

GENTRAN:Director®

Version 5.3

Administrator's Guide

Sterling Commerce
An IBM Company

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Getting Started

GENTRAN:Director[®] 5.3 provides you with the tools you need to electronically exchange data with your trading partners. These tools include:

- Process Control
 - System Configuration
 - Data translation
 - Communications
-

Introducing GENTRAN:Director 5.3

GENTRAN:Director 5.3 is a process control, data translation, and communications system primarily designed for the translation and communication of EDI and other data.

Using Process Control

GENTRAN:Director 5.3 Process Control allows you to:

- Integrate GENTRAN:Director with a variety of business applications
 - Operate GENTRAN:Director in unattended mode
 - Track a message through processing using audit trails and message tracking
-

Using Data Translation and Communication

GENTRAN:Director executes the communication and translation functions for GENTRAN:Director 5.3.

Using Data Storage

GENTRAN:Director 5.3 uses a database and a data store to store data. Microsoft Access is the relational database GENTRAN:Director uses.

The database indicators point to the actual data, which is located in the system data store. The system data store contains all shared GENTRAN:Director data.

Using GENTRAN: Director Components

The main components of GENTRAN:Director 5.3 are:

- Electronic Commerce (EC) Manager enables you to view and maintain document, interchange, audit, reporting, process control, communications, and translation object information. In addition, use EC Manager to access the Partner Editor and Document Editor.
- Partner Editor enables you to define, edit, and delete partner information for your company and your trading partners.
- Document Editor enables you to create, modify, and view documents.
- System Configuration enables you to stop and start GENTRAN:Director Executive and to modify configuration parameters, including system directories, import specifications, splitter options, and users.

Using Additional Components

Additional components are also available to further enable GENTRAN:Director. Additional components include:

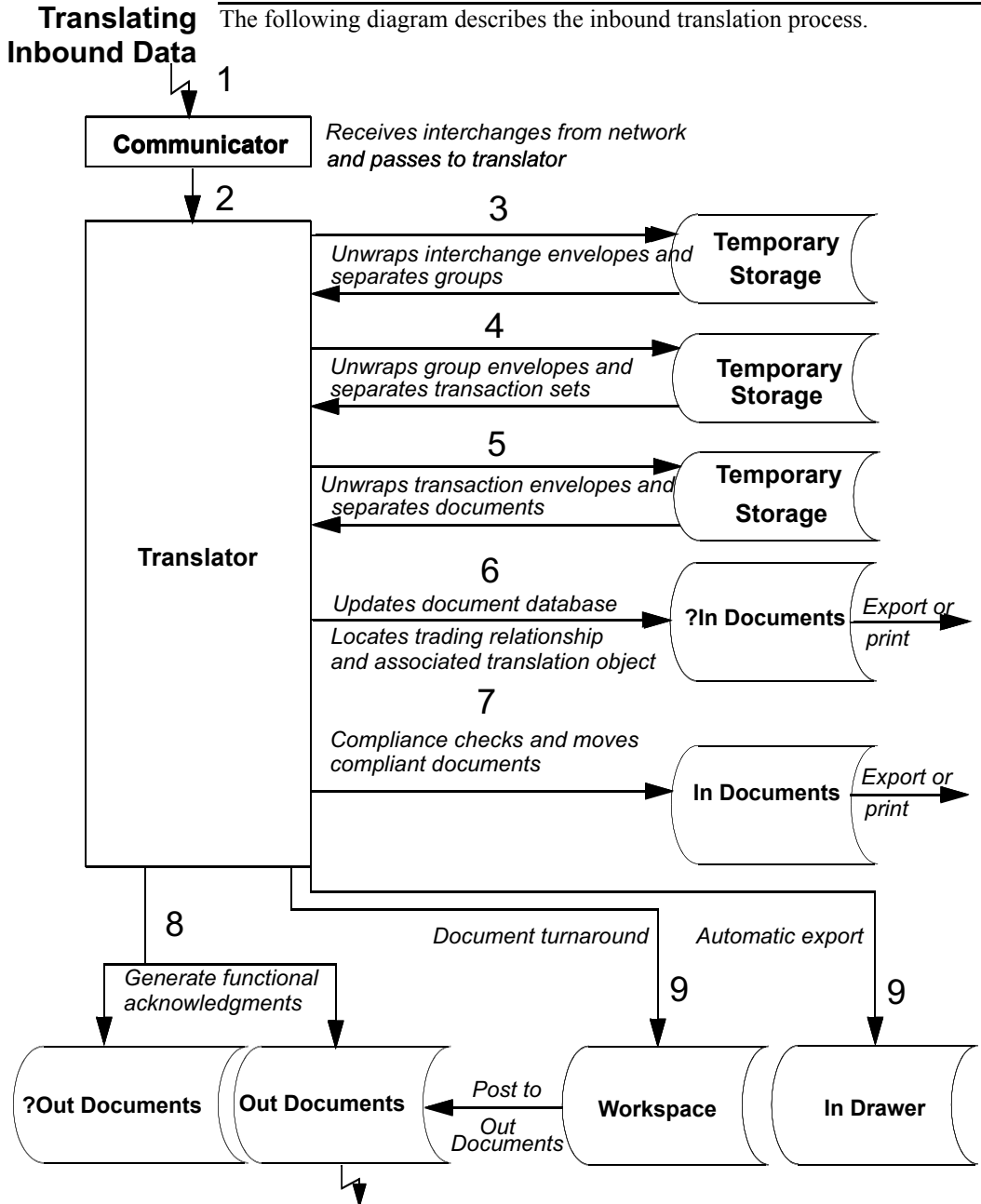
- Application Integration enables you to generate import, export, and document turnaround translation objects.
- Forms Integration enables you to generate screen entry and print translation objects.

You can access these components through EC Manager.

Note

You can also use the integration components to access EDI message standards from a CD-ROM or by copying them to your PC and creating translation objects.

GENTRAN:Director Data Translation Process



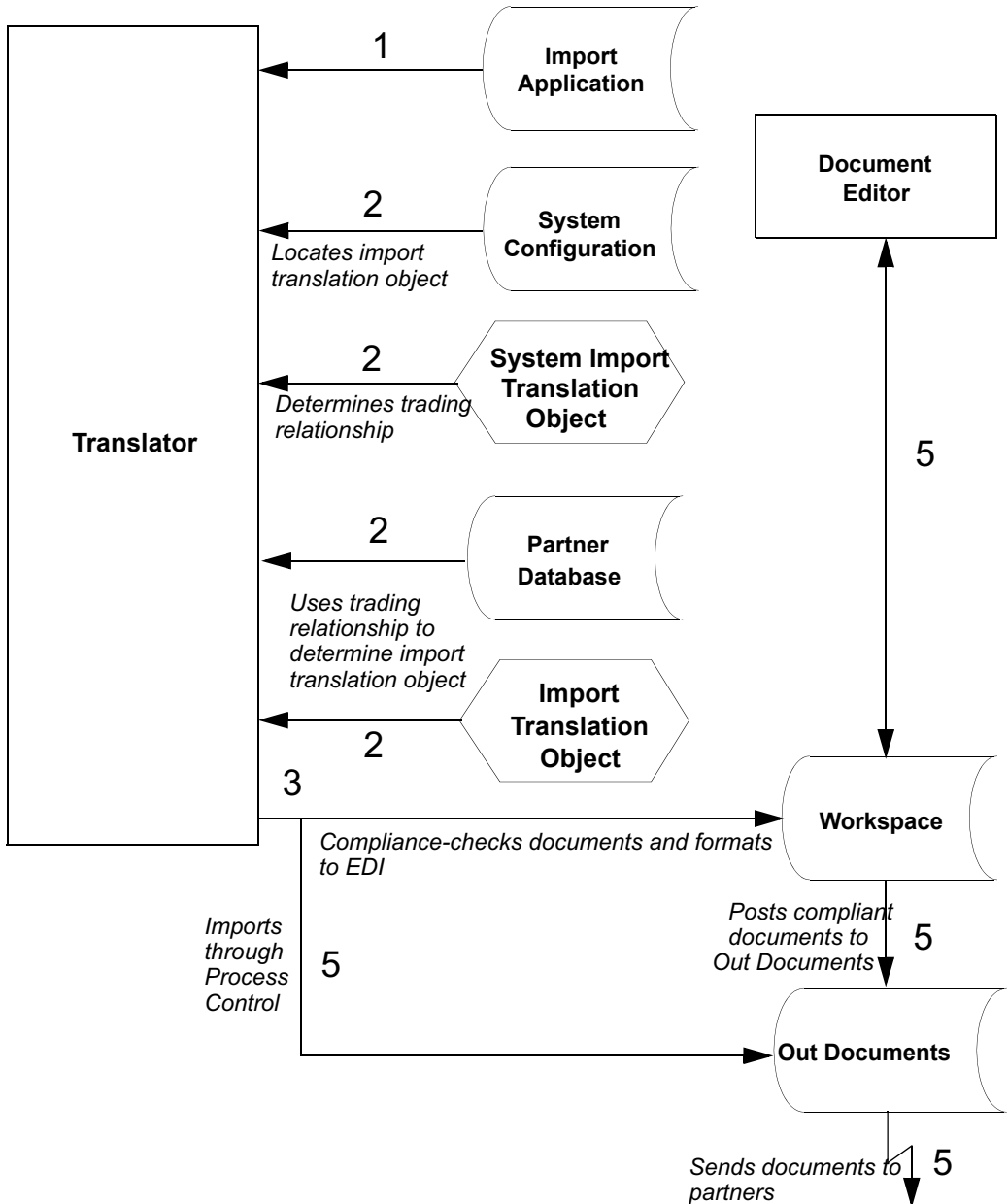
To translate inbound data:

1. The communicator receives interchanges from your trading partners through a network.
2. The communicator passes the interchanges to the translator.
3. The translator unwraps the interchange envelopes and separates each group into temporary storage
4. The translator unwraps the group envelopes and separates each transaction set into temporary storage.
5. The translator:
 - Unwraps the transaction envelopes
 - Separates each document into a separate file on the system data store
 - Writes a record with information about the document to the database
6. The translator searches for a trading relationship for each document.
 - If the translator locates a trading relationship for each document, the translator attempts to identify the export, document turnaround, or print translation object associated with that relationship. If the translator locates a trading relationship and a translation object, it uses that translation object to compliance check the document.
 - If the translator does not locate a trading relationship or a translation object, the document is marked as not compliant and is moved to ?In Documents.
7. The translator checks the document's compliancy.
 - If the document is compliant with the EDI standard, the translator changes the document status to compliant and moves the document to In Documents.
 - If the document is not compliant with the EDI standard, the document remains in ?In Documents. The translator writes a detailed error report to help you determine the problem.

8. If you specified to generate a functional acknowledgment for the document, the translator generates a functional acknowledgment. Compliant acknowledgments are moved to Out Documents. Noncompliant and erroneous acknowledgments are moved to ?Out Documents.
9. If you specified either automatic export or automatic turnaround in the trading relationship, the translator uses the specified export or document turnaround translation object to either export or generate the appropriate response document.

Translating Outbound Data

The following diagram describes the outbound translation process.



To translate outbound data:

1. You do one of the following to initiate outbound translation:
 - Import a file through Process Control using a timed or polled session. All valid documents are written to the database with a compliant status and are moved to Out Documents. Invalid documents are marked with a non-compliant status and moved in ?Out Documents.
 - Manually import an application file. Application files you import manually are located in the Workspace.

Note

If you import a file, the translator checks the import definitions from the system configuration to match the file name with a system import translation object.

- Use the Document Editor to enter documents, if there is an appropriate data entry translation object registered with GENTRAN:Director. These documents are located in the Workspace.
2. The translator determines which import map to use to process the document. To do so, the translator determines which trading relationship, established in Partner Editor, corresponds to each document in the application file.
 3. The translator compliance checks the document. If the document is compliant, it is marked **OK**. If the document is not compliant, it is marked **NotOK**.
 4. If there are more documents in the import file, the translator repeats steps 2 and 3 until all the documents are processed.
 5. If you manually import a file through EC Manager or use the Document Editor, post the compliant document to Out Documents.

Note: Once documents are in Out Documents, you can send them using Process Control or EC Manager.

About this Guide

Using this Guide

This Administrator's Guide provides information and instructions to help you set up and maintain GENTRAN:Director.

This Guide is intended for GENTRAN:Director administrators, who are responsible for:

- Implementing EDI
- Performing system maintenance and administration
- Configuring and using unattended processing

To use GENTRAN:Director[®] 5.3, you should have working knowledge of your PC and with Microsoft[®] Windows.

Using Online Help

Online Help is included with the GENTRAN:Director documentation set. The Help contains much of the procedural information that is included in this Administrator's Guide.

The Help is accessible from GENTRAN:Director 5.3. To access the Help:

From the toolbar, select **Help > Help Contents**. The Help Table of Contents displays.

If you have comments or suggestions about the Help, please send an e-mail to Documentation@stercomm.com.

Contacting Customer Support

GENTRAN:Director is supported by trained Customer Support representatives who are available to help you with product questions or concerns.

Contacting Customer Support

To contact Sterling Commerce Customer Support:

- Call 1.877.432.4300
- Send an e-mail message to customer_support@stercomm.com
- Visit Support on Demand at www.sterlingcommerce.com

To help Customer Support provide prompt service, do the following before you contact Customer Support:

- Attempt to recreate any problem that you encounter and record the exact sequence of events.
- Gather the following information:
 - **System configuration**, including information about the primary system controller and all machines experiencing problems, including the computer manufacturer and model number, Windows version, amount of memory, available disk space, and the network adapter type.
 - **Error messages**, including the exact wording of any error messages you received and what you were doing when the error occurred.
 - **Attempted solutions**, including any steps you took to resolve the problem and the outcomes.

In addition, if you have comments or suggestions about the GENTRAN:Director 5.3 documentation, including the user guides, installation guides, and online help, send an e-mail message to documentation@stercomm.com.

Controlling Your Processes

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Using Process Control

Introduction

Process Control enables you to automate or manually initiate your message processing.

