GENTRAN:Server® for UNIX®

Upgrade and Data Conversion Guide

Version 6.0

Sterling Commerce
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Table of Contents

ii

Procedures

About This Guide

Contents

Welcome

Welcome to the *GENTRAN:Server Upgrade and Data Conversion Guide* for Version 6.0.

In this guide

The *GENTRAN:Server Upgrade and Data Conversion Guide* describes the procedures for upgrading and converting GENTRAN:Server data to version 6.0.from these versions:

◗ GENTRAN:Server for UNIX, versions 5.3 or 5.4

◗ GENTRAN:Server Workstation, versions 5.3 or 5.4

◗ GENTRAN:Server for UNIX, versions 5.1-1 through 5.2-1

◗ GENTRAN:Server Workstation, version 5.1-1 through 5.2-1

The specific procedures covered are:

◗ Running the **allcnvrt** utility, which converts all the main types of GENTRAN:Server data through one program

◗ Converting your existing data files manually by running each of the separate programs that converts a specific type of data, such as Trading Partnership records or audit data.

Notes

To ensure correct results when converting data, you must know the product version you are currently using.

To convert from versions and products other than those listed, you may need assistance from Sterling Commerce Client Services.

Installing the GENTRAN:Server, Version 6.0 software

You must perform a complete installation of the GENTRAN:Server for UNIX, version 6.0 software in order to upgrade from previous versions.

Reference

See the *GENTRAN:Server Installation Guide* and the Installation Checklist for the product level you are installing for details.

Contents of chapters

In addition to this preface, the *GENTRAN:Server Upgrade and Data Conversion Guide* contains two chapters. This table describes the contents of each chapter.

Chapter	Contents
Upgrading to Version 6.0	Description of the upgrade process and a list of upgrade tasks for GENTRAN:Server for UNIX and GENTRAN:Server Workstation.
Converting Data with allcnvrt	Procedures for using the **allcnvrt** utility to convert data from a previous version to the GENTRAN:Server 6.0 version.
Converting Data with Individual Conversion Programs	Instructions for running each of the programs that convert a specific type of GENTRAN:Server data.
Appendix A - Prior Version Information	Information about changes to prior versions. This information is useful if you have a version of GENTRAN:Server prior to 5.1-1 or a version of GENTRAN:Mentor.

In this preface

This preface:

◗ Describes the set of GENTRAN:Server user's documentation

◗ Describes the contents of the chapters in this guide

◗ Lists the typographic conventions, symbols, and icons used in the documentation

◗ Explains how to get help.

Related Publications

GENTRAN:Server documentation

This table describes additional documentation for the GENTRAN:Server software.

Document	Description
Installation Checklist	Description of the recommended sequence in which you should install and configure system components.
GENTRAN:Server for UNIX Installation and Setup Guide	Instructions for installing the GENTRAN:Server software and performing setup tasks, such as setting up security.
GENTRAN:Server Workstation Installation Instructions	Instructions for installing the GENTRAN:Server Workstation software and performing setup tasks.
Getting Started Guide	Instructions for starting and exiting GENTRAN:Server and for setting preferences and default values. Also includes instructions for checking files in and out and saving files.
Application Integration User's Guide	Instructions for performing mapping and translation tasks.
Mapping and Translation Guide	Instructions for performing mapping and translation tasks using the GENTRAN:Server Visual Mapper. **Note** This guide is provided only if you maintain maps created with GENTRAN:Server version 5.3 or prior.
NCPCP User's Guide	Instructions for mapping and translating NCPDP files with the Application Integration system.
XML User's Guide	Instructions for mapping and translating XML files with the Application Integration system. **Note** This guide is provided only if your organization has the GENTRAN:Server XML translation option. (Continued on next page)

(Contd) Document	Description
ODBC User's Guide	Instructions for mapping and translating ODBC files with the Application Integration system. **Note** This guide is provided only if your organization has the GENTRAN:Server ODBC translation option.
GENCOD User's Guide	Instructions for mapping and translating GENCOD files with the Application Integration system and the Visual Mapper.
VDA User's Guide	Instructions for mapping and translating VDA files with the Application Integration system and the Visual Mapper.
Technical Reference Guide	Describes processes, lists command-line commands in alphabetical order, and describes file record layouts and data type formats.
Data Flow Administration Guide	User instructions for configuring data flows using the GENTRAN:Server for UNIX software. **Note** This guide is provided only if you have the GENTRAN:Server EC Workbench or higher product level.
Maintenance and Troubleshooting Guide	Instructions for maintaining your GENTRAN:Server installation. Also provides troubleshooting information to help determine the cause and solution of problems that may occur.
Online Help	Context-sensitive help screens describing the GENTRAN:Server dialog boxes for the mapping and translation features. Also includes procedures for using the mapping and translation and the data flow administration software.
Readme file	Information about recent enhancements included with this software release. This file is in the /*readme* directory on the Windows client computer.

Other documentation   This table lists other types of documentation you may need to refer to when converting your GENTRAN:Server data.

Description	Source
Instructions for using the operating system on your UNIX computer or Windows workstation	Documentation provided by your operating system vendor Documentation provided by the computer manufacturer
Information about one of the relational databases compatible with the GENTRAN:Server Life Cycle facility	The Informix, Oracle, or Sybase documentation provided with your database product
Instructions for using the vi text editor or another text editor	Documentation provided with the text editor

Documentation Conventions

Typographic conventions

This table describes the typographic conventions used in this guide.

Convention	Use
Italics	This typeface is used for titles of other manuals and documents, and for names of files and file extensions. **Example** GENTRAN:Server Mapping and Translation Guide
Bold	**Bold** type is used for ◗ Program names ◗ Key terms the first time they are used within a chapter ◗ Characters entered onto a screen. **Example** A **password** is a set of characters a user must enter to gain access to a system.
<Angle brackets>	Angle brackets indicate variable information, such as the name of a file that you created. **Example** <scriptname>.scr

Symbols used within syntax statements

This table describes symbols used within syntax statements.

