><th>IF you are using…</th><th>THEN select…</th></tr><tr><td>asynchronous communications,</td><td>TAPI from the Transport list.</td></tr><tr><td>bisynchronous communications,</td><td>BISYNC from the Transport list.</td></tr><tr><td>TCP/IP,</td><td>SOCKETS from the Transport list.</td></tr><tr><td>File Transfer Protocol,</td><td>FTP from the Transport list.</td></tr><tr><td>WS_FTP Pro File Transfer Program,
Note
You must install the WS_FTP program before you can begin to use this protocol to transfer messages.</td><td>WSFTP from the Transport list.</td></tr><tr><td>ISDN,</td><td>CAPI from the Transport list.</td></tr><tr><td>Eicon X.25 communications,
Note
You must install the Eicon X.25 hardware and software before you can begin to use this protocol to transfer messages.</td><td>EICONX.25 from the Transport list.</td></tr></table>(Continued on next page)</td></tr>
</table>

(Contd) Step	Action
10	Click the **Properties** button and define the Transport properties. **System Response** The system displays the properties page for the transport type that you selected.
11	Fill in the fields as necessary, and click **OK**.
12	Click **Script** to define the script and variable values. **System Response** The system displays the Script dialog box. **Reference** See the "Script Language Reference" chapter of the "Script Language Reference Guide" for a description of the script language provided for use with the Gentran:Server for Windows communications subsystem.
13	Click **New**.
14	Type a unique script name, and click **OK**. **System Response** The system displays the Script Editor.
15	Select **Import** from the File menu. **System Response** The system displays the Import Script dialog box.
16	Select a script, and click **Open**. **System Response** A copy of the script file is loaded into the Script editor.
17	Select **Compile** from the File menu. **System Response** 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. **Note 1** Contact Product Support if you receive errors during compilation. **Note 2** 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.
18	Close the compile dialog box, and click **Yes** to save the compiled script. (Continued on next page)

(Contd) Step	Action
19	Select **Exit** from the File menu, and click **Yes** at the prompt to save changes. **System Response** You are returned to the Script dialog box.
20	Select the variable you want to define and type the appropriate value in the value box.
21	Have you entered values for all of the variables for this script? ◗ If no, repeat Step 20 for each variable. Click **OK** to return to the Gateway Properties dialog box. ◗ If yes, click **OK** to return to the Gateway Properties dialog box.
22	Click **Defaults** to define the message defaults for this gateway. **System Response** The system displays the Message Defaults dialog box.
23	Type **Application/EDI** in the Use this Content Type for all attachments box.
24	Type **Application/EDI** in the Use this Content Type for all messages box.
25	Click **Edit Recipients**. **System Response** The system displays the Edit Recipients dialog box.
26	Select Gentran Application and click **To** to forward message that you receive to Gentran:Server.
27	Click **OK**. **System Response** The system displays the Email Addresses dialog box.
28	Do you want to specify an e-mail address? ◗ If yes, type the information in the text box. Click **Add** to add the e-mail address. Repeat this process for each e-mail address that you want to add for this recipient. Click **OK** to return to the Edit Recipients dialog box. Click **OK**. ◗ If no, click **Cancel**. **System Response** You return to the Message Defaults dialog box. (Continued on next page)

(Contd) Step	Action	
29	Click **OK**. **System Response** You return to the Gateway Properties dialog box.	
30	Do you want to Auto Send messages? ◗ If yes, select the **Auto Send** check box. Select the Auto Send option that you want. Proceed to the next Step. ◗ If no, proceed to the next Step.	
31	Are you using Tradanet? ◗ If yes, select the **Enable Tradanet** commands check box. Select the command type that you want to use. Valid options are TSP and TIP. Click **Configure**. Proceed the next Step. ◗ If no, click **OK** to save your changes and to exit the Gateway Properties dialog box.	
32	Use the following table to determine your next Step.	
	If you selected this Tradanet command type...	**Then proceed to...**
	TSP,	*How to configure Tradanet TSP properties* on page 2 - 57.
	TIP,	*How to configure Tradanet TIP properties* on page 2 - 59.

How to configure Tradanet TSP properties

Use this procedure to configure Tradanet TSP properties.