With Process Control, you can build customized events or manually initiate GENTRAN:Director functions, including:

- Importing data from an application file
- Exporting data to an application file
- Sending and receiving data

In addition, you can initiate file and process management functions to integrate your system with GENTRAN:Director.

Process Control includes sessions and events.

- Sessions indicate what GENTRAN:Director should do. The session file contains the commands GENTRAN:Director follows to perform the specified task. For example, you create a send session to send data to a business partner. Sessions include commands and conditions. See *Command name* on page 2 - 8 and *Using Conditions* on page 2 - 9 for more information.
- Events indicate the date or day, time, and frequency of a session. For example, you create an event to run the send session on the last Friday of each month.

STOP

Verify that the Power Management or Power Options properties (located under Control Panel) are set properly, if your PC offers these settings. Ensure that your PC is not set to go into Standby, Hibernation, or to automatically turn off the hard disks. Note that the properties vary according to operating system, and some PCs may not support these options. See your PCs documentation for specific information. These settings turn off the hard disk, which inhibits your ability to schedule events.

Executing Process Control

Process Control can be executed automatically or manually. You can create a session file that contains commands with appropriate parameters, and then create an event to run the session or execute the session manually.

Alternately, you can create a session file by using a text editor (e.g., NOTEPAD) or by copying and modifying an existing session file. Process Control then executes the session file by running the UNATTEND.EXE program at the appropriate time.

To create a session file, do one of the following:

- Use Process Control to create a session file
- Use a text editor such as NOTEPAD
- Copy and modify another session file

Then, from a command line or the appropriate application, select the UNATTEND.EXE program with a parameter specifying the name of the session file. The session runs at the time specified in the associated event or whenever you decide to run it.

Using Sessions

Introduction

A session is a task you want GENTRAN:Director to perform, for example, importing or exporting files or sending and receiving files. Session information, including commands that indicate what tasks you want GENTRAN:Director to perform, is located in a session file.

To schedule when the session should be executed, associate an event with the session. An event is set up independently of a session so the session can be scheduled multiple times. See *Using Events* on page 2 - 16 for more information.

When you set up a session, you can configure and edit script commands. The script command specifies what GENTRAN:Director does during the session.

Each script command can have an associated condition. The condition is evaluated before the command is executed and can be used to control the process of the session. The two types of conditions are:

- Whether a specified file exists
- Whether a specified file exists in a specified location

If the specified condition is true, the command is executed. If the specified condition is false, the command is not executed and processing continues with the next command.

For example, you want to initiate a Send/Receive command only if there are documents in Out Documents. You can specify a condition specifying that a document must be in Out Documents to initiate a Send/Receive command. If Out Documents is empty, the next command will be initiated.

Searching for a Session File

When you manually execute Process Control, you can specify the session file's location. If you do not specify a path, the processor searches for the specified file name in the Unattend subfolder. The Unattend folder is defined in System Configuration.

Reference

See *Using System Configuration* for more information.

GENTRAN:Director uses the following criteria when searching for a session file:

- If you specify a session file name with an extension, the processor searches for the session file name.
- If you initiate Process Control with a session file name that does not include an extension, the processor searches for the session file name with an .SES extension.
- If you initiate Process Control without a session file name, Process Control terminates and writes an audit message to the GENTRAN:Director Audit Log.

Understanding the Contents of a Session File

A session file is an ASCII delimited file. An ASCII delimited file is a file where each record except the last one must end with a carriage return or line feed.

When you create a session file, include the necessary:

- Records
- Commands
- Command parameters
- Conditions
- Condition parameters
- Condition results

A session file contains the following types of records:

- Record 1 determines the signature version. See *Record 1: Signature Version Record* for more information.
- Record 2 determines the number of script commands. See *Record 2: Number of Script Commands Record* on page 2 - 7 for more information.
- Records 3 through *n* determine the script command. See *Record 3 - n: Script Command Records* on page 2 - 7 for more information.

**Record 1:
Signature
Version Record**

The first record in the session file is the Signature Version Record. The Signature Version Record determines if the file is a valid session file.

- If the session file was created automatically, the Signature Version Record is also created automatically. It determines the version of GENTRAN:Director that created the file.
- If the session file was created manually, the Signature Version Record must be added manually. It determines the version of GENTRAN:Director the session file is used for.

The version information is used if conversions are needed with subsequent releases of GENTRAN:Director.

Format

"Signature", "Version"

Example

"GDW-Session", "Version 5.0"

Note

Process Control validates the signature, then loads the specified version into a variable for future use.

Record 2: Number of Script Commands Record

The second record in the session file contains the number of script commands.

- If you use Process Control to automatically create the session file, the system counts the number of command records and creates the record.
- If you manually create the session file, count the total number of command records and add that number to this record.

Record 3 - *n*: Script Command Records

The third through *n* records in the session file are script commands. Each command consists of:

- Command name
- Command parameters
- Associated condition (optional)
- Condition parameter (optional)
- Condition result (optional)

Format

"Command Name","Command Parameter 1","Command Parameter 2","Command Parameter 3","Command Parameter 4","Command Parameter 5","Command Parameter 6","Condition","Condition Parameter","Condition Result"

- When you use Process Control to automatically create the session file, select commands you want to add to the script from the Select Script Command list on the Command Setup dialog.
- When you manually create the session file, verify that all commands, command parameters, conditions, condition parameters, and condition results are enclosed in double quotes ("").

Note

If a command parameter, condition, condition parameter, or condition result is not used, specify that option as "" in the session file.

Command name

The following table lists the command names and functions you can use when creating a session file:

Command	Function
GDW_Import	Performs the GENTRAN:Director Import function from a specified file.
GDW_Receive	Performs the GENTRAN:Director Receive Only function.
GDW_Send_Receive	Performs the GENTRAN:Director Send/Receive function.
GDW_Process_File	Invokes the post-communications process with any EDI file, just as if the file was received through a communication session.
GDW_Document_Purge	Removes document records from the GENTRAN:Director database according to the specified age or date, location, and status.
GDW_Export	Performs the GENTRAN:Director Export function
GDW_Print	Performs the GENTRAN:Director Print function.
File_Copy	Enables you to copy a file.
File_Rename	Enables you to change the name of a file.
File_Delete	Enables you to remove a file from the system.
Exec_Program	Enables you to indicate a program for the system to run.
Terminate_Script	Enables you to terminate the script and execute a program before the script is terminated, if desired.
GDW_Audit_Rpt	Copies the audit records to a specified file.
GDW_Audit_Purge	Deletes all of the audit records in the system and resets the AuditNextEntry value in the database tables to zero.
GDW_Document_Rpt	Creates a specified file that contains document data (as well as group and interchange data, if applicable) for documents in the GENTRAN:Director database according to the specified status, location, and age or date.
GDW_Partner_Import	Imports partner details from a specified file to the GENTRAN:Director partner database.
GDW_Partner_Export	Downloads a partner from the GENTRAN:Director partner database to a file.

Command	Function
GDW_Partner_Delete	Removes a specified partner profile from the GENTRAN:Director database.

For more information about commands, see *Process Control Commands* on page B - 1.

Using Command Parameters

The values for *Command Parameters 1 through 6* vary depending on the command name. See *Process Control Commands* on page B - 1 for more information.

Note

If a command parameter is not used, specify it as "" in the session file.

Using Conditions

Each script command can have an associated condition. A condition is evaluated before the command is executed and can be used to control the processing flow of your session.

Note

If you specify a condition, you must also specify a condition parameter and a condition result. See *Using Condition Parameters* on page 2 - 10 and *Using Condition Results* on page 2 - 10 for more information.

The following table describes conditions:

Condition	Definition
If File Below Exists	Specifies that the system look for the appropriate file and execute the command if the file is located.
If Docs Are In Location Below	Specifies that the system look for the appropriate file in the location you specify and execute the command based on whether or not the documents are located there.

Note

If a condition is not used, specify it as "" in the session file.

Using Condition Parameters

The condition parameter for the If File Below Exists condition is the name of the file the system must try to find. If a file name is specified without a path, the processor searches for that file name in the GENTRAN:Director installation folder.

The Condition Parameter for the If Docs Are In Location Below condition is a GENTRAN:Director location, for example, In Documents or ?Out Documents.

Note

You can also use a wild card (*) to specify the name of the file you want to locate.

Using Condition Results

If you use a condition, you must specify a condition result. See *Using Conditions* on page 2 - 9 for more information.

The following table describes condition results values:

Condition result	Definition
True	Indicates the command should be executed only if the specified file exists.
False	<p>Indicates the command should be executed only if the specified file does not exist. The command is skipped and processing continues with the next command.</p> <p>Examples</p> <ul style="list-style-type: none"> ■ You want to initiate a Send/Receive command only if there are documents in Out Documents. If Out Documents is empty, the next command will be initiated. ■ You want set up a notification program to let you know if a received document is routed to ?In Documents.

Sample Session File

Sample Session

File

```
"GDW_Session", "Version 2.0"
4
"GDW_Import", "remit.txt", "", "", "", "", "", "If File Below
Exists", "c:\gensrvnt\imports\remit.txt", "True"
"GDW_Send_Receive", "", "SendToPtr", "820", "", "", "", "If Docs Are In
Location Below", "Out Documents", "True"
"GDW_Export", "invoice.dat", "", "", "", "", "", "If Docs Are In Location
Below", "In Documents", "True"
"GDW_Document_Rpt", "c:\gensrvnt\docrpt.txt", "", "", "2", "", "", "", ""
```

Note

In this example, indented lines indicate a continuation of the previous record.

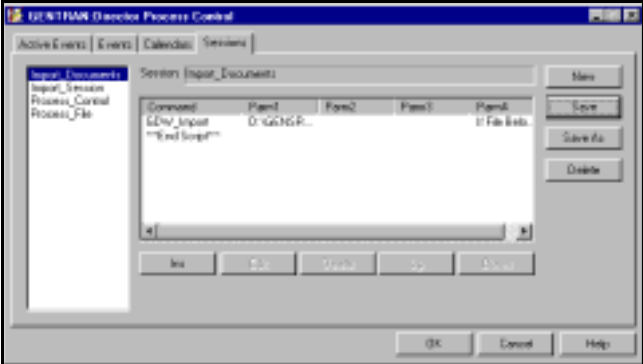
Creating, Editing, or Deleting a Session


Creating, Editing, or Deleting a Session

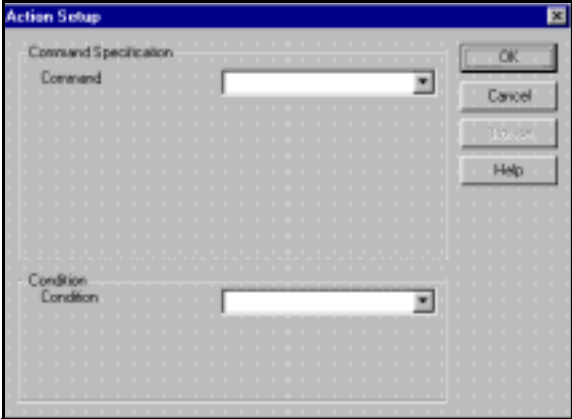
Note

To edit a session if its associated event is processing or is activated, edit the session and save it under another name, or suspend the event. See *Executing, Suspending, or Activating an Event* on page 2 - 20 for more information.

To create, edit, or delete a session:

Step	Action
1	<p>On the Desk, click the Process Control icon.</p> <p>System response The GENTRAN:Director Process Control dialog displays.</p>
2	<p>Click the Sessions tab.</p> 

(Cont.) Step	Action
3	<p>Do one of the following:</p> <ul style="list-style-type: none"> ■ To add a script: <ul style="list-style-type: none"> <input type="checkbox"/> Click New. <p>System response</p> <p>The New Session dialog displays.</p>  <input type="checkbox"/> In the Session Name box, type the new session name, using alphanumeric characters. <p>Note</p> <p>Dashes (-) are also allowed.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Click OK to add the new session. <input type="checkbox"/> Continue to step 4. <ul style="list-style-type: none"> ■ To edit a session: <ul style="list-style-type: none"> <input type="checkbox"/> From the Sessions tab, select the session you want to edit. <input type="checkbox"/> Click Edit. <input type="checkbox"/> Continue to step 4. ■ To delete a session: <ul style="list-style-type: none"> <input type="checkbox"/> Select the session you want to delete. <input type="checkbox"/> Click Delete to delete the selected session. <input type="checkbox"/> Click Yes to confirm the deletion. <input type="checkbox"/> Skip to step 12.

(Cont.) Step	Action
4	<p>Select the new session or the session you want to edit, then click Ins.</p> <p>System response The Action Setup dialog displays.</p> 
5	<p>From the Command list, select a command. See <i>Process Control Commands</i> on page B - 1 for more information.</p>
6	<p>Complete the fields as necessary.</p>
7	<p>To apply a condition to the command, select one of the following:</p> <ul style="list-style-type: none"> ■ If File Below Exists indicates the command should be executed if the file is found. You can use a wildcard (*) to specify the name of the file you want to look for. ■ If Docs Are In the Location Below indicates the command should be executed if the documents are found in the specified location.
8	<p>From the Result list, select one of the following:</p> <ul style="list-style-type: none"> ■ True indicates the command should be executed only if there are documents in the specified location or if the file is present. ■ False indicates the command should be executed only if there are no documents in the specified location or if the specified file does not exist.
9	<p>Click OK.</p> <p>System response The command is saved and the GENTRAN:Director Process Control dialog displays.</p>

(Cont.) Step	Action
10	Repeat steps 4 through 9 for each command you want to add to or edit for the session script. <ul style="list-style-type: none">■ To edit a command in a script, select the command and click Edit.■ To rearrange the commands in the script, select the command and click Up or Down.■ To delete a command from a script, select the command and click Delete.
11	Click Save to save the new or edited session script.
12	Click OK to close the GENTRAN:Director Process Control dialog.

Using Events

Introduction

Note

Before you create an event, you must define the session. See *Creating, Editing, or Deleting a Session* on page 2 - 11 for more information.

An event definition includes a session definition and the time the event should execute.