Symbol	Use
< >	Substitute a value for any term that appears within angle brackets. Do not enter angle brackets unless specifically told to do so. **Example** **rm** <filename> means that you should type the name of the file you want to delete.
{ }	Braces indicate a required part of a statement. Do not enter the braces. **Example** {-f <filename>} means you must enter the f parameter followed by a filename.
[ ]	Brackets indicate an optional part of a statement. Do not enter the brackets. **Example** [-f <filename>] means you have the option of typing the f parameter followed by a filename.
…	An ellipse indicates that the immediately preceding item can be repeated indefinitely. Do not enter the ellipse. **Example** -e… means that you can repeat -e with other values.
( )	Parentheses should be entered as shown. They are part of the syntax of a statement and are not special symbols. **Example** (n) means that you should type a number enclosed by parentheses.

How to Get Help

Introduction

This topic explains how to contact Sterling Commerce Product Support if you need assistance with GENTRAN:Server.

Scope of Support Services

Sterling Commerce Product Support can provide assistance and information for the following:

◗ Installing GENTRAN:Server

◗ GENTRAN:Server product questions

◗ Software revisions and upgrades

◗ Implementing a specific feature

◗ How to use GENTRAN:Server

◗ The status of your support call

◗ Requests for product enhancements

Unfortunately, Sterling Commerce Product Support cannot assist you with problems involving the following, but we may be able to suggest a next step or another vendor to call:

◗ Your hardware

◗ Your operating system or other system software

◗ Your application or user-written programs

◗ Software not developed by Sterling Commerce

◗ Scripts written by Sterling Commerce consultants or service partners

Try this first

Before you call Sterling Commerce Product Support, use your online software manuals to locate the section that documents the program or feature where you are having problems. The documentation may explain the software's behavior or give you insight to help you solve the problem.

Consult the *GENTRAN:Server Maintenance and Troubleshooting Guide* to learn if your specific problem has been addressed.

Copy this page   Please feel free to make a copy of this page to enable you to contact support quickly and with complete information for the Customer Support Representative.

Necessary information   Be ready to provide this information when you call Product Support.

Your name
Your company name
Your telephone number
Your GENTRAN:Server version number
Your GENTRAN:Server product level and platform
Any software add-ons to your GENTRAN:Server system
A detailed description of the problem   (Continued on next page)

The sequence of steps that led to the problem
What actions you have taken to try to diagnose or resolve the problem

How to contact support
To determine how to contact support for your geographical location, go to the Sterling Commerce home page (**www.sterlingcommerce.com**) and then go to **Customer Support** for GENTRAN.

Upgrading to Version 6.0

Overview

Introduction

Introduction

This guide explains how to upgrade to GENTRAN:Server for UNIX Version 6.0 from these versions.

- ◗ 5.1-1
- ◗ 5.2
- ◗ 5.2-1
- ◗ 5.3
- ◗ 5.4

CAUTIONS

To ensure correct results, you must know the version you have installed.

Do not use the version 6.0 conversion programs to convert data from versions prior to 5.1-1.

Upgrade process

You upgrade Versions 5.1-1 through 5.4 by:

- ◗ Installing Version 6.0 in a new location
- ◗ Using the data conversion tools described in this guide to convert and move copies of your data files to the new installation. There are two ways to convert your data: You can use the **allcnvrt** utility to run all the conversion programs consecutively, or run individual conversion programs to convert specific types of data files.

WARNING

To avoid overwriting your existing data, do not install the new GENTRAN:Server software onto your existing GENTRAN:Server directory structure.

Upgrading from earlier versions

If you have a version of GENTRAN:Server prior to 5.1-1 or a version of GENTRAN:Mentor, contact a customer support representative or Sterling Commerce's' Client Services department for information about converting your data for use in GENTRAN:Server Version 6.0. You will need to do interim installations and data conversions.

Data types to convert

These are the types of data files you need to convert before you use them with GENTRAN:Server Version 6.0.

◗ Trading Partnership files

◗ Mapping and translation audit archive files

◗ Visual Mapper maps, application descriptions, and implementation guides

◗ Visual Mapper synonym and thesaurus lists

◗ Application Integration maps and file definitions

◗ Data Flow archive files

◗ Data Flow maintenance files

◗ Data Flow security files

◗ Advanced Data Distribution files

CAUTION

Once you convert your files, you will not be able to use them with older versions of GENTRAN:Server. The conversion programs do not move or delete original data files. Do not remove your original files. Leave them intact if you plan to continue running an older version of GENTRAN:Server.

Data you need to move manually

These are the files you need to copy and move manually to your new 6.0 installation:

◗ UNIX scripts and MS-DOS batch files

◗ Proprietary standards used with the Visual Mapper

The mappers   The 5.4 versions of GENTRAN:Server for Workstation and GENTRAN:Server for UNIX use the Application Integration mapper.

The 5.3 and prior versions of GENTRAN:Server for Workstation and GENTRAN:Server for UNIX use the Visual Mapper.

If you currently have a 5.3 or earlier version, your 6.0 software includes the Visual Mapper option. This option enables you to maintain and use your Visual Mapper maps as you transition to the Application Integration mapper.

EDI standards   The Visual Mapper and the Application Integration mapper use different storage structures for EDI standards. They are not compatible with one another. The Visual Mapper CD contains the standards file for the Visual Mapper. The Standards CD contains the standards file for the Application Integration mapper.

Upgrading GENTRAN:Server for UNIX

The GENTRAN:Server for UNIX Upgrade Procedure

Introduction   This topic describes the tasks in the upgrade process for GENTRAN:Server for UNIX.