Step	Action
1	From the Tradanet Properties - Using TSP Commands dialog box, select the **syntax** you want to use. **Recommendation** We recommend that you select ANA syntax.
2	Type your **EDI number** or **ANA User ID** in the Sender box.
3	Type your **Tradanet Network Password** in the Password box.
4	To enter a new password, type the value in the New Password box. (Continued on next page)

(Contd) Step	Action
5	Select when to send LIST commands from the appropriate list. Valid values are: Always, Never, Once.
6	Select the **DELF** tab and complete the DELF dialog box. **Recommendation** 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.
7	Select the **GO/NG** tab and complete the GO/NG dialog box.
8	Select the **NEWREL** tab and complete the NEWREL dialog box. **Note** Use the NEWREL dialog box only when creating or removing trading relationships on the Tradanet Network.
9	Click **Add**. **System Response** The system displays the NewRel - Add dialog box.
10	Select the **Direction**.
11	Select the **Action**.
12	Select the **Data Type**.
13	Select the **Trading Partner**.
14	Click **OK**. **System Response** You return to the Tradanet Properties dialog box.
15	Click **OK** to save your changes and to return to the Gateway Properties dialog box.
16	Click **OK** to exit the Gateway Properties dialog box.

How to configure Tradanet TIP properties

Use this procedure to configure Tradanet TIP properties.

Step	Action
1	From the Tradanet Properties - Using TIP Commands dialog box, type your **ANA User ID** in the Sender ID box.
2	Type your **Tradanet Network Password** in the Password box. **Note** Your password is not displayed as you type it. To enter a new password, type the value in the New Password box.
3	Select when to send LIST commands from the appropriate list. Valid values are: Always, Never, Once.
4	Select the **DELF** tab and complete the DELF dialog box. **Recommendation** 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** tab and complete the GO dialog box.
6	Select the **NEWREL** tab and complete the NEWREL dialog box. **Note** Use the NEWREL dialog box only when creating or removing trading relationships on the Tradanet Network.
7	Click **Add**. **System Response** The system displays the NewRel - Add dialog box.
8	Select the **Direction**.
9	Select the **Action**.
10	Select the **Data Type**.
11	Select the **Trading Partner**.
12	Click **OK**. **System Response** You return to the Tradanet Properties dialog box.
13	Click **OK** to save your changes and to return to the Gateway Properties dialog box.
14	Click **OK** to exit the Gateway Properties dialog box.

Sample Session

Introduction

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

Assumptions

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.
- Gentran:Server has been installed and you have test data ready to be used with the sample session.

Procedure

Use the following procedure to test Advanced Data Distribution.

Step	Action
1	Start the **Mailbox Server Manager**. **System Response** The system displays the Server Mailbox Manager browser.
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. (Continued on next page)

(Contd) Step	Action
3	Configure the Gentran:Server Communications Gateway with the following properties: ◗ Create a **new pool** using the Host only Pool Type. ◗ Name this new pool **Host Mode**. ◗ Assign a **device** from one of your two Communications Controllers to this pool. ◗ Create a new script called **Host Mode** and import the *Sample Pool Host.script* file. ◗ Compile and save the script. ◗ On the Hosts Tab, click the **check box** in front of the Dial IN mailbox to use it as a Advanced Data Distribution mailbox. ◗ Type **host** as the Host Password. ◗ Create a new script called **Transmit** and import the **Sample Supertracs Host.script** file. ◗ Compile and save the script. ◗ Select the **trace** option to save a detailed record of your communications session to the log file. ◗ Click **Defaults**, then click **Edit Recipients** and move the **Gentran Application mailbox** to the **To** recipient list. ◗ Create a second pool using the **Remote only** Pool Type. ◗ Name this new pool **Remote**. ◗ Assign a **device** from the second of your two Communications Controllers to this pool. (Continued on next page)

(Contd) Step	Action
4	Create a **new mailbox** to be used when dialing out of Gentran:Server with the following properties: ◗ Name the mailbox **Dial OUT**. ◗ Use the email address **Dial_OUT**. ◗ Make this mailbox a gateway mailbox using the Gentran:Server Communications Gateway. ◗ Select **TAPI** as the transport type. ◗ Click **Properties** and select the **Remote** pool you created in Step 3. ◗ Type the **telephone number** for the device you associated with the Advanced Data Distribution pool. ◗ Create a new script called **Remote Mode** and import the *Sample Remote.script* file. ◗ Type **Dial_IN** as the MailboxID script variable. ◗ Type **host** as the MailboxPassword script variable. ◗ 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 Gentran:Server Desk, prepare a document for transmission.
7	Click the **phone** on the Gentran:Server Desk to initiate a communication session. **Note** You can check the progress of the transmission using the Sessions tab of the Gentran Communications Gateway Properties dialog box.
8	Check the In Documents, or ?In Documents items on the Gentran:Server Desk.