You can execute an event at a specified time every day, on certain days of the week, or on a certain date. In addition, you can specify days you do or do not want the session to run, including holidays or a certain day of the week.

CAUTION

Verify that the default settings on the Screen Saver tab of the Display Properties dialog are not set to **Standby** or **Delay**, if your PC offers these settings. These settings turn off the hard disk, which inhibits your ability to schedule events.

Creating, Editing, or Deleting an Event

Introduction

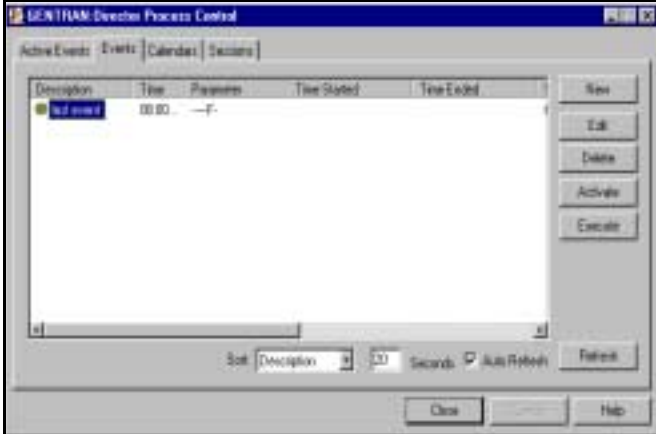
When you set up an event, you can specify a time, a calendar, or days of the week to run the event, or a date to run the event one time only. When it is time for the event to run, GENTRAN:Director initiates the processing of the event.


Creating, Editing, or Deleting an Event

Note

You cannot edit an event unless it is suspended. See *Executing, Suspending, or Activating an Event* on page 2 - 20 for more information.

To create, edit, or delete an event:

Step	Action
1	From the Desk, click the Process Control icon. System response The GENTRAN:Director Process Control dialog displays.
2	Click the Events tab. 

(Cont.) Step	Action
3	<p>Do one of the following:</p> <ul style="list-style-type: none"> ■ To create an event: <ul style="list-style-type: none"> <input type="checkbox"/> Click New. <input type="checkbox"/> Continue to step 4. ■ To edit an event: <ul style="list-style-type: none"> <input type="checkbox"/> Select the event you want to edit. <input type="checkbox"/> Click Edit. <input type="checkbox"/> Continue to step 4. <p>System response The Event Setup dialog displays.</p>  <ul style="list-style-type: none"> ■ To delete an event: <ul style="list-style-type: none"> <input type="checkbox"/> Select the event you want to delete. <input type="checkbox"/> Click Delete. <input type="checkbox"/> Click Yes to confirm the deletion. <input type="checkbox"/> Skip to step 12.
4	<p>In the Description box, type or edit the description of the event you are creating or editing.</p>

(Cont.) Step	Action
5	<p>From the Session list, select the session you want to execute with this event.</p> <p>Note To create an event, you must first create a session. See <i>Creating, Editing, or Deleting a Session</i> on page 2 - 11 for more information.</p>
6	<p>In the Time Start box, type a start time in 24-hour HH:MM format or 12-hour HH:MM a or p format.</p>
7	<p>In the Until box, type a stop time in 24-hour HH:MM format, 12-hour HH:MM a or p format, or 12-hour H:MM a or p format.</p>
8	<p>To execute the event at a specified interval, type the interval time, in minutes, in the Minutes box.</p> <p>Example If you specify 15 minutes, the event is executed every 15 minutes.</p>
9	<p>To use a predefined calendar, select the calendar from the Calendar list.</p> <p>Note When you select a predefined calendar and the days of the week you want the selected session to run on, you cannot specify a day in the Date box.</p> <p>Reference See <i>Creating, Editing, or Deleting a Calendar</i> on page 2 - 26.</p>
10	<p>To schedule the session to execute only on specific days, select the check box next to the appropriate day or days.</p> <p>Note If you schedule the session to execute only on specific days, you cannot specify a day in the Date box.</p>

(Cont.) Step	Action
11	<p>To specify that an event be executed only once and then be deleted, type the date you want the event to execute in the Date box and skip to step 12.</p> <p>Note If you type a date in the Date box, you cannot select days of the week.</p> <p>Format The format of the date you enter must correspond to the international options for Windows date formats. For example, in the United States, dates must be entered in MM/DD/YY format. In the United Kingdom, dates must be entered in DD/MM/YY format.</p>
12	<p>Click OK until all GENTRAN:Director dialogs close.</p> <p>System response The event is saved or deleted.</p>

Executing, Suspending, or Activating an Event

Introduction

Process Control enables you to execute, suspend, or activate an event. For example, you have a session scheduled to run at the end of the month. This month, you need to run the session in the middle of the month. Rather than reschedule the session, you execute it when you need to.

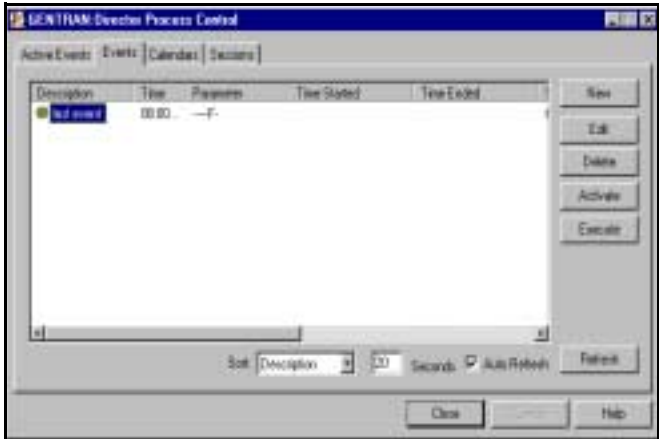
In another situation, you suspend an event to edit it. After you are finished editing the event, you activate the event so it will run at its designated time.

Executing, Suspending, or Activating an Event

Note

When a timed event is activated, GENTRAN:Director initiates the event at the specified day and time.

To execute, suspend, or activate an event:

Step	Action
1	From the Desk, click the Process Control icon. System response The GENTRAN:Director Process Control dialog displays.
2	Click the Events tab. 

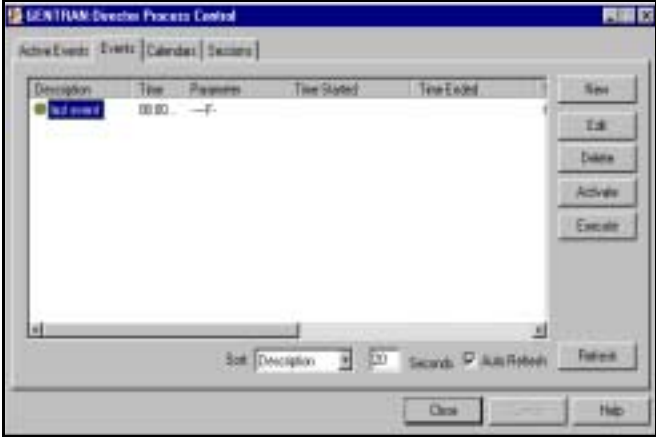
(Cont.) Step	Action
3	Do one of the following: <ul style="list-style-type: none"> ■ To execute an event, select the event and click Execute. ■ To suspend an event, select the activated event and click Suspend. <p style="text-align: center;">Note</p> <p style="text-align: center;">If an event is processing, you cannot suspend it until processing is complete.</p> <ul style="list-style-type: none"> ■ To activate a suspended event, select the suspended event and click Activate.
4	Click OK . System response The GENTRAN:Director Process Control dialog closes.

Viewing Event Information

Viewing All Events

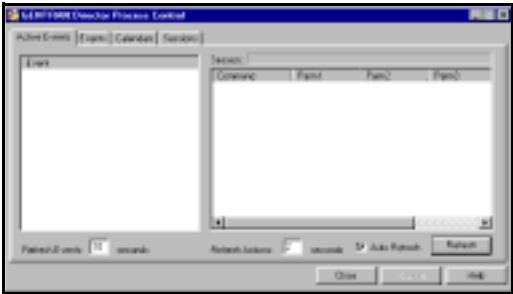
To view all events:

Step	Action
1	From the Desk, click the Process Control icon. System response The GENTRAN:Director Process Control dialog displays.

(Cont.) Step	Action
2	<p>Click the Events tab.</p> 
3	<p>Do one of the following:</p> <ul style="list-style-type: none"> ■ To sort the events in alphabetical order by event description, select Description from the Sort list. ■ To sort the events by status, select Status from the Sort list. Statuses are Processing, Activated, and Suspended and are indicated by red, green, and yellow indicators, respectively. Within each status group, the events are sorted in alphabetical order by event description.
4	<p>In the Seconds box, type the amount of time, in seconds, that should pass before the system refreshes the dialog. The default is 20 seconds; valid values are two to 300 seconds.</p> <p>Note You must select the Auto Refresh check box to activate the Seconds box. The Seconds value is saved when you click another box. To deactivate automatic refreshing, click the Auto Refresh check box again to deselect it.</p>
5	<p>Click OK.</p> <p>System response The GENTRAN:Director Process Control dialog closes.</p>

Viewing Active Events

To view active events:

Step	Action
1	<p>From the Desk, click the Process Control icon.</p> <p>System response The Active Events tab of the GENTRAN:Director Process Control dialog displays.</p> 
2	<p>From the Event list, select the event you want to view more information about.</p> <p>Note The Session list displays each command and its parameters in the session script for that event. A green arrow indicates the session command that is processing.</p>

(Cont.) Step	Action
3	<p>In the Seconds box, type the amount of time, in seconds, that should pass before the system refreshes the dialog. The default is 20 seconds; valid values are two to 300 seconds.</p> <p>Note</p> <p>You must select the Auto Refresh check box to activate the Seconds box. The Seconds value is saved when you click another box. To deactivate automatic refreshing, click the Auto Refresh check box again to deselect it.</p> <p>Defaults</p> <ul style="list-style-type: none">■ Automatic refresh = Enabled■ Event list refresh = Ten seconds■ Session refresh = Two seconds <p>Note</p> <p>If the Active Events tab was not refreshed after an event expired, the event displays on the Active Events tab until the Active Events tab is refreshed.</p>
4	<p>Click OK.</p> <p>System response</p> <p>The GENTRAN:Director Process Control dialog closes.</p>

Using Calendars

Introduction

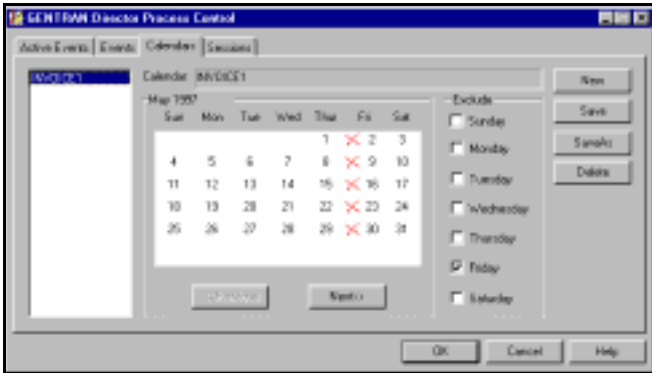
The Process Control Calendar feature enables you to exclude specific dates, holidays, or days from processing.


Calendars are defined independently from an event so they can be used multiple times. The calendar starts at the current month and year.

Creating, Editing, or Deleting a Calendar

Creating, Editing or Deleting a Calendar

To create, edit, or delete a calendar:

Step	Action
1	From the Desk, click the Process Control icon. System response The GENTRAN:Director Process Control dialog displays.
2	Click the Calendars tab. 

(Cont.) Step	Action
3	<p>Do one of the following:</p> <ul style="list-style-type: none">■ To create a calendar:<ul style="list-style-type: none"><input type="checkbox"/> Click New. <p>System response</p> <p>The New Calendar dialog displays.</p>  <ul style="list-style-type: none"><input type="checkbox"/> In the Calendar Name box, type the calendar name, using one to eight alphanumeric characters.<input type="checkbox"/> Click OK.<input type="checkbox"/> Continue to step 4. ■ To edit a calendar:<ul style="list-style-type: none"><input type="checkbox"/> Select the calendar you want to edit.<input type="checkbox"/> Continue to step 4. <p>System response</p> <p>The new or selected calendar displays in the middle of the Calendars tab.</p> <ul style="list-style-type: none">■ To delete a calendar:<ul style="list-style-type: none"><input type="checkbox"/> Select the calendar you want to delete.<input type="checkbox"/> Click Delete.<input type="checkbox"/> Click Yes to confirm the deletion.<input type="checkbox"/> Skip to step 6.

(Cont.) Step	Action
4	<p>Do one of the following, if necessary:</p> <ul style="list-style-type: none"> ■ To deactivate processing on a specified date, click the date on the calendar. <p style="text-align: center;">System Response</p> <p>A mark on the date on the calendar signifies that processing is deactivated.</p> <ul style="list-style-type: none"> ■ To deactivate processing on a specified day or days, click the Exclude check box that corresponds to the day or days you want to deactivate processing. If you deactivate processing every day of the week, processing does not occur. ■ To activate processing on a specified day, select the appropriate check box again to deselect it.
5	<p>Click SAVE.</p> <p>System response The calendar saves.</p>
6	<p>Click OK.</p> <p>System response The GENTRAN:Director Process Control dialog closes.</p>

Configuring GENTRAN:Director

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Using System Configuration

Introduction

System Configuration allows you to administer and maintain GENTRAN:Director.

Use GENTRAN:Director System Configuration to:

- Start and stop GENTRAN Director
- Set global audit parameters
- Update user information
- Modify the location of GENTRAN:Director folders
- Modify import specifications
- Modify splitter entries

Accessing System Configuration

To access System Configuration, you must be logged on to GENTRAN:Director and have system administration rights.

From the GENTRAN:Director Main Toolbar, select the System Configuration icon. The System Configuration Program opens.

Note

GENTRAN:Director does not support Universal Naming Convention (UNC) paths. To browse or select a file from a dialog, you must map to the drive where the file resides. See your system administrator for more information on how to map a drive.