Reference
See the section Upgrading GENTRAN:Server Workstation for information about upgrading GENTRAN:Server Workstation.

Stage table   This table describes the procedure for upgrading GENTRAN:Server for UNIX. The table refers you to detailed instructions for completing each step.

Step	Action
1	Complete the preparation tasks. **Reference** See the Preparing to Upgrade topic.
2	Are you installing GENTRAN:Server version 6.0 on the host that has your current installation? ◗ If YES, complete Steps 3 and 4. ◗ If NO, go to Step 5. (Continued on next page)

(Contd) Step	Action
3	Stop the GENTRAN:Server processes for the installation you want to upgrade on the UNIX host. Wait until any queued processes are finished and then stop, in routing order, the data managers and any other processes running in your current GENTRAN:Server installation. **References** See the <u>How to Stop Server Processes</u> topic. **CAUTION** **This procedure stop processes in all environments that the ltb_server process controls. This may include environments that you are not upgrading at this time.** **Perform this procedure only when it is safe to stop all environments under ltb_server's control.**
4	Back up the current UNIX host installation. Be sure to include these items in your backup: ◗ All the directories for the Security installation. ◗ All the directories for the GENTRAN:Server host environment to be upgraded. ◗ All the directories for any other environments you stopped. ◗ The UNIX *.profile* or *.login* for the owner of the security installation. ◗ The UNIX *.profile* or *.login* for the owner of the host environment. ◗ Hidden files in all of the directories you back up. **Reference** Refer to your company's backup procedures or to your UNIX manuals for instructions.
5	Install GENTRAN:Server for UNIX 6.0 into a new directory on the UNIX host. **WARNING** **To avoid overwriting your existing data, do not install the new GENTRAN:Server software onto your existing GENTRAN:Server directory structure.** *(Continued on next page)*

(Contd) Step	Action
6	Define all of your environments. **Reference** See How to Add a New Environment Record in the *GENTRAN:Server Installation and Setup Guide*.
7	Select the optimum time to convert your data. Choose a time when you can stop GENTRAN:Server processes with little or no disruption to your production processes.
8	If you plan to move your translation audit data, purge and compress the data. **Reference** See the Archiving Translation Data chapter in the *GENTRAN:Server Application Integration User's Guide* for instructions.
9	Wait until any queued processes are finished and then stop, in routing order, the data managers and any other processes running in your current GENTRAN:Server installation. **Reference** See the How to Stop Data Managers with stopserver.sh topic in the Monitoring Processes chapter of the *GENTRAN:Server Data Flow Administration Guide*.
10	Did you stop the GENTRAN:Server processes in Step 3? ◗ If YES, restart the GENTRAN:Server processes and then continue with the next step. ◗ If NO, continue with the next step.
11	Install the GENTRAN:Server for UNIX client software. **Reference** See the *GENTRAN:Server for UNIX Installation and Setup Guide* for instructions.
12	Convert your data. **Reference** See the chapter Converting Data with allcnvrt to run all conversion programs consecutively with one command. See the chapter Converting Data with Individual Conversion Programs to run the conversion programs separately

Preparing to Upgrade

Introduction   You need to perform certain tasks before you can upgrade GENTRAN:Server for UNIX to Version 6.0.

Before you begin Use this table as a checklist to prepare for upgrading your GENTRAN:Server for UNIX installation to Version 6.0.

Done	Item
❑	Make sure that you have received: ◗ An *Installation Checklist*. ◗ An *Installation and Setup Guide*. ◗ The version 6.0 host software compact disk. ◗ The version 6.0 client software compact disk. ◗ The version 6.0 online documentation compact disk. ◗ Any optional software that you want to upgrade or install at this time.
❑	Complete the *Installation checklist*. ◗ Collect all of the information requested in the *Installation Checklist*. ◗ Keep the checklist with you as you perform the upgrade procedures.
❑	Review your current installations. Be sure that you know the product levels and versions you are currently running.
❑	Document the environment structure for each installation.
❑	Review and understand your current security administration information.
❑	Gather your client licensing information.

How to Stop Server Processes

Introduction   This procedure stops:

◗   The namebroker process (**ltb_server**) that controls the host you are working on or upgrading.

◗   All **mhs_server** and **mhp_server** processes running under that **ltb_server** process.

Procedure   Use this procedure to stop GENTRAN:Server processes.

Step	Action
1	Log on to the UNIX machine as the owner of the security environment that controls the host environment you are upgrading.
2	Start the Security Administration utility. **Reference** See the *GENTRAN:Server Installation and Setup Guide* for instructions.
3	Verify that all clients are logged out. **Reference** See the Client Administration chapter in the *GENTRAN:Server System Maintenance and Troubleshooting Guide*.
4	Locate and write down the licenses assigned to the client computers.You will need this information when you upgrade the client computers. **References** See the Client Administration chapter in the *GENTRAN:Server System Maintenance and Troubleshooting Guide*. See the Client Descriptions appendix in the *GENTRAN:Server Installation and Setup Guide* to record client serial numbers, IP addresses, and descriptions of the client PCs in your organization.
5	Exit the Security Administration utility.
6	Log on to the host as the owner of the environment you are upgrading or of another host environment controlled by the same namebroker process. *(Continued on next page)*

(Contd) Step	Action
7	Are you upgrading GENTRAN:Server with Process Control Manager or higher? ◗　If NO continue with step 8. ◗　If YES, stop the environment's data managers in routing sequence to avoid incompletely processed data. **Reference** See the *GENTRAN:Server Data Flow Administration Guide* for instructions.
8	Stop any GENTRAN:Server scripts or **cron** jobs that are running in the host environment. **Reference** See the *GENTRAN:Server Data Flow Administration Guide* for more information on this subject.
9	Are you are at the directory that contains the program files for the host environment? ◗　If YES, continue with Step 10. ◗　If NO, change directories using the following command. cd $EDI_ROOT/bin
10	Enter the following command to check whether instances of the **mhs_server** or **mhp_server** processes are running for the host environment. stoprpcs.sh **System Response** The system lists the value for the SADMIN_ROOT environment variable for the UNIX user *.login* or *.profile* you are currently using, and prompts you for whether the value is correct.
11	Is SADMIN_ROOT set correctly? ◗　If YES, enter **Y** or **y**, and then press ENTER. ◗　If NO, enter **N** or **n**, press ENTER, then enter the correct value. **System Response** The system lists the value for the NAMEBROKER environment variable and prompts you for whether the value is correct. (Continued on next page)