How to Modify Mailbox Properties

Introduction

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

Procedure

Use this procedure to modify mailbox properties.

Step	Action	
1	Start the **Mailbox Server Manager**.	
2	Expand the **Mailboxes** folder.	
3	Select the mailbox for which you want to add or modify properties.	
4	Right-click and select **Properties** from the short-cut menu. **System Response** The system displays the Mailbox Properties dialog box.	
5	Use this table to determine your next step.	
	IF you want to change the mailbox's…	**THEN click this tab…**
	◗ name ◗ Gentran E-mail address	Addressing
	◗ Gateway properties ◗ Configuration properties	Gateway
	delivery rules	Delivery Rules
	user security permissions	Security
6	Make the appropriate modifications and click **OK** to save changes and to exit the dialog box.	

APPENDIX

A

Error Messages

Contents

Overview

In this appendix

This appendix describes the messages that this gateway generates. If you are working with the communications subsystem through the Mailbox Server Manager, the user interface displays messages interactively.

Advanced Data Distribution Messages

Introduction

This topic provides you with the error messages that the Communications Gateway with Advanced Data Distribution writes to the Audit Log.

Reference
See Configuring Communications, chapter 2 in this guide, for more information on configuration procedures.

Messages

This table describes error messages associated with this gateway.

Msg ID	Message Text	Explanation/Your Action
5	StartServiceCtrlDipatcher failed: [(numeric error code)] [(error message description)].	**Explanation** This error occurs if the service fails to start. **Your Action** Contact customer support.
8	OpenSCManager failed: [(numeric error code)] [(error message description)].	**Explanation** This error occurs when the system is unable to open the service control manager when performing an install or remove service command line function. **Your Action** Contact customer support.
9	GetModuleFileName failed: [(numeric error code)] [(error message description)].	**Explanation** This error occurs when an attempt is made to get the module name to perform an install or remove service command line function. **Your Action** Contact customer support.
10	CreateService [(service name)] failed: [(numeric error code)] [(error message description)].	**Explanation** This error occurs when calling the CreateService function to perform an install service command line function. **Your Action** Contact customer support.

(Continued on next page)

(Contd) Msg ID	Message Text	Explanation/Your Action
11	CLAPIInitialise failed.	**Explanation** The CLAPI interface used to communicate with the Gentran:Server system failed to initialize. **Your Action** Contact customer support.
12	OpenService [(service name)] failed: [(numeric error code)] [(error message description)].	**Explanation** This error occurs when calling the OpenService function to perform a remove service command line function. **Your Action** Contact customer support.
13	DeleteService [(service name)] failed: [(numeric error code)] [(error message description)].	**Explanation** This error occurs when calling the DeleteService function to perform a remove service command line function. **Your Action** Contact customer support.
15	RegisterServiceCtrlHander failed: [(numeric error code)] [(error message description)].	**Explanation** This error occurs if the call to register the service control handler fails in service main. **Your Action** Contact customer support.
16	RPC failed to connect to Primary Controller.	**Explanation** This error occurs if an RPC connection to the primary controller could not be established. **Your Action** Contact customer support.
18	Gentran:Server Communications requires Windows Version 4.0 (Build 1381) or higher.	**Explanation** An incompatible version of Windows was detected. **Your Action** Install or upgrade to Windows 4.0 (Build 1381) or higher with the latest service pack. (Continued on next page)

(Contd) Msg ID	Message Text	Explanation/Your Action
50000	[(mailbox function)] failed with code [(error code number)] at line [(line in the code caused the error)].	**Explanation** This is a generic error message used when calls to mailbox fail. **Your Action** Contact customer support.
50001	CArchive exception occurred at line [(line in the code that caused the error)].	**Explanation** This is a generic error message used when a CArchive exception occurs. **Your Action** Contact customer support.
50002	RpcServerUseProtseqEp (Named Pipe) failed at line [(line in the code that caused the error)]: [(RPC error)].	**Explanation** This is a generic error message used when calls to the RPC server fail. **Your Action** Contact customer support.
50003	RpcServerUseProtseqEp (Local) failed at line [(line in the code that caused the error)]: [(RPC error)].	**Explanation** This is a generic error message used when calls to the RPC server fail. **Your Action** Contact customer support.
50004	RpcServerInqBindings failed at line [(line in the code that caused the error)]: [(RPC error)].	**Explanation** This is a generic error message used when calls to the RPC server fail. **Your Action** Contact customer support.
50005	UuidFromString failed at line [(line in the code that caused the error)]: [(RPC error)].	**Explanation** This is a generic error message used when calls to the RPC server fail. **Your Action** Contact customer support.
50006	RpcEpRegister failed at line [(line in the code that caused the error)]: [(RPC error)].	**Explanation** This is a generic error message used when calls to the RPC server fail. **Your Action** Contact customer support. (Continued on next page)