Maintaining GENTRAN:Director

Introduction

GENTRAN:Director maintenance includes tasks such as:

- Starting GENTRAN:Director
 - Stopping GENTRAN:Director
 - Setting audit parameters
-

Starting and Stopping GENTRAN:Director

You can stop and start GENTRAN:Director at any time. For example, stop the system before upgrading GENTRAN:Director or upgrading the operating system on a machine that is running GENTRAN:Director.

You can stop GENTRAN:Director from any user interface client or controller that has System Configuration installed on it.

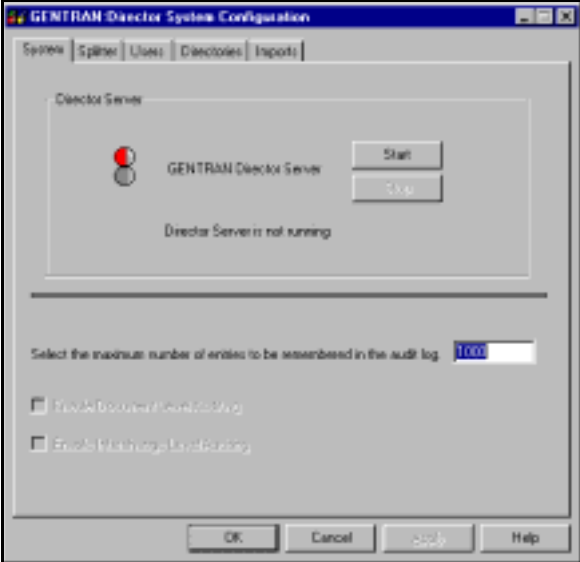
Note

You must have System Administrator privileges to access System Configuration.

Starting GENTRAN:Director

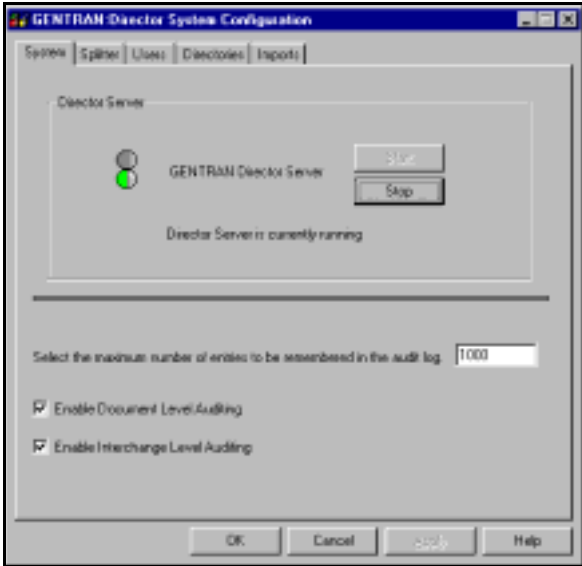
To start GENTRAN:Director:

Step	Action
1	From the GENTRAN:Director Main Toolbar, select the System Configuration icon. System response A message box indicates the system is not running.

(Cont.) Step	Action
2	<p>Click OK.</p> <p>System response</p> <p>The System Configuration dialog System tab displays.</p> 
3	Click Start .
4	Click OK to exit System Configuration.

Stopping GENTRAN: Director

To stop GENTRAN:Director:

Step	Action
1	<p>From the GENTRAN:Director Main Toolbar, select the System Configuration icon.</p> <p>System response The System Configuration dialog System tab displays.</p> 
2	Click Stop .
3	Click OK to exit System Configuration.

Setting Audit Parameters

Introduction

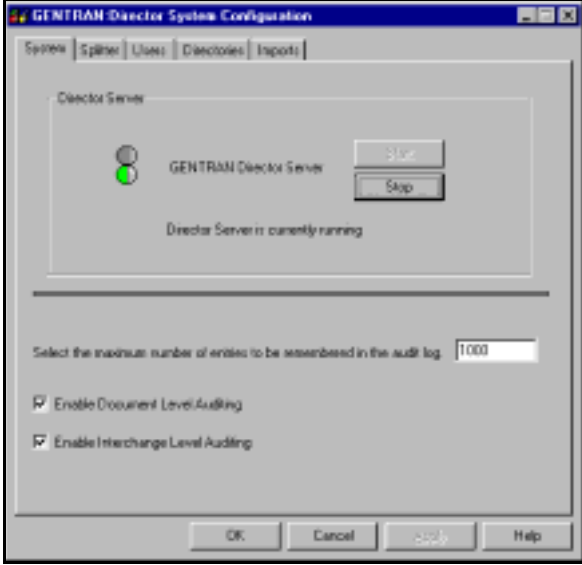
GENTRAN:Director Audit Log information is contained in audit database tables. When an audit table reaches the maximum number of audit records, the audit table starts over and overwrites the records at the beginning of the table.

You can specify the number of records allowed in the table before it is overwritten. You can also specify whether you want to audit on the document or interchange level.

For example, you want to retain more audit records of system events, not including document-level audit records. Change the maximum number of audit records to allow more records in the table before it is overwritten, and disable document-level auditing.

Setting Audit Parameters

To set audit parameters:

Step	Action
1	<p>From the GENTRAN:Director Main Toolbar, select the System Configuration icon.</p> <p>System response The System Configuration dialog System tab displays.</p> 
2	<p>In the Maximum audit entries box, type the maximum number of entries you want to allow in the GENTRAN:Director Audit Log.</p>
3	<p>Select the Enable Document Level Auditing and the Enable Interchange Level Auditing check boxes to enable or disable auditing, as necessary.</p>
4	<p>Click OK to exit System Configuration.</p>

Maintaining Users

Introduction

GENTRAN:Director user maintenance includes creating, editing, and deleting a user profile.

When you perform user maintenance, you are also maintaining security for GENTRAN:Director. You can control who can log on to your system and the functions the user can access, ensuring the integrity of your data.

Creating, Editing, or Deleting a User Profile

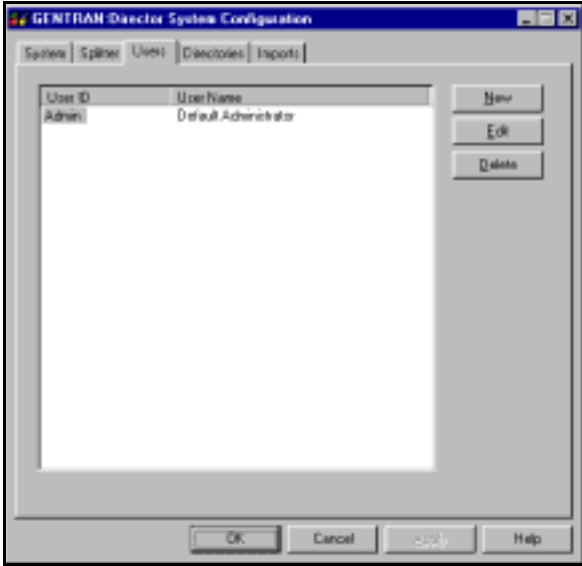
Introduction

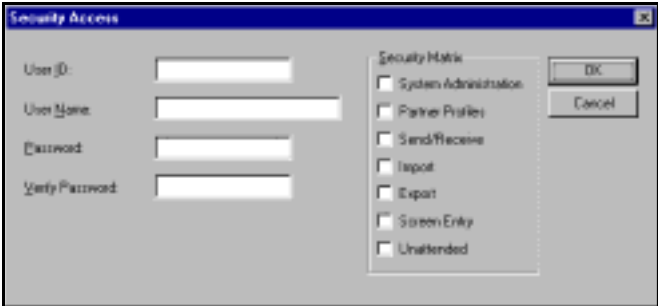
Before you can use GENTRAN:Director, you must add at least one user to the system. As more people want to use GENTRAN:Director, you can add them to the system.

Only an administrator can create, edit, or delete a user profile. Administrators can edit their own profiles. Users can edit their own passwords. See *Chapter 4, Maintaining GENTRAN:Director* for more information.

Creating, Editing, or Deleting a User Profile

To create, edit, or delete a user profile:

Step	Action
1	<p>From the GENTRAN:Director Main Toolbar, select the System Configuration icon.</p> <p>System response The System Configuration dialog System tab displays.</p>
2	<p>Click the Users tab.</p> <p>System response The Users tab displays.</p> 

(Cont.) Step	Action
3	<p>Do one of the following:</p> <ul style="list-style-type: none"> ■ To create a user profile: <ul style="list-style-type: none"> <input type="checkbox"/> Click New. <input type="checkbox"/> Continue to step 4. ■ To edit a user profile: <ul style="list-style-type: none"> <input type="checkbox"/> Select the name of the user whose security access you want to edit. <input type="checkbox"/> Click Edit. <input type="checkbox"/> Continue to step 4. <p>System response The Security Access dialog displays.</p>  <ul style="list-style-type: none"> ■ To delete a user profile: <ul style="list-style-type: none"> <input type="checkbox"/> Select the name of the user you want to delete. <input type="checkbox"/> Click Delete. <input type="checkbox"/> Skip to step 8.
4	In the User ID box, type a user ID.
5	In the User Name box, type a user name.
6	In the Password and Verify Password boxes, type the user's password.
7	From the Security Matrix section, select the features of GENTRAN:Director the user needs access to.

(Cont.) Step	Action
8	Click OK until you exit System Configuration.

Maintaining GENTRAN:Director Folders

Introduction

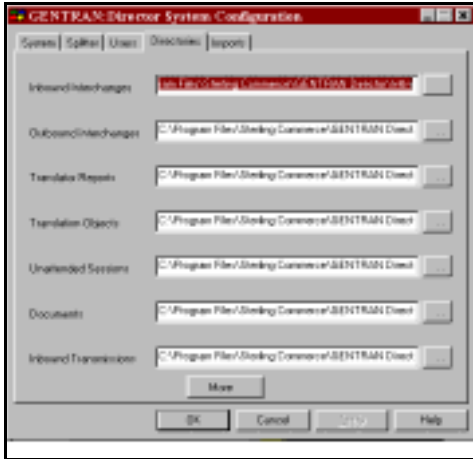
When you installed GENTRAN:Director, you specified folder locations for your GENTRAN:Director information. At times, you might need to change the location of your GENTRAN:Director folders.

Changing GENTRAN:Director Folder Locations

Changing GENTRAN: Director folder locations

To change GENTRAN:Director folder locations:

Step	Action
1	Select the System Configuration icon from the Main Toolbar. System response The System Configuration dialog System tab displays.

(Cont.) Step	Action
2	<p>Select the Directories tab.</p> <p>System response The Directories tab displays folder information.</p> 
3	<p>In the appropriate boxes, type the file path for each folder location you want to change. To browse to the path, click the “...” button to the right of the box.</p> <p>Note To access additional folders, click More.</p>
4	<p>Click OK to exit System Configuration.</p>

Maintaining Import Specifications

Introduction

To import files, you must maintain import specifications. An import specification is required for each type of import file, including each file location, file name, and file extension. The import specification indicates which import or system import translation object is used to begin translation during import.

Import specification maintenance includes:

- Creating an import specification
- Editing an import specification
- Reordering an import specification
- Deleting an import specification

To import a file, you must create an import specification for each file location, file name, and file extension you import.

If necessary, you can edit the file path or, if you defined more than one translation object for the same file path, you can reorder the list of import specifications.

For example, you defined more than one import specification for the same file path. Because the first specification in the list is used to determine which translation object to use, move up the appropriate import specification so the correct translation object is used.

In addition, you can delete an import specification when you no longer need it.

Note

If you list a file path of *.* , indicating all files in a file path, before other file specifications, all preceding file specifications are ignored.

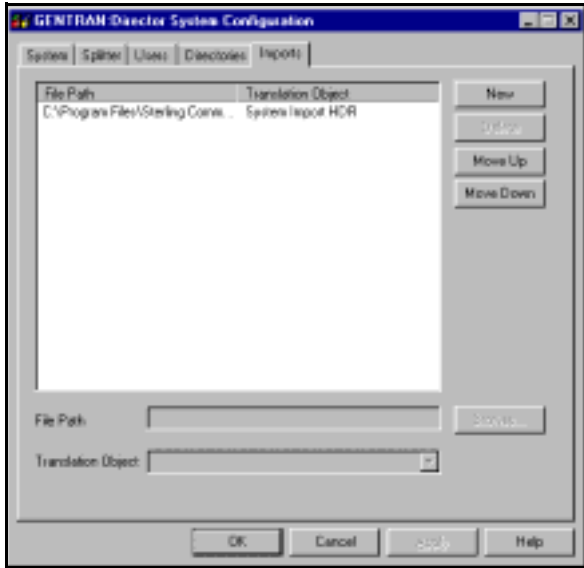
Reference

See the *Application Integration User's Guide* for more information on import and system import translation objects.

Creating, Editing, or Deleting an Import Specification

Creating, Editing, or Deleting an Import Specification

To create, edit, or delete an import specification:

Step	Action
1	<p>From the GENTRAN:Director Main Toolbar, select the System Configuration icon.</p> <p>System response The System Configuration dialog System tab displays.</p>
2	<p>Click the Imports tab.</p> <p>System response The Imports tab displays.</p> 

(Cont.) Step	Action
3	<p>Do one of the following:</p> <ul style="list-style-type: none"> ■ To create an import specification: <ul style="list-style-type: none"> <input type="checkbox"/> Click New. <input type="checkbox"/> Continue to step 4. ■ To edit an import specification: <ul style="list-style-type: none"> <input type="checkbox"/> From the File Path column, select the import specification you want to edit. <input type="checkbox"/> Continue to step 4. ■ To change the order of the import specifications: <ul style="list-style-type: none"> <input type="checkbox"/> From the File Path column, select the import specification you want to move. <input type="checkbox"/> Click Move Up or Move Down to move the import specification up or down in the list. <input type="checkbox"/> Skip to step 6. ■ To delete an import specification: <ul style="list-style-type: none"> <input type="checkbox"/> From the File Path column, select the import specification you want to delete. <input type="checkbox"/> Click Delete. The import specification is deleted without warning. <input type="checkbox"/> Skip to step 6.
4	<p>In the File Path box, type the file path and file type.</p> <p>Note You can type the file path and name of a file, or you can type the file path and use wild cards to specify all files with a particular extension. For example, *.txt.</p>
5	<p>From the Translation Object list, select the import or system import translation object that should be used to begin translation when the specified file type is imported.</p>
6	<p>Click OK to exit System Configuration.</p>

Maintaining Splitter Entries

Introduction

To split interchanges for data you receive, you must maintain splitter entries. A splitter entry contains parameters that identify and split interchanges for data you receive.