(Contd) Step	Action
12	Is NAMEBROKER set correctly? ◗ If YES, enter **Y** or **y**, and then press ENTER. ◗ If NO, enter **N** or **n**, press ENTER, then enter the correct value. **System Response** The system lists the name of each environment that is currently running, and prompts you to identify an environment to halt.
13	Is the environment you are logged in to shown in the list? ◗ If NO, then press CTRL+C to exit the script. ◗ If YES, enter the name of the environment to stop. **System Response** If you entered an environment name, then the script stops the **mhs_server** and **mhp_server** processes in the specified environment.
14	Are other environments currently running under this broker process? ◗ If NO, continue with Step 15. ◗ If YES, repeat Steps 6 through 13 for each additional environment.
15	Log onto the host as the owner of the Security Administration utility.
16	Enter the following command. ps -ef | grep ltb_server
17	Locate the value in the second column of the line containing the **ltb_server** program name and make a note of it. This is the process ID for the namebroker process.
18	Enter the following command: kill <PID> where <PID> is the process ID you noted in Step 17.

Upgrading GENTRAN:Server Workstation

The GENTRAN:Server Workstation Upgrade Process

Introduction
You must install your GENTRAN:Server Workstation 6.0 software in a new directory and then copy and convert your data files into the new installation.

The upgrade process
This upgrade process entails:

◗ Installing GENTRAN:Server Workstation Version 6.0 into a new directory structure on the workstation or PC

◗ Running conversion utilities that copy the previous data to the new directory structure. The utilities convert the data formats to the version 6.0 formats.

CAUTION

To ensure correct results, you must know the version you have installed.

How to Upgrade to Workstation Version 6.0

Procedure   Use this procedure to upgrade your current installation to Version 6.0.

Step	Action
1	Install the new GENTRAN:Server Workstation 6.0 software to a new location. **WARNING** **To avoid overwriting your existing data, do not install the new Workstation software onto your existing GENTRAN:Server (or GENTRAN:Mentor) directory structure. You must install version 6.0 into a new location. Do not use spaces in the directory path.** **Reference** See the *GENTRAN:Server Workstation Installation Instructions*.
2	Select the optimum time to convert your data. Choose a time when you can stop GENTRAN:Server processes with little or no disruption to your production processes.
3	Purge and compress your translation audit data. **Reference** See the Archiving Data chapter in the *GENTRAN:Server for UNIX Application Integration User's Guide* for instructions.
4	Stop your Workstation processes.
5	Make a *complete* backup of your GENTRAN:Server data files. **Reference** Refer to your company's backup procedures or to your UNIX manuals for instructions.
6	Convert your data. **Reference** See the chapter Converting Data with allcnvrt to run all conversion programs consecutively with one command. See the chapter Converting Data with Individual Conversion Programs to run the conversion programs separately.

Converting Data with allcnvrt

Contents

Overview

Introduction

In this chapter	This chapter explains how to use the **allcnvrt** utility to convert your data.

Manual steps

The **allcnvrt** utility automates most of the work in converting your data. To compete the conversion, you may need to complete some additional steps manually.

These are examples of the manual conversion steps you may need to perform:

◗   Editing MS-DOS batch files
◗   Editing UNIX scripts to include the new command line program names or new directory paths.
◗   Using the unload and load utilities to move ISAM files from multiple installations.
◗   Copying working maps and other non-productions files to the new installation

The allcnvrt Utility

Introduction

The **allcnvrt** utility converts your existing data and copies the files to the 6.0 installation you specify. The utility works by automatically starting a sequence of conversion programs.

Note
You must install GENTRAN:Server Version 6.0 into a new directory to use **allcnvrt**.

Versions you can convert from

The **allcnvrt** utility and the other conversion programs described in this guide are designed to convert data from these versions:

◗ 5.1-1
◗ 5.2
◗ 5.2-1
◗ 5.3
◗ 5.4

CAUTION

If your current version is not listed above, you must install version 5.3 and convert your data to the 5.3 format before you can convert your data to version 6.0 format. Contact a Sterling Commerce Support or Client Services representative for information.

Programs included in allcnvrt

For all GENTRAN:Server Workstation and GENTRAN:Server for UNIX product levels, **allcnvrt** runs these program:

◗ tpcnvrt
◗ edicnvrt
◗ mapcnvrt

For GENTRAN:Server for UNIX product levels with Data Flow Administration, allcnvrt also runs these programs:

◗ sec_cnv
◗ maint_cnv

Reference
For details about these programs, see the chapter Converting Data with Individual Conversion Programs.

Data Files that allcnvrt Converts

Introduction

The **allcnvrt** utility runs a series of conversion programs, each of which converts specific files. This topic lists the files that these programs convert.

Original data retained

The **allcnvrt** utility reads the original data files and writes converted data to the specified destination. It does not move or delete data, so your original data remains intact.

Trading Partnership and mapping files

This table lists the Trading Partnership and mapping files that the **allcnvrt** utility converts.