(Contd) Msg ID	Message Text	Explanation/Your Action
50007	RpcBindingVectorFree failed at line [(line in the code that caused the error)]: [(RPC error)].	**Explanation** This is a generic error message used when calls to the RPC server fail. **Your Action** Contact customer support.
50008	RpcServerRegisterIf failed at line [(line in the code that caused the error)]: [(RPC error)].	**Explanation** This is a generic error message used when calls to the RPC server fail. **Your Action** Contact customer support.
50009	RpcStringBindingCompose failed at line [(line in the code that caused the error)]: [(RPC error)].	**Explanation** This is a generic error message used when calls to the RPC server fail. **Your Action** Contact customer support.
50010	RpcBindingFromStringBinding failed at line [(line in the code that caused the error)]: [(RPC error)].	**Explanation** This is a generic error message used when calls to the RPC server fail. **Your Action** Contact customer support.
50011	RpcException occurred at line [(line in the code that caused the error)]: [(RPC error)].	**Explanation** This is a generic error message used when calls to the RPC server fail. **Your Action** Contact customer support.
50012	Invalid device pool version.	**Explanation** This error occurs if the version of the device pool information is incompatible with the version of software that you are running. **Your Action** 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)].	**Explanation** This is a generic error message used when calling the CreateThread function. **Your Action** Contact customer support. (Continued on next page)

(Contd) Msg ID	Message Text	Explanation/Your Action
50014	CreateEvent [(event name)] failed at line [(line in the code caused the error)]: [(numeric error code)] [(error message description)].	**Explanation** This is a generic error message used when calling the CreateEvent function. **Your Action** Contact customer support.
50015	SetCurrentDirectory [(directory name)] failed at line [(line in the code caused the error)]: [(numeric error code)] [(error message description)].	**Explanation** This is a generic error message used when calling the SetCurrentDirectory function. **Your Action** Contact customer support.
50016	CreateFile [(file name)] failed at line [(line in the code caused the error)]: [(numeric error code)] [(error message description)].	**Explanation** This is a generic error message used when calling the CreateFile function. **Your Action** Contact customer support.
50017	ReadFile [(file name)] failed at line [(line in the code caused the error)]: [(numeric error code)] [(error message description)].	**Explanation** This is a generic error message used when calling the ReadFile function. **Your Action** Contact customer support.
50018	WaitForObject failed at line [(line in the code caused the error)]: [(numeric error code)] [(error message description)].	**Explanation** This is a generic error message used when calling the WaitForObject function. **Your Action** Contact customer support.
50019	RpcMgmtIsServerListening failed at line [(line in the code caused the error)]: [(RPC error)].	**Explanation** This is a generic error message used when calls to the RPC server fail. **Your Action** Contact customer support.
50020	RpcServerUnregisterIf failed at line [(line in the code caused the error)]: [(RPC error)].	**Explanation** This is a generic error message used when calls to the RPC server fail. **Your Action** Contact customer support. (Continued on next page)

(Contd) Msg ID	Message Text	Explanation/Your Action
50021	RpcEpUnregister failed at line [(line in the code caused the error)]: [(RPC error)].	**Explanation** This is a generic error message used when calls to the RPC server fail. **Your Action** Contact customer support.
50022	RpcMgmtStopServerListening failed at line [(line in the code caused the error)]: [(RPC error)].	**Explanation** This is a generic error message used when calls to the RPC server fail. **Your Action** Contact customer support.
50023	RpcServerListen failed at line [(line in the code caused the error)]: [(RPC error)].	**Explanation** This is a generic error message used when calls to the RPC server fail. **Your Action** Contact customer support.

APPENDIX

B

Working with OFTP

Contents

Overview

Introduction

This topic contains some special instructions when working with OFTP (Odette File Transfer Protocol).

Defining the SSID and SFID Commands

Introduction

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.

Script variables

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 - This is the sender's OFTP code (SSID).
- The sender's OFTP Password.
- The sender's new OFTP Password, if he or she is changing the password.

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 by means of the OFTP protocol.