Splitter entries are based on the EDI or proprietary standard you use. For that reason, you might need to create, edit, or delete a splitter entry if you are implementing a proprietary standard or changing the implementation of an EDI standard.

In addition, you might need to reorder the splitter entries to break the interchanges correctly. GENTRAN:Director breaks interchanges based on the sequence of entries in the list on the Splitter tab.

For example, you defined the splitter entry for a UNB segment before you defined one for a UNA segment. GENTRAN:Director cannot process the segments in this order because the UNB segment is imbedded in the UNA segment. Reorder the list so the UNA segment displays before the UNB segment.

Warning

Default splitter entries are included with GENTRAN:Director. Do not edit or delete the default splitter entries.


Creating, Editing, or Deleting a Splitter Entry

Introduction

You need to define a new splitter entry if you are implementing a proprietary standard, or if you are changing the implementation of an EDI standard.

Creating, Editing, or Deleting a Splitter Entry

To create, edit, or delete a splitter entry:

Step	Action
1	<p>From the GENTRAN:Director Main Toolbar, select the System Configuration icon.</p> <p>System response The System Configuration dialog System tab displays.</p>
2	<p>Click the Splitter tab.</p> <p>System response The Splitter tab displays.</p> 

(Cont.) Step	Action
3	<p>Do one of the following:</p> <ul style="list-style-type: none">■ To create a splitter entry:<ul style="list-style-type: none"><input type="checkbox"/> Click New.<input type="checkbox"/> Continue to step 4.■ To edit a splitter entry:<ul style="list-style-type: none"><input type="checkbox"/> Select the splitter entry you want to edit.<input type="checkbox"/> Continue to step 4.■ To reorder a splitter entry:<ul style="list-style-type: none"><input type="checkbox"/> Select the splitter entry you want to reorder.<input type="checkbox"/> Click Move Up or Move Down to reorder the splitter entry.<input type="checkbox"/> Skip to step 9.■ To delete a splitter entry:<ul style="list-style-type: none"><input type="checkbox"/> Select the splitter entry you want to delete.<input type="checkbox"/> Click Delete to delete the splitter entry. The selected splitter entry is deleted without warning.<input type="checkbox"/> Skip to step 9.

(Cont.) Step	Action
4	<p>From the Type list, select the splitter entry type. Valid values are:</p> <ul style="list-style-type: none"> ■ Fixed indicates the splitter entry requires a defined set of delimiters in the EDI data. This is the default. ■ Fixed Position indicates the splitter entry requires delimiters at defined positions in the EDI data. GENTRAN:Director determines the delimiter from the position. ■ Variable indicates the splitter entry requires: <ul style="list-style-type: none"> <input type="checkbox"/> Interchange start and end segments <input type="checkbox"/> Element delimiter position <input type="checkbox"/> Number of elements in the start segment <input type="checkbox"/> Maximum length of the start segment <input type="checkbox"/> Maximum length of the last element in the start segment <input type="checkbox"/> Maximum length of the end segment <p>Note Other features of the Splitter tab are activated and deactivated based on the type you select.</p>
5	In the Start box, type the interchange start segment.
6	In the End box, type the interchange end segment.

(Cont.) Step	Action
7	<p>In the Translation Objects section, do the following:</p> <ul style="list-style-type: none">■ From the Interchange Break drop-down list, select the interchange break translation object used to break the interchange.■ From the Functional Group Break drop-down list, select the functional group break translation object used to break the functional groups in the interchange.■ From the Transaction Set Break drop-down list, select the transaction set break translation object used to break the transaction sets in the interchange.■ From the F/A Extraction drop-down list, select the functional acknowledgment break translation object used to extract interchange-level functional acknowledgments from the interchange.

(Cont.) Step	Action
8	<p>In the Delimiters section, do the following, according to the type you selected in step 4:</p> <ul style="list-style-type: none"> ■ In the Tag box: <ul style="list-style-type: none"> <input type="checkbox"/> If you selected Fixed, type the tag separator. <input type="checkbox"/> If you selected Fixed Position, type the position of the tag separator in the interchange. <input type="checkbox"/> If tag separators do not apply to the standard you are using, type 0 (zero). ■ In the Elem box: <ul style="list-style-type: none"> <input type="checkbox"/> If you selected Fixed, type the element separator. <input type="checkbox"/> If you selected Fixed Position, type the position of the first element separator in the interchange. <input type="checkbox"/> If you selected Variable, type the position of the first element delimiter in the interchange. <input type="checkbox"/> If element separators do not apply to the standard you are using, type 0 (zero). ■ In the Sub Elem box: <ul style="list-style-type: none"> <input type="checkbox"/> If you selected Fixed, type the subelement separator. <input type="checkbox"/> If you selected Fixed Position, type the position of the first subelement separator in the interchange. <input type="checkbox"/> If subelement separators do not apply to the standard you are using, type 0 (zero). ■ In the Seg box: <ul style="list-style-type: none"> <input type="checkbox"/> If you selected Fixed, type the segment terminator. <input type="checkbox"/> If you selected Fixed Position, type the position of the first segment terminator in the interchange. <input type="checkbox"/> If segment terminators do not apply to the standard you are using, type 0 (zero).

(Cont.) Step	Action
	<ul style="list-style-type: none">■ In the Rel Char box:<ul style="list-style-type: none">□ If you selected Fixed, type the release indicator.□ If you selected Fixed Position, type the position of the first release indicator in the interchange.□ If release indicators do not apply to the standard you are using, type 0 (zero).■ In the Dec Point box:<ul style="list-style-type: none">□ If you selected Fixed, type the decimal point notation.□ If you selected Fixed Position, type a comma or a period to indicate the decimal point in a numeric field.□ If decimal points do not apply to the standard you are using, type 0 (zero).
9	Click OK to exit System Configuration.

Maintaining GENTRAN:Director

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Backing Up and Restoring GENTRAN:Director	4-5

Maintaining GENTRAN:Director

Introduction

GENTRAN:Director maintenance tasks include maintaining security, maintaining log and other files, and backing up and restoring GENTRAN:Director.

Changing Your Password

Introduction

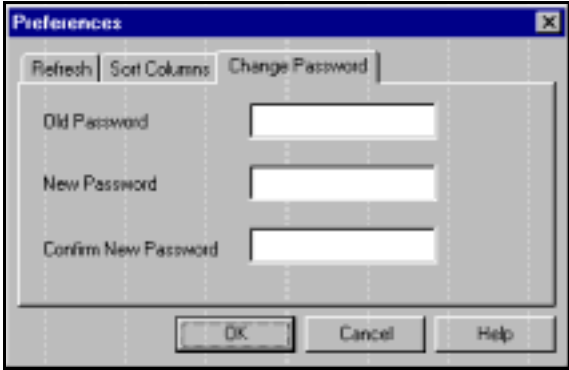
Passwords help you maintain system security and the integrity of your data by controlling who can log on and which functions they can access.

For additional security, it is a good idea to regularly change your password. You must know your password to change it. If you forgot your password, contact your system administrator.

Changing Your Password

To change your password:

Stage	Description
1	From the Tools menu, select Preferences. System response The Preferences dialog displays.

(Cont.) Stage	Description
2	<p>Select the Change Password tab.</p> <p>System response The Change Password tab displays.</p> 
3	In the Old Password field, type your old password.
4	In the New Password field, type your new password.
5	<p>In the Confirm New Password field, retype your new password.</p> <p>Note If the Confirm New Password does not match the New Password, you are prompted to type it again.</p>
6	Click OK .

Deleting Temporary Files

Deleting Temporary Files

To delete temporary files (*.TMP) from the Temp folder:

Step	Action
1	From the Tools menu, select Cleanup > Temp Files .
2	Click Yes to delete the temporary files. System response All temporary files are deleted from the Temp folder.

Purging the Audit Log

Purging the Audit Log

To purge the Audit Log:

Step	Action
1	From the Tools menu, select Cleanup > Audit Log .
2	Click Yes to purge the Audit Log records. System response All records are purged from the Audit Log.

Purging the Comm Log

Purging the Comm Log

To purge the Comm Log:

Step	Action
1	From the Tools menu, select Tools > Communications > Log .
2	Click Purge!
3	Select the age, in days, the communication session should be to be purged. For example, if you select thirty days, communication sessions older than thirty days are purged from the Comm Log.
4	Click OK . System response Records that meet the age criteria you selected are purged from the Comm Log. Warning Purging the Comm Log will also purge corresponding files in the TransIn folder.

Backing Up and Restoring GENTRAN:Director

Introduction

If you regularly back up GENTRAN:Director, you increase the chances of a successful recovery if a system failure occurs. The volatility of your data dictates how often you should perform backups.

If necessary, you can restore GENTRAN:Director from the most recent backup.

Before you back up or restore GENTRAN:Director:

- Suspend GENTRAN:Director processing. See *Executing, Suspending, or Activating an Event* on page 2 - 20 for more information.
- If you use backup software to perform your system backups, install it.
- If you use a tape drive to perform your system backups, have enough tapes available.

Backing up GENTRAN: Director

To back up GENTRAN:Director:

Step	Action
1	Use your usual backup method, such as a tape or a file copy, to copy the COMMERCE Connection32 folder.
2	Store the backup copy in a safe location.

Restoring GENTRAN: Director

To restore GENTRAN:Director:

Step	Action
1	Use your usual restore method, such as a tape or a file copy, to restore the COMMERCE Connection32 folder from the most recent system backup.
2	Reprocess any data generated or received after the most recent backup.

Program and Folder Descriptions

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Introduction

The System Information appendix contains program and folder descriptions for GENTRAN:Director.

Program and Folder Descriptions

Program Descriptions

The following table describes, in alphabetical order, GENTRAN:Director programs.

Program	Description
AUDIT.DLL	Audit Log
COMMPOST.EXE	Communications Post Processor
CONFIG.EXE	System Configuration
DirectorExecutive.EXE	GENTRAN:Director Executive
EDIMGR.EXE	GENTRAN:Director for Windows EC Manager
FORMS.EXE	Forms Integration subsystem
GENCOM.DLL	
GENCOM32.DLL	
GENCOMDV.EXE	Communication Driver
GENCOMSV.EXE	Communicator Queue
GENMSG.DLL	
GENSEC.DLL	
MAPPER.EXE	Application Integration subsystem
PARTNRED.EXE	Partner Editor
PROCCNTL.EXE	Process Control Setup
SENDFILE.EXE	Standalone Communications
TX32.EXE	Translator/Document Editor
UNATTEND.EXE	Process Control Execution
XPROCESS.EXE	Extra Processing Program for pre- and post-processing

Folder Descriptions

The following table describes, in alphabetical order, default GENTRAN:Director folders.

Folder	Contents
Bin	GENTRAN:Director program executables (binaries)
CommDB	GENTRAN:Director communication port definitions and profiles
Commscr	GENTRAN:Director communication script files
Commlogs	GENTRAN:Director communication log files
Database	GENTRAN:Director database structures
Documents	GENTRAN:Director documents
Exports	GENTRAN:Director export files
Forms	GENTRAN:Director forms integration source files
Imports	GENTRAN:Director import files
IntIn	Received interchanges
IntOut	Sent interchanges
IpcMsg	GENTRAN:Director temporary inter-process communication files
Maps	GENTRAN:Director application integration source files
Partners	GENTRAN:Director imported and exported partner profiles
RegTransObj	GENTRAN:Director registered translation objects
Temp	GENTRAN:Director temporary files
TranRpt	Translator reports. These reports are stored in binary format and should be printed using GENTRAN:Director only
TransIn	Files received during communications
TransObj	System translation objects
TransOut	Files to be sent

Folder	Contents
Tutorial	Files associated with Application and Forms Integration tutorials
Unattend	Process Control files

Process Control Commands

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Process Control Commands

Introduction

The Process Control Commands appendix includes the following information:

- Command descriptions, listed alphabetically by command name
- Parameters for each command
- Requirement specifications
- Valid entries for each parameter

The following table indicates how asterisks that appear before a command are used in this appendix.

Asterisk (*)	Meaning
*	Indicates the parameter is required.
**	Indicates the marked parameter is one of two parameter that are mutually exclusive.
***	Indicates the marked parameter is one of two parameters: one parameter is required; both can be used.

Parameters you do not use are written to the session file as "" (two double quotes).

Warning

If you manually create the session file, verify all commands, command parameters, conditions, condition parameters, and condition results are enclosed in quotes. If a command parameter, condition, condition parameter, or condition result is not used, specify it as "" (two double quotes) in the session file.

Exec_Program

Introduction

Use the Exec_Program command to:

- Run a specified program during the Process Control session.
- Specify command line arguments needed to execute the program. The session execution does not continue until the program completes.
- Integrate GENTRAN:Director with another application.

Example

You want to start another application to update your databases with exported data when an inbound session ends. The Exec_Program enables you to start the specified application when the session ends.

Command parameters

The following table lists the Exec_Program command parameters.

Number	Command Parameter	What to Type
*1	Execute Program	Type the name of the program you want to run and command line arguments that are required to run the program. "Program name and command line arguments"
2	Working Folder	Type the name of the working folder to use when the program executes. If you do not specify a working folder, the folder that is selected when the program executes is used. "Working folder name"
3		""
4		""
5		""
6		""

File_Copy

Introduction

Use the File_Copy command to copy an output file of your EDI data to your hard drive. The file you copy is connected to the file you copy it to. If you do not specify a file path for the file, the file is copied to the GENTRAN:Director installation folder.

Command Parameters

The following table lists the File_Copy command parameters.