5.1-1, 5.2, 5.2-1, 5.3, 5.4 Data File	6.0 Data File	Data File Description
tp.[dat|idx]	tp.[dat|idx]	Trading Partnership records
tpmisc.[dat|idx]	tpmisc.[dat|idx]	Additional trading partnership record information
tradacom.[dat|idx]	tradacom.[dat|idx]	Additional TRADACOM trading partnership information
org.[dat|idx]	org.[dat|idx]	Group and interchange organization records
cattype.dat	cattype.dat	Category definitions
catvalue.[dat|idx]	catvalue.[dat|idx]	Values for category definitions
contact.[dat|idx]	contact.[dat|idx]	Contact records
tprecon.[dat|idx]	tprecon.[dat|idx]	Reconciliation IDs
edihist.[dat|idx]	edihist.[dat|idx]	Audit records

Visual Mapper files
This table lists additional map and map-related files that are converted from versions 5.3 and prior.

Note
The **allcnvrt utility** converts the extension for maps from .map to .vmp. This enables the system to distinguish between maps created with the Visual Mapper and those created with the Application Integration mapper introduced in version 5.4

5.1-1, 5.2, 5.2-1, 5.3 Data File	6.0 Data File	Data File Description
<mapname>.dat|idx	<mapname>.dat|idx	The Specific Synonym file for the Visual Mapper map.
generic.dat|idx	generic.dat|idx	The Generic Synonym file for the Visual Mapper
thesaurs.dat|idx	thesaurs.dat|idx	The Thesaurus file for the Visual Mapper
<mapname>.map	<mapname>.vmp	Uncompiled Visual Mapper (5.3 and prior) maps
<mapname>.TBL	<mapname>.TBL	Compiled Visual Mapper (5.3 and prior) maps
<appname>.app	<appname>.app	Visual Mapper application description files
<igname>.ig	<igname>.ig	Visual Mapper implementation guide files

Application Integration files
This table lists additional map and map-related files converted from version 5.4.

5.4 Data File	6.0 Data File	Data File Description
<mapname>.map	<mapname>.map	Uncompiled Application Integration (5.4) maps
<mapname>.TBL	<mapname>.TPL	Translation objects (compiled Application Integration maps)
<filename>.ddf	<filename>.ddf	Application Integration file definitions

UNIX product levels

If you have the GENTRAN:Server for UNIX with Process Control Manager, ECWorkbench, or Advanced Data Distribution product levels, the **allcnvrt utility** converts your Data Flow Administration and master user files.

Data Flow Administration files

This table lists the Data Flow Administration files that the **allcnvrt utility** converts.

5.1-1, 5.2, 5.2-1, 5.3, 5.4 Data File	6.0 Data File	Data File Description
.dmcfg.[dat | idx]	.dmcfg.[dat | idx]	List of data managers
.q_cl	.q_cl	List of queues
.scrcfg.[dat | idx]	.scrcfg.[dat | idx]	List of scripts
.tr_cl	.tr_cl	List of transaction registers
conf.d/<agent>.init	conf.d/<agent>.init	Directory of initialization files
dm.[dat | idx]	dm.[dat | idx]	Data manager configuration records
ds_map.[dat | idx]	ds_map.[dat | idx]	Document specifier table for EDI data
ds_map_app.[dat | idx]	ds_map_app.[dat | idx]	Document specifier table for application data
ds_name.[dat | idx]	ds_name.[dat | idx]	List of document specifier tables
ds_tptbl.[dat | idx]	ds_tptbl.[dat | idx]	List of Trading Partners and document specifiers that you use.
ds_tptbl_app.[dat | idx]	ds_tptbl_app.[dat | idx]	List of Trading Partners and document specifiers by application that you use.
pat.[dat | idx]	pat.[dat | idx]	Pattern records
patlst.[dat | idx]	patlst.[dat | idx]	List of patterns
trn.[dat | idx]	trn.[dat | idx]	Transaction register records
script/<.scrcfg content>.scr	script/<.scrcfg content>.scr	Directory of scripts *(Continued on next page)*

(Cont'd) 5.1-1, 5.2, 5.2-1, 5.3, 5.4 Data File	6.0 Data File	Data File Description
mbox.[dat | idx]	mbox.[dat | idx]	Advanced Data Distribution Mailbox file
dlname.[dat | idx]	dlname.[dat | idx]	Distribution list file
dstlst.[dat | idx]	dstlst.[dat | idx]	Distribution mailbox list file
mboxfr.[dat | idx]	mboxfr.[dat | idx]	Mailbox file register

Security files   This table lists the security administration files that **allcnvrt** converts.

5.1-1, 5.2, 5.2-1, 5.3, 5.4 Data File	6.0 Data File	Data File Description
db/.usermast.[dat | idx]	db/.usermast.[dat | idx]	User list

Procedures

Data Conversion Process

Conversion process

This table lists the tasks in the process of converting your GENTRAN:Server data. See the referenced topic in the task description for the procedure you must perform to complete the task.

Task	Description
1	Complete the items in the Preparation Checklist. **Reference** See Preparing for Data Conversion.
2	Run the **allcnvrt** utility to convert your data. **References** See The allcnvrt Utility, How to Run the allcnvrt Utility, and How to Convert Data from Multiple Installations for information.
3	Check the log files to verify that each conversion program finished properly. **Note** Most of the log files are in the *temp* directory on a UNIX installation, or in the *rpt* folder on a Workstation installation. The log file for Security Administration files is in $SADMIN_ROOT/temp. **Reference** If you need to run a program again, use the instructions in the Converting Data with Individual Conversion Programs chapter. *(Continued on next page)*

(Cont'd) Task	Description

4	If you are upgrading from version 5.3 or prior, do you use proprietary standards?
	
	◗ If YES, add your standards to the GENTRAN:Server standards list file for the Visual Mapper, *stdlist.txt,* and continue with the next task.
	
	   Reference
	   See the How to Convert Visual Mapper Proprietary Standards for instructions.
	
	◗ If NO, continue with the next task.