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

Script Example

This is an example of the Sample OFTP Remote.script that is installed with Gentran:Server.

```
// Sample OFTP Remote Script

// define user editable variables
scriptvar string[10] MailboxID;
scriptvar string[10] MailboxPassword;
string[80] LogonCard;
LogonCard = "LOGON MBX=" + MailboxID + " PSW=" + MailboxPassword
+ "^0D";

// logon procedure
AsciiSndCtl(LogonCard);
AsciiRcvCtl("IODETTE FTP READY ^0D");
OftpRemote("OFTPID", "OFTP PSW", "");
SetStatus(SUCCESS);
```

OFTPID = Sender's OFTP code (SSID)

OFTP PSW = 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.

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

Script Example

This is an example of the Sample OFTP host.script that is installed with Gentran:Server.

```
// Sample OFTP Host script

AsciiSndCtl("IODETTE FTP READY ^0D");
OftpHost("SAMPLE ODETTE FTP HOST", "OFTP PSW", "");
SetStatus(SUCCESS);
```

Sample ODETTE FTP Host = Host's OFTP (SSID) code

OFTP PSW = Host's OFTP(SSID) password

Related Documentation

See the **OftpHost** and **OftpRemote** topics in the Script Language Reference chapter of the "Script Language Reference Guide" for additional information on those scripts.

How to Create a Partner Definition (OFTP Remote VAN Users)

Introduction

This section describes how to create a new partner definition for use when sending data using the OFTP protocol.

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

Reference
See the Partner Editor topic in the Gentran:Server for Windows online Help file for more information on creating new Partner Definitions.

Before you begin

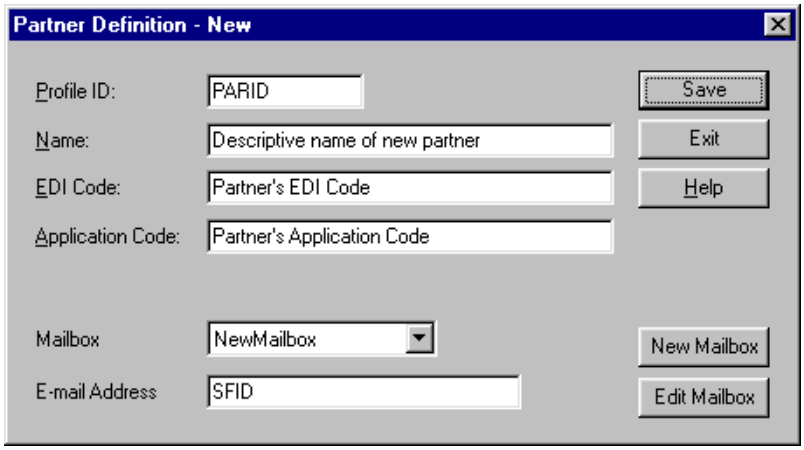
Before you begin this procedure, verify that you have the following information:

- Your trading partner's OFTP SFID. This is typically your trading partner's Mailbox ID.
- Your trading partner's application code.

Procedure

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

Step	Action
1	In Gentran:Server, select **Partners** from the appropriate area of The Desk. **System Response** The system displays the Partner Editor dialog box.
2	Click **New**. (Continued on next page)

(Contd) Step	Action
3	Complete the following: ◗ **Profile ID:** Enter your trading partner's internal system identification information. ◗ **Name:** Enter the name of how you want Gentran:Server 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. **System Response** Your Partner Definition - New dialog box should look similar to the following. 
4	Click **Save**.
5	Click **Exit** to exit the dialog box.

Defining the Virtual Filename and Data Format

Introduction

You can use the content type of the message attachment to:

- override the OFTP filename being created on the remote OFTP machine.
- define the data format.

Procedure

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

Step	Action
1	Select **Partners** from The Desk. **System Response** The system displays the Partner Editor dialog box.
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**. **System Response** The system displays the Outbound Interchange Entry dialog box.
6	Click **Advanced**. (Continued on next page)

(Contd) Step	Action
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. To specify a data format, enter **DataFormat**_*xx* in the Content Type box. **where:** *xx* is the data format. To specify both, enter **FileName_xx/DataFormat_xx**. **Note** The Content Type field value is in the form of Content type/Content Sub Type. The Content type is a mandatory value, which must be followed by a forward slash (/). A Sub Content Type value must be preceded by a Content Type and a forward slash (/). **Example** FileName_out161/ or DataFormat_v/FileName_xx
8	Click **Save** to return to the Outbound Interchange Select dialog box.
9	Click **Exit** to return to the Outbound Relationship dialog box.
10	Click **Save**.
11	Click **Exit** twice to return to The Desk.