Number	Command Parameter	What to Type
*1	Copy From File	Type the name of the file that you want to copy. "File name to be copied"
*2	Copy To File	Type the name of the file you want to copy the file to. "File name to be copied to"
3		""
4		""
5		""
6		""

File_Delete

Introduction

Use the File_Delete command to delete a file. If you do not specify a file path for the file, GENTRAN:Director searches for the file in the installation folder.

Command Parameters

The following table lists the File_Delete command parameters.

Number	Command Parameter	What to Type
*1	File To Delete	Type the name of the file that you want to delete. "File name"
2		""
3		""
4		""
5		""
6		""

File_Rename

Introduction

Use the File_Rename command to rename a file. If the name you choose already exists, the rename operation fails. If you do not specify a file path for the renamed file, GENTRAN:Director searches for the file in the installation folder.

Command Parameters

The following table lists the File_Rename command parameters.

Number	Command Parameter	What to Type
*1	Original File Name	Type the name of the file that you want to rename. "File name to rename"
*2	New File Name	Type the new name of the file. "New file name"

Number	Command Parameter	What to Type
3		""
4		""
5		""
6		""

GDW_Audit_Purge

Introduction

Use the GDW_Audit_Purge command to delete all audit records and reset the SystemAuditNextEntry value in the database tables program to zero. No applicable parameters exist for this command.

Command Parameters

The following table lists the GDW_Audit_Purge command parameters.

Number	Command Parameter	What to Type
1		""
2		""
3		""
4		""
5		""
6		""

GDW_Audit_Rpt

Introduction

Use the GDW_Audit_Rpt command to copy the designated number of audit records to a specified file. The records in the Audit Log are listed chronologically from newest to oldest. If you do not specify a file path, the file is placed in the GENTRAN:Director installation folder. If the specified file already exists, the new audit report data is appended to the existing file.

Using Command Parameter 2

Command parameter 2 (Number of Audit Records to Report) specifies the number of audit records to report. To use command parameter 2, use the following guidelines:

- If you specify a number of audit records in command parameter 2, the number of records copied to the file specified in command parameter 1 (Audit Report File Name) depends on the following:
 - If the number of records in the audit file is less than the number specified in command parameter 2, all the audit file records are copied to the specified file.
 - If the number of records in the audit file is more than the number specified in command parameter 2, only the specified number of records are copied to the file.
- If you do not specify command parameter 2, or it is set to zero, all records in the audit file are copied to the file specified in command parameter 1.

Note

The database contains an AuditMaxEntries value that specifies the number of audit records. If you specify more audit records for command parameter 2 than AuditMaxEntries allows, all audit file records are copied.

Command Parameters

The following table lists the GDW_Audit_Rpt command parameters.

Number	Command Parameter	What to Type
*1	Audit Report File Name	Type the name of the Audit Report File that is created. "Audit report file name"
2	Number of Audit Records to Report	Type the number of audit file records that you want to copy to the specified file. "Number"
3		""
4		""
5		""
6		""

GDW_Document_Purge

Introduction

Use the GDW_Document_Purge command to purge documents from the GENTRAN:Director database according to age, date, location, and status. If all the documents in a group or interchange are purged, group database records and interchange database record are also purged.

Parameters

Warning

The following parameters are not required. However, if you do not specify any parameters, all documents are deleted.

- If command parameter 1 (Document Location) is not used, the documents in all locations are purged.
- If command parameter 2 (Document Status) is not used, the documents are purged regardless of status.

- If command parameter 3 (Document Age or Date) is not used, the documents are purged regardless of age or date.
- If command parameter 3 is used, you can specify an age, in days, or a date.

Notes

- If you specify an age, all documents older than or equal to the specified number of days are purged. For example, Zero (0) indicates that all documents are purged, including today's documents. One (1) indicates that all documents except today's documents are purged.
- If you specify a date, all documents created on that day are purged. Dates are specified in YYYY/MM/DD format.

Command Parameters

The following table lists the GDW_Document_Purge command parameters.

Number	Command Parameter	What to Type
1	Document Location	Select the location of the document you want to purge. Valid values are: <ul style="list-style-type: none"> ■ "In Documents" ■ "?In Documents" ■ "Out Documents" ■ "?Out Documents" ■ "In Drawer" ■ "Out Drawer" ■ "Workspace" ■ "Queued" (Send Queue)

Number	Command Parameter	What to Type
2	Document Status	<p>Select the status of the document you want to purge. Valid values are:</p> <ul style="list-style-type: none"> ■ "DocQueued" ■ "Duplicate" ■ "FAPartial" indicates there were no acknowledgments expected for this document and the group or the interchange was partially acknowledged ■ "FAReceived" indicates the document was acknowledged by your partner and there were no errors ■ "FAReject" indicates the document was acknowledged and rejected by your partner because there were errors ■ "FAWErrors" indicates the document was acknowledged by your partner and accepted with errors ■ "Incomplete" ■ "NetDelivered" ■ "NetError" ■ "NetPickedUp" ■ "NetReceived" ■ "NetWarning" ■ "NotOK" ■ "OK" ■ "OverDue" ■ "Sent" ■ "Waiting"

Number	Command Parameter	What to Type
3	Document Age or Date	Type the date, in YYYY/MM/DD format, or age, in numerics, of the document you want to purge. For example, zero ("0") indicates that all documents are purged, including today's documents. One ("1") indicates that all documents except today's documents are purged. <ul style="list-style-type: none"> ■ "Age" ■ "Date"
4		""
5		""
6		""

GDW_Document_Rpt

Introduction

Use the GDW_Document_Rpt command to create a file that contains formatted document data, as well as group and interchange data for documents in the GENTRAN:Director database according to status, location, and age or date.

Note

If you do not specify a path, the Document Report File Name is placed in the GENTRAN:Director installation folder. If the file exists, the new document report data is appended to the existing file.

Using Command Parameter 2

If command parameter 2 (Document Location) is not used, the documents in all locations are used.

Using Command Parameter 3

If command parameter 3 (Document Status) is not used, all documents are used, regardless of status.

Using Command Parameter 4

If command parameter 4 is used, you can specify an age in number of days or a date.

- If you specify an age, all documents less than or equal to the specified number of days are used. For example, zero (**0**) indicates that documents from the current day are used. One (**1**) indicates that documents from the current day and the day before are used. Two (**2**) indicates that documents from the current day, the day before, and two days before are used.
- If you specify a date, all documents created on that day are used. Specify dates in YYYY/MM/DD format.

If command parameter 4 (Document Age or Date) is not used, all documents are used, regardless of age or date.

Note

If no documents match the specified parameters, the system does not create the document report file, and a message is written to the Audit Log.

Command Parameters

The following table lists the GDW_Document_Rpt command parameters.

Number	Command Parameter	What to Type
*1	Report File Name	Type the document report file name. "File Name"

Number	Command Parameter	What to Type
2	Document Location	<p>Select the location of the document you want to use. Valid values are:</p> <ul style="list-style-type: none">■ "In Documents"■ "?In Documents"■ "Out Documents"■ "?Out Documents"■ "In Drawer"■ "Out Drawer"■ "Workspace"■ "Queued" (Send Queue)

Number	Command Parameter	What to Type
3	Document Status	<p>Select the status of the document you want to use. Valid values are:</p> <ul style="list-style-type: none"> ■ "DocQueued" ■ "Duplicate" ■ "FAPartial" ■ "FAReceived" ■ "FAReject" ■ "FAWErrors" ■ "Incomplete" ■ "NetDelivered" ■ "NetError" ■ "NetPickedUp" ■ "NetReceived" ■ "NetWarning" ■ "NotOK" ■ "OK" ■ "OverDue" ■ "Sent" ■ "Waiting"
4	Document Age or Date	<p>Type the age, in numerics, or date, in YYYY/MM/DD format, of the document you want to use. For example, zero (0) indicates that documents from the current day are used. One (1) indicates that documents from the current day and the day before are used. Two (2) indicates that documents from the current day, the day before, and two days before are used.</p>
5		""
6		""

Document Report File

The GDW_Document_Rpt command formats a comma-delimited positional text file that contains the data from the requested EDI documents processed by GENTRAN:Director. The following formatting standards are used:

- Character fields are enclosed in double quotes ("**character_field**").
- Data fields that are not applicable for a designated processing stage are indicated on the report as two double quotes ("").
- Numeric fields that do not apply to a designated processing stage are indicated on the report as two commas (,,).

The document report record contains data organized into four categories: document, group, interchange, and tracking.

Note

An asterisk (*) in the Field Name column denotes a time field formatted in the number of seconds since 00:00:00 on January 1, 1970.

The following table describes the document report file layout.

Document Report File Layout			
Field Name	Type	Max Length	Values
DocumentKEY	numeric	10	
Direction	numeric	1	0 = Inbound 1 = Outbound
PartnerKEY	character	10	
DocumentName	character	20	
TransactionSetID	character	6	
FunctionalGroupID	character	6	
ControlNumber	character	18	

Document Report File Layout			
Field Name	Type	Max Length	Values
LocationStatus	numeric	1	0 = In Drawer 1 = Out Drawer 2 = In Documents 3 = ?In Documents 4 = Out Documents 5 = ?Out Documents 6 = Workspace 7 = Queued
ComplianceStatus	numeric	2	0 = Incomplete 1 = NonCompliant 2 = OK 3 = DocQueued 4 = Sent 5 = NetReceived 6 = NetDelivered 7 = FAReceived 8 = Waiting 9 = OverDue 10 = NetWarning 11 = NetError 12 = FAWErrors 13 = FAPartial 14 = FAReject 15 = NetPickedUp 16 = Duplicate
TimeCreated*	numeric	10	
Release	numeric	5	(TRADACOMS only)
TestModeChar	numeric	1	0 = Production 1 = Test
Agency	character	1	
InterchangeVersion	character	13	
GroupVersion	character	13	
DocumentVersion	character	13	

Document Report File Layout			
Field Name	Type	Max Length	Values
ReferenceData	character	10	
TranslationReportFile	character	13	
AppField1	character	40	
AppField2	character	40	
AppField3	character	40	
AppField4	character	40	
AppField5	character	40	
AppField6	character	40	
Restored	numeric	2	0 = Original 1 = Restored
DocumentBlobKEY	string	20	
NbrBytes	numeric	4	
NbrRecords	numeric	4	
ExpectOrGenerateAck	numeric	2	
AckHoursOverdue	numeric	2	
AckStatus	numeric	2	
GroupKEY	numeric	10	
PartnerKEY	character	10	
ControlNumber	character	18	
FunctionalGroupID	character	6	
ExpectOrGenerateAck	numeric	2	0 = Do not expect or generate acknowledgments 1 = Expect or generate acknowledgments
AckHoursOverdue	numeric	2	

Document Report File Layout			
Field Name	Type	Max Length	Values
AckStatus	numeric	2	0 = Not required 1 = Waiting 2 = OK 3 = Acknowledged with errors 4 = Partially acknowledged 5 = Rejected
AckTime	numeric	4	
AckTransactionSetID	character	6	
NoTransactionsAccepted	numeric	2	
NoTransactionsRejected	numeric	2	
NbrBytes	numeric	4	
NbrRecords	numeric	4	
InterchangeKEY	numeric	10	
PartnerKEY	character	10	
ControlNumber	character	18	
TimeCreated	numeric	4	
TimeSent	numeric	4	
ProcessedStatus	numeric	2	1 = Received 2 = Sent 3 = Ready to Send 4 = Queued 5 = Hold 6 = Overdue
TestMode	numeric	2	
ExpectOrGenerateAck	numeric	2	0 = Do not expect or generate acknowledgments 1 = Expect or generate acknowledgments

Document Report File Layout			
Field Name	Type	Max Length	Values
AckHoursOverdue	numeric	2	
AckStatus	numeric	2	0 = Not required 1 = Waiting 2 = OK 3 = Acknowledged with errors 4 = Partially acknowledged 5 = Rejected
AckTime	numeric	4	
NetworkStatus	numeric	2	0 = Not sent 1 = Received OK 2 = Network Warning 3 = Network Error 4 = Picked Up 5 = Transmitted to third-party network
NetworkTime	numeric	4	
NoGroupsAccepted	numeric	2	
NoGroupsRejected	numeric	2	
NoTransactionsAccepted	numeric	2	
NoTransactionsRejected	numeric	2	
Filename	character	255	
MessageId	numeric	4	
TranslationReportFile	character	255	
NbrBytes	numeric	4	
NbrRecords	numeric	4	

GDW_Export

Introduction

Use the GDW_Export command to export documents from In Documents. You can restrict the export to documents for a specified trading partner profile ID or documents of a specified type.

Note

The export function writes documents to the defined export file. If the export file exists prior to the export, the new export data is added to the existing file.

Location of files

If you do not specify a file name, the documents are written to the default export file, defined for the inbound relationship for the partner. If you do not specify a file path, documents are placed in the default Export folder specified in System Configuration.

Using Command Parameters

You can use command parameter 2 (Select Partner Profile ID) and command parameter 3 (Select Document Type) to restrict the exported documents.

Command Parameters

The following table lists the GDW_Export command parameters.

Number	Command Parameter	What to Type
1	Export To File	Type the name of the file you want to export to. If you do not specify a file name, the default export file specified in the trading partner relationship is used. "File name"
2	Select Partner Profile ID	Type a partner profile ID to restrict the action to documents for that partner only. "Partner profile ID"
3	Select Document Type	Type a document type, transaction set or message, to restrict the export to documents of that type only. "Document type"
4		""
5		""
6		""

GDW_Import

Introduction

Use the GDW_Import command to perform the GENTRAN:Director Import function. In Process Control, the GDW_Import command translates data from an application file to EDI. If you do not specify a file path, GENTRAN:Director searches for the file in the Imports folder defined in System Configuration.

Note

Compliant documents are placed in Out Documents, and non-compliant documents are placed in ?Out Documents. If you do not specify a full file path, documents are placed in the default Imports folder defined in System Configuration.

Command Parameters

The following table lists the GDW_Import command parameters.

Number	Command Parameter	What to Type
*1	Import From File	Type the name of the file you want to import. "File name"
2		""
3		""
4		""
5		""
6		""

GDW_Partner_Delete

Introduction

Use the GDW_Partner_Delete command to remove a partner profile from the GENTRAN:Director database.