5	Manually copy your UNIX scripts and MS-DOS batch files to the appropriate directories in your 6.0 installation. Then, edit the UNIX scripts and batch files to reflect any changes you want to make. **Example** Edit scripts or any other locations where you set environment variables. For example, check the *.edi_env* file if you configured the environment to run cron jobs.
6	Test your mapping and translation data to ensure that GENTRAN:Server is processing your data and returning the results you want. **Note** We recommend that you recompile your maps in the new installation before testing them.
7	If you are upgrading from GENTRAN:Server with Process Control Manager, GENTRAN:Server with EC Workbench, or GENTRAN:Server with Advanced Data Distribution, run a test flow to ensure that everything is working correctly. Check the log files in the host *temp* directory to verify the conversions. **CAUTION** **Do not remove your existing version of GENTRAN:Server until you have completely tested GENTRAN:Server and are obtaining satisfactory results.**
8	Did you create multiple environments in your GENTRAN:Server installation? ◗ If YES, repeat Tasks 1 through 7 for each environment. ◗ If NO, you are finished.

Preparing for Data Conversion

Introduction You must complete several tasks before you attempt to convert your data to GENTRAN:Server Version 6.0.

Preparation checklist This table contains a checklist of procedures you must complete before you begin to convert your data for use with GENTRAN:Server 6.0.

Done?	Description
☐	Install the new GENTRAN:Server software to a new location. **WARNING** **To avoid overwriting your existing data, do not install the new GENTRAN:Server software into your existing GENTRAN:Server directory structure.** **Reference** If you are installing GENTRAN:Server Workstation, see the *Workstation Installation Instructions* provided with your software. If you are installing GENTRAN:Server for UNIX, see the *GENTRAN:Server for UNIX Installation and Setup Guide*.
☐	If you are installing GENTRAN:Server for UNIX, define all of your environments. GENTRAN:Server Version 6.0 enables you to configure multiple environments in a single installation. You must structure the environments in your 6.0 installation before you convert your data. **Reference** See the Setting Up Environments chapter of the *GENTRAN:Server Installation and Setup Guide*.
☐	Select the optimal time to convert your data. Choose a time when you can stop GENTRAN:Server processes with little or no disruption to your production processes. (Continued on next page)

(Cont'd) Done?	Description
❏	Purge and compress your current translation audit data. **Reference** See the Archiving Data chapter in the *GENTRAN:Server Mapping and Translation Guide* for instructions on this task.
❏	Check in maps and other files you want to convert.
❏	Wait until any queued processes are finished and then stop, in routing order, any processes running in your source GENTRAN:Server installation.
❏	Make a *complete* backup of your GENTRAN:Server files.

How to Run the allcnvrt Utility

Introduction

You have two options for running the **allcnvrt** utility:

◗ Interactive mode

◗ Full command mode.

Interactive mode

When you run the **allcnvrt** command without parameters, the program prompts you for the information it needs. This is interactive mode.

Command format
allcnvrt

Full command mode

When you run **allcnvrt** with parameters, the program runs in full command mode. See the Command format for the parameters.

Command format

**allcnvrt   <old_install_dir> <new_install_dir> -v <version> -o -no
-s <filename> -ia <no_days> -oa <no_days> [-os <path> -ns <path>]**

Parameters and variables

This table lists the parameters and variables defined for the **allcnvrt** command.

Parameter	Definition
<old_install_dir>	The directory or folder containing your older GENTRAN:Server installation.
<new_install_dir>	The directory or folder for the GENTRAN:Server 6.0 installation to which your data will be added.
-v <version>	The GENTRAN:Server version from which you are converting data. Valid versions are: ◗ 5.1-1 ◗ 5.2 ◗ 5.2-1 ◗ 5.3 ◗ 5.4 (Continued on next page)

(Cont'd) Parameter	Definition
-o	Overwrite duplicate files.
-no	Do not overwrite duplicate files. This is the default value if you do not enter -o.
-s <filename>	Moves the unloaded audit history file (*edihist.unl*) instead of the ISAM (*edihist.dat/idx*) history file. Enter the full path to the file. This parameter is optional. **Reference** See the **edimv** command topic in the Command Reference chapter of the *GENTRAN:Server Technical Reference Guide* for information about unloading the *edihist.dat/.idx* ISAM file.
-ia <no_days>	The number of days to archive input data. The default is 365 days.
-oa <no_days>	Number of days to archive output data. The default is 365 days.
-os <path>	Path to old *secadmin* root directory (GENTRAN:Server for UNIX product levels only)
-ns <path>	Path to new *secadmin* root directory (GENTRAN:Server for UNIX product levels only)

Log files   This **allcnvrt** command copies the text that is output to the screen into a log file for each program that **allcnvrt** starts:

◗ tpcnvrt.log

◗ edicnvrt.log

◗ mapcnvrt.log

◗ sec_cnv.log

◗ maint_cnv.log.

The log files are in the *temp* directory on a UNIX installation, or in the *rpt* folder on a Workstation installation. The log file for Security Administration files is in $SADMIN_ROOT/temp.

Workstation procedure

Use this procedure to run the **allcnvrt** command for your GENTRAN:Server Workstation product.

Step	Action
1	Open a DOS window.
2	At the DOS prompt, change to the directory in which your GENTRAN:Server 6.0 product is installed. **Example** c:\gentran60>
3	Type the **allcnvrt** command and the parameter values at the prompt. **Example** allcnvrt c:\gentran53 c:\gentran60 -v 5.3 -ia 200 -oa 200
4	Press ENTER to start the conversion program.
5	When the program has finished, open the allcnvrt.log file in the rpt folder to check the results.

UNIX procedure

Use this procedure to run the **allcnvrt** command for your GENTRAN:Server UNIX product.