Using Command Parameters

If the partner specified in command parameter 1 (Partner Key) exists, GENTRAN:Director deletes documents and interchanges associated with the partner, then deletes the partner.

If the partner specified in command parameter 1 does not exist, a message box displays. Processing is terminated and a message is written to the Audit Log.

When the partner is deleted, a message displays in the Audit Log.

Note

When you delete a partner, the documents and interchanges associated with that partner are also deleted.

Command Parameters

The following table lists the GDW_Partner_Delete command parameters.

Number	Command Parameter	What to Type
*1	Partner Key	Type the profile ID of the partner you want to delete. "Profile ID"
2		""
3		""
4		""
5		""
6		""

GDW_Partner_Export**Introduction**

Use the GDW_Partner_Export command to download data from a partner on the GENTRAN:Director partner database to a file. The GDW_Partner_Export command writes the partner profile to the defined export file. If the export file exists before the export, the file is overwritten.

Note

If you do not specify a file name, the partner profile ID is used with the file extension .PAR. If you specify a file name without a file path, the default Partner directory specified in System Configuration is used.

Using Command Parameters

If the partner profile ID specified in command parameter 1 (Partner Key) does not exist, a message displays. Processing is terminated and a message displays in the Audit Log.

Command Parameters

The following table lists the GDW_Partner_Export command parameters.

Number	Command Parameter	What to Type
*1	Partner Key	Type the profile ID of the partner you want to export. "Profile ID"
2	Export File Name	Type the name of the file you want the partner exported to. "File name"
3		""
4		""
5		""
6		""

GDW_Partner_Import

Introduction

Use the GDW_Partner_Import command to import partner details to the GENTRAN:Director partner database. This command also enables you to modify associated groups and interchanges for this partner and to indicate your company's sender ID and qualifier at the interchange levels and the application senders code and qualifier at the group level.

Note

If you specify a file name without a file path, the default Partner directory specified in System Configuration is used.

Using Command Parameters

Command parameters are used in the following manner:

- Command parameter 2 enables you to specify the Sender ID Qualifier at the interchange level.
- Command parameter 3 enables you to specify the Sender ID at the interchange level.
- Command parameter 4 enables you to specify the Application Senders Qualifier at the group level.
- Command parameter 5 enables you to specify the Application Senders Code at the group level.

GENTRAN:Director uses the following logic to override data from the partner import file, based on the EDI standard used and the level of the generic envelope (group or interchange):

- For a GS envelope, Field 2 = command parameter 5.
- For a UNG envelope, Field 3 = command parameter 4 and Field2 = command parameter 5.
- For a BG envelope, Field3 = command parameter 3.
- For an ICS envelope, Field5 = command parameter 2 and Field6 = command parameter 3.
- For an ISA envelope, Field5 = command parameter 2 and Field6 = command parameter 3.
- For a STX envelope, Field3 = command parameter 3.
- For a UNB envelope, Field4 = command parameter 2 and Field3 = command parameter 3.

The parameters you use depend on the EDI standard you use. For example, if you use the ANSI X12 standard, the group level does not contain an Application Senders Qualifier, so you would not specify command parameter 4.

Command Parameters

The following table lists the GDW_Partner_Import command parameters.

Number	Command Parameter	What to Type
*1	Partner Import File Name	Type the name of the file that you want to import. "File name"
2	Sender ID Qualifier/ Interchange	Type the sender ID qualifier for the interchange level. "Sender ID qualifier"
3	Sender ID Interchange	Type the sender ID for the interchange level. "Sender ID"
4	Application Senders Qualifier Group	Type the application senders qualifier for the group level. "Application senders qualifier"
5	Application Senders Code Group	Type the application senders code for the group level. "Application senders code"
6		""

GDW_Print

Introduction

Use the GDW_Print command to print documents from In Documents. You can print only documents for a specified trading partner or documents of a specified type.

Using Command Parameters

Command parameter 1 (Select Partner) and command parameter 2 (Select Document Type) can be used to print documents by partner and document type.

Note

If you do not specify command parameter 1 or command parameter 2, all documents in In Documents print.

Command Parameters

The following table lists the GDW_Print command parameters.

Number	Command Parameter	What to Type
1	Select Partner	Type the partner profile you want to print documents for. "Partner profile"
2	Select Document Type	Type the document type, transaction set or message, you want to print. "Document type"
3		""
4		""
5		""
6		""

GDW_Process_File

Introduction

Use the GDW_Process_File command to invoke the post-communications process with an EDI file, just as if the file was received during a communications session.

If you do not specify a complete file path for the file in command parameter 1 (File to Process), the default IntIn folder specified in System Configuration is used.

Note

If the file specified in command parameter 1 does not exist, GENTRAN:Director terminates processing and writes a message to the Audit Log.

Command Parameters

The following table lists the GDW_Process_File command parameters.

Number	Command Parameter	What to Type
*1	File To Process	Type the name of the file you want to process. "File name"
2		""
3		""
4		""
5		""
6		""

GDW_Receive

Introduction

Use the GDW_Receive command to establish a receive-only communications session with one or all of your defined connections.

Note

If you specify **<all>** in command parameter 1 (Mailbox), GENTRAN:Director initiates receive sessions for each mailbox.

Command Parameters

The following table lists the GDW_Receive command parameters.

Number	Command Parameter	What to Type
*1	Mailbox	Type the name of the mailbox you want to establish a receive-only communications session with, or type <all> to initiate receive-only communications sessions with all mailboxes. "Mailbox name" <all>
2		""
3		""
4		""
5		""
6		""

GDW_Send_Receive

Introduction

Use the GDW_Send_Receive command to establish a send-receive communications session with one or all of your defined connections. You can restrict the transmission by partner and document type.

Using with Auto-Send

If you set up an unattended GDW_Send_Receive command to work with a mailbox with auto-send enabled, the next command in the unattended session might start processing before inbound processing for the comm session completes.

If you set up an unattended GDW_Send_Receive command to work with a mailbox that does not have auto-send enabled, Communications Manager ensures all messages received from the communications process are processed before returning to the calling process. In this case, you can set up a session with a GDW_Send_Receive followed by an export.

Note

If you specify **<all>** in command parameter 1 (Mailbox), GENTRAN:Director initiates send/receive sessions for all mailboxes.

Using with File Copy

If you specify a mailbox in command parameter 1 that is a CopyFile type profile, or if you specify **<all>** in command parameter 1 and EDI data exists in Out Documents or Send Queue for a partner that has a CopyFile profile, GENTRAN:Director initiates only the send process for that file.

When the send process is executed for a CopyFile profile, the EDI data in Out Documents or Send Queue for that partner is copied to the specified file. For all other types of mailboxes, GENTRAN:Director sends the data for those partners from Out Documents or Send Queue to the specified connection and then receives any data available from that connection.

Note

Command parameter 1 (Mailbox) and command parameter 2 (Select Partner) are mutually exclusive; however, you must use one of the two parameters.

Command Parameters

The following table lists the GDW_Send_Receive command parameters.

Number	Command Parameter	What to Type
**1	Mailbox	Type the name of the mailbox you want to establish a send/receive communications session with, or type <all> to initiate send/receive communications sessions with all mailboxes. "Mailbox name" <all>
**2	Select Partner	Type a partner profile to send and receive documents for that partner only. "Partner profile"
3	Select Document Type	Type a document type, transaction set or message, to send and receive documents of that type only. "Document type"
4		""
5		""
6		""

Terminate_Script

Introduction

Use the Terminate_Script command to stop processing a session. This command stops execution if unexpected or undesired events occur during processing. This command might be used with a condition to determine whether the script should terminate.

You can also execute a program before termination and specify any parameters that are necessary for the program to execute. For example, the program could perform housekeeping, error handling, or notification procedures.

Command Parameters

The following table lists the Terminate_Script command parameters.

Number	Command Parameter	What to Type
1	Before Termination Run	Type the name of the program you want to run. If you need to specify any parameters that are necessary for program execution, type a space after the program name and then type the parameters. "Program name"
2	Working Directory	Specify the name of the working directory used to execute the program. The working directory is not mandatory. However, if you do not specify a working directory, the current directory is the default. This can cause unpredictable results in programs that use information in specific directory paths. "Working directory name"
3		""
4		""
5		""
6		""

Error Messages

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Understanding Error Messages

Introduction

The Error Messages appendix lists GENTRAN:Director error messages and how to resolve them.

GENTRAN:Director error messages are noted on:

- Document Translator Report
- Interchange Translator Report
- Audit Log
- Document Tracking
- Interchange Tracking

GENTRAN:Director generates the following types of error messages:

- **Translator Report Error Messages** occur if the error appears on a Document or Interchange Translator Report.
- **Audit and Tracking Error Messages** occur if the error appears on the Audit Log, Document Tracking, or Interchange Tracking.

Note

GENTRAN:Director also generates informational messages. Informational messages are related to a specific program and are intended to be self-explanatory. They are not discussed in this Guide.

Understanding Translator Report Error Messages

Introduction

The Document and Interchange Translator Report error messages are displayed on the Document Translator Report and the Interchange Translator Report under the Message Number and Message columns.

**Message Number
Column**

The Message Number column on the translator report contains a prefix (INF, EDI, or POS), a dash (“-”), and a four digit number that identifies the error. The prefixes are described in the following table.

Prefix	Description
INF	Used only with information messages, which are not defined in this chapter because they are intended to be self-explanatory.
EDI	Used with all the messages listed below that are not informational. It is used if the error is related to an EDI file.
POS	Used with all the messages listed below that are not informational. It is used if the error is related to a positional flat file.

Message Column

The Message column on the translator report contains the error message text.

Error Messages

The translator report error messages are listed below by the last three digits of the message number and the error message text.

100 Mandatory Element Missing

Description: An element that the translation object designated as Mandatory was not created in an outbound document or was not received in an inbound document.

User Action: Use the Segment/Record ID, Sequence, and Element fields on the Translator Report to determine which mandatory element in the document is missing.

Outbound

If the document was entered using the Document Editor, open the document and complete the missing field. If you imported the document, delete the document and import it after you correct the import file. See *Using Documents* for more information.

Inbound

Contact your trading partner.

110 Incorrect Element Format

Description: An element was entered or received with an incorrect format. Some examples of incorrect format are a numeric field that contains non-numeric characters, a field that exceeds the maximum length or is less than the minimum length, and invalid dates.

User Action: Use the Segment/Record ID, Sequence, and Element fields on the Translator Report to determine which element in the document is invalid.

Outbound

Correct the data source.

Inbound

Contact your trading partner.

120 Too Many Components in Composite

Description: A composite element in a document you received has too many component elements (sub-elements).

User Action: Use the Segment/Record ID, Sequence, and Element fields on the Translator Report to determine which element in the document is invalid.

Outbound

If the document was entered using the Document Editor, open the document and correct the invalid field. If you imported the document, delete the document, correct the data, and then import the document again. See *Using Documents* for more information.

Inbound

Contact your trading partner.

130 Invalid Conditional Relationship

Description: A conditional relationship in the document is not valid.

User Action: Use the translator report to determine where the error occurred.

Outbound

If the document was entered using the Document Editor, open the document and correct the conditional relationship. If you imported the document, delete the document and import it again. See *Using Documents* for more information.

Inbound

Contact your trading partner.

140 Implicit Rule Failure

Description: A validation rule set up against this field failed in the translator. Typically, this occurs when the Exclusive flag is set for a standard rule and the field value does not match the data table.

User Action: Check the data value you received against the valid data allowed for the field.

200 Mandatory Component Missing

Description: A component (sub-element) of a composite element that the translation object designated as Mandatory was not created in an outbound document or was not received in an inbound document.

User Action: Use the Segment/Record ID, Sequence, Element, and Composite fields on the Translator Report to determine which mandatory component in the document is missing.

Outbound

If the document was entered using the Document Editor, open the document and complete the missing field. If you imported the document, delete the document and import it again. See *Using Documents* for more information.

Inbound

Contact your trading partner.

210 Incorrect Component Format

Description: A component (sub-element) of a composite element that the translation object designated as Mandatory was entered or received with an incorrect format. Some examples of incorrect format are a numeric field that contains non-numeric characters and a field that exceeds the maximum length or is less than the minimum length.

User Action: Use the Segment/Record ID, Sequence, Element, and Composite fields on the Translator Report to determine which element in the document is invalid.

Outbound

If the document was entered using the Document Editor, open the document and correct the invalid field. If you imported the document, delete the document, correct the data, and import the document again. See *Using Documents* for more information.

Inbound

Contact your trading partner.

220 Component Delimiter

Description: A component delimiter was encountered instead of the expected element.

User Action: Contact your trading partner or the translation object creator.

300 Mandatory Segment

Description: A segment that the translation object designated as Mandatory was not created in an outbound document or was not received in an inbound document. This error can be generated in a variety of circumstances. The most common is that the input data sequence does not correspond to the data sequence defined in the translation object used to translate the data. If this is the case, the information provided with the message may indicate a segment in the data.

User Action: Use the Segment/Record ID field on the Translator Report to determine which mandatory segment in the document is missing.

Outbound

If the document was entered using the Document Editor, open the document and type data into the fields that are necessary to generate the segment. If you imported the document, delete the document, add the data that is necessary to generate the segment, and import the document again. See *Using Documents* for more information.

Inbound

Contact your trading partner.

310 Invalid Loop Start/End Structure

Description: An invalid Loop Start/Loop End was found in an inbound document.

User Action: Use the information in the Translator Report to determine which LS/LE pairing is invalid. Contact your trading partner.

315 Invalid Segment or Record Structure

Description: A segment in an EDI file or a record in a positional flat file in an inbound file did not match what the translation object expected.

User Action: View the information in the Translator Report and the raw EDI interchange to determine which segment or record is invalid. Contact your trading partner. See “Viewing Interchanges” in the *User’s Guide* for more information.

405 Unknown Partner

Description: An interchange was received but the system cannot determine which partner sent it.

User Action: View the information in the Translator Report and the raw EDI interchange to determine which partner sent you the interchange. If the partner is not listed on your system, create the partner and a relationship and attach the interchange to that partner. If the partner exists on your system, attach the interchange to the partner and then determine why the system did not identify the partner. See *Using Interchange* for more information.

410 Header/Trailer Control Numbers do not match

Description: The control numbers on the header and trailer do not match, as specified by the standard.

User Action: Check the raw EDI view to determine which control numbers are in the EDI file, then contact your trading partner. See “Viewing a Document” in the *User’s Guide* for more information.

415 Control Total Incorrect

Description: The EDI control total in the Segment Identified field of the Translator Report does not equal the value that was calculated by the Compliance Checker.

User Action: Check the raw EDI view to determine what the control total should be, then contact your trading partner. See “Viewing a Document” in the *User’s Guide* for more information.

420 Unknown Relationship

Description: A document was received but the Partner Profile for that partner does not include a corresponding inbound relationship.

User Action: View the Translator Report and the raw EDI interchange to determine which relationship the document requires and create that inbound relationship for the partner. See “Viewing Interchanges” and “Creating a New Inbound Relationship” in the *User’s Guide* for more information.

Understanding Audit and Tracking Error Messages

Introduction

The Audit and Tracking error messages display on the Audit Log, Document Tracking, and Interchange Tracking.

Reference

See “Viewing and Printing Document Tracking Information” and “Viewing and Printing the Audit Log Information” in the *User’s Guide* for more information.

Error Messages

The audit and tracking error messages are listed below by the four-digit message number and the error message text. Some errors include variable parameters. These parameters are indicated in brackets, for example, [filename].

1606 CommPost found error [network error] in interchange [interchange number] while reconciling 020 report

Description: The error in the interchange occurred while the system was reconciling the 020 network report.

User Action: Refer to your network documentation.

1607 CommPost found error [network error] in unknown interchange while reconciling 020 report

Description: The error occurred while the system was reconciling the 020 network report.

User Action: Refer to your network documentation.

1608 CommPost found warning [network error] in interchange [interchange number] while reconciling 020 report

Description: The warning in the interchange occurred while the system was reconciling the 020 network report.

User Action: Refer to your network documentation.

1609 CommPost found warning [network error] in unknown interchange while reconciling 020 report

Description: The warning occurred while the system was reconciling the 020 network report.

User Action: Refer to your network documentation.

1306 Session Failure - No Relationship - Standard [standard] Version [version] Trans [transaction set]

Description: The translation session failed because the system could not find a partner relationship for the document.

User Action: Create the appropriate partner relationship for that partner and translate the document again.

1305 Session Failure - Unidentified Partner - [partner ID]

Description: The translation session failed because the indicated partner relationship does not exist.

User Action: Create the appropriate partner relationship for that partner. See *Creating a New Partner Definition* in the *User's Guide* for more information.

1707 Translator: Invalid Translation Object File [filename]

Description: The indicated translation object file does not exist or the translation object entry is missing from the translation object database.

User Action: Obtain a valid translation object from Sterling Commerce and register the translation object with the system. See *Registering (Installing) a New Translation Object* in the *User's Guide* for more information.

1703 Translator: Relationship not found for partner: [partner ID], direction: [inbound/outbound], agency: [standard agency], version: [version]

Description: The translation session failed because the system could not find a partner relationship for the document.

User Action: Create the appropriate partner relationship for that partner and translate the document again. See *Creating a New Partner Definition* in the *User's Guide* for more information.

1708 Translator: Setup Failed

Description: The translation object file is corrupt or invalid.

User Action: Obtain a valid translation object from Sterling Commerce and register the translation object with the system. See *Registering (Installing) a New Translation Object* in the *User's Guide* for more information.

1704 Translator: Translation Object [filename] Not Found

Description: The system could not find the translation object file required to perform the necessary translation.

User Action: Register the specified translation object file again. See *Registering (Installing) a New Translation Object* in the *User's Guide* for more information.

1535 Unattended Processing - Import Failed for [import filename] - No Import file Spec in System Configuration

Description: The import file specified for GDW_Import did not have a corresponding translation object named in System Configuration.

User Action: Verify the correct import file was specified and the System Configuration Imports tab has a corresponding import translation object named.

1536 Unattended Processing - Import File [import filename] Not Found

Description: The user specified the name of a nonexistent file for the GDW_Import command.

User Action: Verify the correct import directory or file name is specified and that it exists as named. If the file to import is specified without a directory, verify the file exists in the Imports directory named in System Configuration.

1537 Unattended Processing - Create Program [program name] with parms [program parameters] failed with RC= [program return code] for Command [command name]

Description: If the command that is executed is Exec_Program or End_Script, examine the following list of return codes and take the appropriate action:

- 0 System was out of memory, executable file was corrupt, or reallocations were invalid
- 2 File was not found
- 3 Path was not found
- 5 Attempt was made to dynamically link to a task, or there was a sharing or network-protection error
- 6 Library required separate data segments for each task

- 8 There was insufficient memory to start the application
- 10 Windows version was incorrect
- 11 Executable file was invalid -- either it was not a Windows application or there was an error in the .EXE image
- 12 Application was designed for a different operating system
- 13 Application was designed for MS-DOS 4.0
- 14 Type of executable file was unknown
- 15 Attempt was made to load a read-mode application (developed for an earlier version of Windows)
- 16 Attempt was made to load a second instance of an executable file containing multiple data segments that were not marked read-only
- 19 Attempt was made to load a compressed executable file -- the file must be decompressed before it can be loaded
- 20 Dynamic-link library (DLL) file was invalid -- one of the DLLs required to run this application was corrupt
- 21 Application required Microsoft Windows 32-bit extensions
- 31 No association for the specified file type or not association for the specified action within the file type

User Action: If a different command is executed, copy the audit message and contact Sterling Commerce Customer Support.

- 1538 Unattended Processing - No data available for Command [command name]; Ptr: [partner]. Doc Type: [document type]**
Description: No data exists to export or print, or no data that matches the partner and document parameters specified exists to export or print.
User Action: Verify the partner and document parameters and compare to the documents in In Documents.
- 1539 Unattended Processing - Read lock failure on [database table] table. Unable to process Command [command name]**
Description: The command cannot process because it cannot obtain a readlock on the specified database.
User Action: Check what other processes are executing and contact Sterling Commerce Customer Support.
- 1540 Unattended Processing - Unable to create parm file [parameter filename] for Command [command name]**
Description: The application cannot create the parameter file that is necessary to pass to the program that processes the GDW_Print command.
User Action: Copy the audit message and contact Sterling Commerce Customer Support.
- 1541 Unattended Processing - Invalid Command [command name] bypassed**
Description: An invalid command was specified.
User Action: Use Unattended Setup to edit the session file being processed and correct the invalid command parameter.
- 1542 Unattended Processing - Command [command name] not processed: From File [filename] does not exist**
Description: You specified a From-File for File_Copy or File_Rename commands that does not exist.
User Action: Correct the From File Command parameter.
- 1543 Unattended Processing - Command [command name] not processed: error opening File [filename]**
Description: An error occurred while trying to open the From File or the To File on a File_Copy or File_Rename command.
User Action: Copy the audit message and contact Sterling Commerce Customer Support.

1544 Unattended Processing - Command [command name] not processed: lseek error on To File [filename]

Description: While processing a File_Copy command to append a From File to a To File, the program encountered an error trying to position the file pointer to the end of the To File to commence appending data.

User Action: Copy the audit message and contact Sterling Commerce Customer Support.

1545 Unattended Processing - Command [command name] not processed: File [filename] cannot be renamed to [filename] (file already exists)

Description: The user specified that a File_Rename command rename the From File to a To File that already exists. The File_Rename command only renames a file to a file that does not currently exist.

User Action: Delete the To File or specify a new To File name.

1546 Unattended Processing - Command [command name] not processed: error deleting file [filename]

Description: The program could not successfully delete the file specified as a parameter for the File_Delete command or could not successfully delete the From file for the File_Rename command.

User Action: Copy the audit message and contact Sterling Commerce Customer Support.

1547 Unattended Processing - Command [command name] for profile [profile name] not processed: no profile exists to receive

Description: For the GDW_Receive command, an invalid communication profile was specified.

User Action: Specify a valid communication profile in Parameter 1 or <all>.

1548 Unattended Processing - Command [command name] for profile [profile name] not started: bad return from SSCOMAPI

Description: While executing a communication receive process, Unattended Processing received a bad return code from its call to SSComAPI.

User Action: Copy the audit message and contact Sterling Commerce Customer Support.

1549 Unattended Processing - SComAPI returned zero sessions for Command [command name]

Description: While processing the GDW_Send_Receive command, Unattended Processing determined that there was an error in communication processing or there are no sessions to send or receive.

User Action: Check for messages issued from the communications process between Unattended Processing - Started Command GDW_Send_Receive and Unattended Processing - Completed Command GDW_Send_Receive. If communication error messages exist, copy the audit messages and call Sterling Commerce Customer Support. If there are no communication messages, the command was processed successfully, and the message is informational only.

1550 Unattended Processing - Program Ending: Session File [filename] not found

Description: Unattended Processing was started with the name of a session file that does not exist.

User Action: Use Unattended Setup to verify that the specified session file exists.

1551 Unattended Processing - Program Ending: No Session File passed on program start

Description: Unattended Processing was started without being passed the name of a session file to process.

User Action: Use Unattended Setup to correctly specify a session file and a calendar to run in unattended mode. See *Creating a New Unattended Session* and *Creating a New Calendar* in the *User's Guide* for more information.

1552 Unattended Processing - Program Ending: Invalid Signature-Version record: [session file]

Description: The signature-version record included in the session file that is being processed is invalid.

User Action: A correct signature-version record reads "GDW_Session," "Version 1.0". Use File Manager to edit the session file and correct the version record.

6501 CommMgr: Errors received from Mailbox during communications session

Description: An error was encountered during communications processing.

User Action: This is a general error message indicating that a failure of some type was encountered during the comm process. Examine the other audit messages to determine if the Communications Manager generated a specific message for this error. See the user action recommended for the specific audit message.

6503 CommMgr: Error connecting to gateway. Mailbox retcode = [code]

Description: An error was received from the gateway connect call.

User Action: Follow the actions recommended in the *Communications Guide* for the Mailbox return code displayed.

6506 CommMgr: Startup failed to open ODBC connection

Description: Comm Manager was unable to open a single ODBC connection to the GENTRAN:Director database when the GENTRAN Executive service was started on the primary GENTRAN system controller.

User Action: *erify the current number of connections to SQL Server do not use the maximum number of configured SQL Server User Connections. You might need to increase the number of User Connections. See your SQL Server documentation for more information. If that fails to solve the error, contact Sterling Commerce Customer Support.

6507 CommMgr: No ODBC connections available. Service aborted.

Description: Comm Manager was unable to open any ODBC connection to the GENTRAN:Director database when the GENTRAN Executive service was started on the primary GENTRAN system controller.

User Action: Do the following:

- Verify the ODBC system data source points to a valid SQL Server and database and SQL Server is running.
- Check the Event Log on the machine where SQL is installed to view any messages related to SQL Server errors. Verify the SQL Server is running.
- Verify the number of connections to SQL Server does not use the maximum number of configured SQL Server User Connections. You might need to increase the number of User Connections. See your SQL Server documentation for more information.
- If the above actions fail to solve the error, contact Sterling Commerce Customer Support.

6508 CommMgr: Startup error obtaining system information

Description: Comm Manager encountered an error during the RPC call to obtain the Mailbox server and the name of the notification mailbox.

User Action: Contact Sterling Commerce Customer Support.

6509 CommMgr: error [error]. Mailbox retcode = [return code]

Description: Comm Manager received an error return code from a call to the Mailbox RPC interface.

User Action: Follow the actions recommended in the *Communications Guide* for the Mailbox return code displayed.

6510 CommMgr: Error obtaining database connection in [thread]

Description: Comm Manager manages the database through various processing threads. A function needed access to the database, but was unable to obtain a database connection from the pool of database connections.

User Action: Do the following:

- Stop and restart the GENTRAN Executive service on the primary GENTRAN system controller.
- If this fails to resolve the error, contact Sterling Commerce Customer Support.

6515 CommMgr: Error extracting data from attachment for Message Id [message Id]

Description: An error occurred when Mailbox attempted to extract data from an attachment for the specified Message Id.

User Action: Do the following:

- Verify the message ID exists in the GENTRAN:Director Application InBox.
- Contact Sterling Commerce Customer Support.

6518 CommMgr: Error initiating inbound process for message [message Id]

Description: An error occurred when starting the GDW_Process_MBFile or GDW_Import session. The system may have started the process on the primary GENTRAN system controller if a communications process was initiated interactively from GENTRAN:Director, or on the controller the process control session that initiated communications was running on.

User Action: Do the following:

- Restart the GENTRAN Executive service on the primary GENTRAN system controller. Unread messages are reprocessed.
- If this does not solve the problem, contact Sterling Commerce Customer Support or manually reprocess the data in the message.

6519 CommMgr: Error - Invalid Mailbox: [mailbox] for Partner: [partner]

Description: The specified partner for the interchange does not have a valid mailbox.

User Action: Verify the specified partner is associated with a valid mailbox. See “Editing an Existing Partner” in the *User’s Guide* for more information.

6520 CommMgr: Error [error] creating thread in [thread]

Description: An error occurred when creating a thread.

User Action: Contact Sterling Commerce Customer Support.

6522 CommMgr: Error [error] opening file [file name]

Description: Comm Manager was unable to open the specified file name in the TRANSIN folder.

User Action: Do the following:

- Verify the ID the GENTRAN Executive service is running under has security access to the specified file.
- If security is set up correctly and an error still occurs, contact Sterling Commerce Customer Support.

6523 CommMgr: Error [error] writing to file [file name]

Description: Comm Manager was unable to write the attachment data from the message to the specified file name in the TRANSIN folder.

User Action: Do the following:

- Verify the ID the GENTRAN Executive service is running under has security access to the specified file.
 - Verify appropriate space exists to write the file.
 - If security is set up correctly, adequate space exists, and an error still occurs, contact Sterling Commerce Customer Support.
-

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