Step	Action
1	Go to the command line on your UNIX host machine.
2	Run the **allcnvrt** command from EDI_ROOT for your GENTRAN:Server for UNIX 6.0 installation. **Example** allcnvrt /gentran53 /gentran60 -v 5.3 -ia180 -oa 180 -os gentran53 /secadmin -ns gentran60/secadmin
3	Press ENTER to start the conversion program.
4	When the program has finished, open the allcnvrt.log file in the temp folder to check the results.

How to Convert Data from Multiple Installations

Introduction   Some of the data conversion programs that **allcnvrt** starts overwrite existing ISAM files. Others overwrite just the duplicate entries in ISAM files. If you convert data from only one installation to your 6.0 installation, this is not a concern. However, if you want to combine data from two or more installations into a single 6.0 installation, you must follow the procedure in this topic to avoid loss of data.

Example   You have a test installation of GENTRAN:Server 5.3 and a test installation of GENTRAN:Server 5.4. You want to move your data files from these two installations to a GENTRAN:Server 6.0 test installation.

CAUTION

GENTRAN:Server does not allow duplicate files. To avoid loss of data, prevent duplicates by renaming data files that have identical names before you merge them.

Reference
You can convert ISAM files to ASCII text files with GENTRAN:Server's **isops** utility. Once they are converted, you can use a text editor to edit the data files they contain. See the *GENTRAN:Server Technical Reference Guide* for the **isops** syntax.

Procedure   Use this procedure to convert data from two installations or versions of GENTRAN:Server to a single installation of version 6.0.

Step	Action
1	For the first installation, run **allcnvrt** to convert the data to the GENTRAN:Server 6.0 format. **Example** Run **allcnvrt** to convert the data files in your 5.3 test installation to your new 6.0 test installation. *(Continued on next page)*

(Cont'd) Step	Action
2	Use GENTRAN:Server's **isops** unload utility to transform all the 6.0 ISAM files you created in Step 1 to ASCII text files (.unl extensions). Store them in an empty directory. This is the basic syntax: isops -u -f {file name} > {file name.unl} **Reference** See the *GENTRAN:Server Technical Reference Guide* for the complete **isops** syntax. **CAUTION** **GENTRAN:Server does not allow duplicate files. To avoid loss of data, prevent duplicates by renaming data files that have identical names before you merge them.**
3	For your other installation, run **allcnvrt** to convert the data to the GENTRAN:Server 6.0 format and build the data files for the 6.0 installation. **Example** Run **allcnvrt** to convert the data files in your 5.4 test installation to your new 6.0 test installation.
4	Use the **isops** load utility to append the files (*.unl) you created in Step 2 to the 6.0 ISAM data files created in Step 3.

How to Convert Visual Mapper Proprietary Standards

Introduction

If you are upgrading from version 5.1-1, 5.2, 5.2-1, or 5.3, you can install the 6.0 Visual Mapper option to maintain the maps and related files you created in those versions. When you install the Visual Mapper software from the CD, the installation program automatically installs the standards files for the Visual Mapper.

If you use additional standards that are not provided with GENTRAN:Server, you must modify the list of standards to access your proprietary standards in the Visual Mapper and Standards editor.

CAUTION

The Visual Mapper and the Application Integration mapper use different storage structures for EDI standards. They are not compatible with one another.

Before you begin

Compare the contents of your previous standards directory to the list of standards provided with your 6.0 software. Make a list of the standards you need to copy to your 6.0 installation.

Procedure

Use this procedure to set up your proprietary standards for use by GENTRAN:Server 6.0.

Step	Action
1	Copy the proprietary standards from the old installation's standards directory to the GENTRAN:Server 6.0 standards directory. If you are copying the standards to a different machine, use an ftp or rcp command, or move the file to tape or other media to transfer the files. **Workstation example (same machine)** copy c:\53server\stds\<standard>.* c:\60server\stds*.* where <standard> is the name of your proprietary standard. **UNIX example (copying file to tape)** find <standard> | cpio >/dev/rmt0 where <standard> is the name of your proprietary standard. *(Continued on next page)*

(Cont'd) Step	Action
2	Using a text editor, open the *stdlist.txt* file, which is in the GENTRAN:Server 6.0 standards directory.
3	Enter the name of each standard (minus any file extensions) left-justified within columns 1 through 11. **Example** 003040UCS
4	After each standard name, add the description, starting at column 12. **Note** If you do not know the descriptions, use your old installation's software to view your standards list. Record the standard name and description for each proprietary standard.
5	Save your changes to the *stdlist.txt* file. **System Response** The Visual Mapper and Standards editor should now recognize your proprietary standards.
6	Log on to GENTRAN:Server 6.0. Start the Visual Mapper and open the Standards editor.
7	Check the displayed list to ensure that all of the necessary standards are now available to GENTRAN:Server 6.0.

UNIX host procedure

Use this procedure to set up your proprietary standards for use by GENTRAN:Server 6.0.

Step	Action
1	FTP or copy the proprietary standards from the old installation's standards directory to the GENTRAN:Server 6.0 standards directory.
2	Using a text editor, open the *stdlist.txt* file, which is in the GENTRAN:Server 6.0 standards directory.

(Cont'd) Step	Action
3	Enter the name of each standard (minus any file extensions) left-justified within columns 1 through 11. **Example** 003040UCS
4	After each standard name, add the description, starting at column 12. **Note** If you do not know the descriptions, use your old installation's software to view your standards list. Record the standard name and description for each proprietary standard.
5	Save your changes to the *stdlist.txt* file. **System Response** The Visual Mapper and Standards editor should now recognize your proprietary standards.
6	Log on to GENTRAN:Server 6.0. Start the Visual Mapper and open the Standards editor.
7	Check the displayed list to ensure that all of the necessary standards are now available to GENTRAN:Server 6.0.

Converting Data with Individual Conversion Programs

Contents

Overview

Procedures

Overview

Introduction

Purpose   This chapter describes how to convert data files by running a conversion program designed to convert a specific type of data, such as Trading Partnership records, from previous versions of GENTRAN:Server® to GENTRAN:Server Version 6.0.

When to use   Use the information in this chapter when you want to:

◗ Run one or more programs that did not finish properly when you ran **allcnvrt**.

◗ Run each of the individual conversion programs instead of running the **allcnvrt** program described in the previous chapter.

Example
You ran **allcnvrt** and checked the log files that the program generated. The *edicnvrt.log* file indicates that the program did not convert all your audit archive records to your 6.0 installation. All the other conversion programs finished successfully. You can use the instructions in the How to Convert Audit Archive Records with edicnvrt in this chapter to run only the **edicnvrt** program.

Versions you can convert from   The commands described in this chapter require you to enter a valid version number as a command parameter.

These are the versions of GENTRAN:Server you can convert to GENTRAN:Server 6.0:

◗ 5.1-1

◗ 5.2

◗ 5.2-1

◗ 5.3

◗ 5.4

Converting from earlier versions

If you have a version prior to 5.1-1 or an earlier product, such as GENTRAN:Mentor, you must do an interim upgrade to GENTRAN:Server Version 5.3 before you can convert your data. Contact a Support or Client Services representative for information.

CAUTION

Do not use the version 6.0 conversion programs to convert data from versions prior to 5.1-1.

ISAM files

You do not have to create empty ISAM files in the new installation. The 6.0 installation programs and the conversion programs create them for you if they do not exist.

Conversion Process

Description

The conversion process described in this chapter involves running several separate conversion programs. Each program converts a specific type of data.

Reference
To automatically run all conversion programs consecutively, use the **allcnvrt** utility described in the Converting Data with allcnvrt chapter of this guide.

Tasks in the conversion process

This table describes the tasks in the process of converting your data manually so that you can use it with GENTRAN:Server Version 6.0. See the topic referenced in the task description for the procedure you must follow to perform the task.

Task	Description
1	Complete the preparation checklist. **Reference** See the Preparing for Data Conversion.
2	If you are upgrading from version 5.3 or prior, do you use proprietary standards? ◗ If YES, add your standards to the GENTRAN:Server standards list file for the Visual Mapper, *stdlist.txt,* and continue with the next task. **Reference** See the How to Convert Visual Mapper Proprietary Standards for instructions. ◗ If NO, continue with the next task.
3	Convert your Trading Partnership records. **Reference** See the How to Convert Trading Partnership Records with tpcnvrt for more information.
4	Purge and compress your unneeded audit data. Purging your data before you convert it reduces the amount of time it will take to convert the data. **Reference** See the Archiving Translation Data chapter in the *GENTRAN:Server Application Integration Guide* for details.

(Cont'd) Task	Description
5	Convert your mapping and translation audit data. **Reference** See the <u>How to Convert Audit Archive Records with edicnvrt</u> for more information.
6	Convert your maps, compiled maps, and related files. **Reference** See the <u>How to Convert Maps and Related Files with mapcnvrt</u> for more information.
7	Manually copy your UNIX scripts and MS-DOS batch files to the appropriate directories in your 6.0 installation. Then, edit the UNIX scripts and batch files to reflect any changes you want to make.
8	Test your mapping and translation data to ensure that GENTRAN:Server is processing your data and returning the results you want. **Note** We recommend that you recompile your maps in the new installation before testing them.

9	Are you upgrading from GENTRAN:Server with Process Control Manager, GENTRAN:Server with EC Workbench, or GENTRAN:Server with Advanced Data Distribution?
	
	◗ If YES, convert your GENTRAN:Server Data Flow archive and data files and then continue with the next task.
	
	    Reference
	    See the <u>How to Convert Data Flow Files with maint_cnv</u>
	    for more information.
	
	◗ If NO, go to Task 11.
	
	 (Continued on next page)

(Cont'd) Task	Description
10	Run a test flow to ensure that everything is working correctly. Check the log files in the host *temp* directory to verify the conversions. **CAUTION** **Do not remove your existing version of GENTRAN:Server until you have completely tested GENTRAN:Server and are obtaining satisfactory results.**
11	Did you create multiple environments in your GENTRAN:Server installation? ◗ If YES, repeat Tasks 1 through 11 for each environment. ◗ If NO, stop. You have completed the conversion of your data.

Preparing for Data Conversion

Introduction

You must complete several tasks before you attempt to convert your data from earlier versions to GENTRAN:Server Version 6.0.

Preparation checklist

This table contains a checklist of procedures you must complete before you begin to convert your data for use with GENTRAN:Server 6.0.

Done?	Description
☐	Install the new GENTRAN:Server software into a new directory. **WARNING** **To avoid overwriting your existing data, do not install the new GENTRAN:Server software onto your existing GENTRAN:Mentor or GENTRAN:Server directory structure.** **Reference** If you are installing GENTRAN:Server Workstation, see the *Workstation Installation Instructions* provided with your software. If you are installing GENTRAN:Server for UNIX, see the *GENTRAN:Server for UNIX Installation and Setup Guide*.
☐	If you are installing GENTRAN:Server for UNIX, define all of your environments. **Reference** See the Setting Up Environments chapter of the *GENTRAN:Server Maintenance and Troubleshooting Guide*.
☐	Select the optimum time to convert your data. Choose a time when you can stop GENTRAN:Server processes with little or no disruption to your production processes.
☐	Are you converting from a version prior to GENTRAN:Server 5.3? ◗ If YES, complete the interim conversion to GENTRAN:Server 5.3. ◗ If NO, continue with the next item on the checklist. *(Continued on next page)*

(Cont'd) Done?	Description
❏	Purge and compress your translation audit data. **Reference** See the Archiving Data chapter in the *GENTRAN:Server Mapping and Translation Guide* for instructions.
❏	Wait until any queued processes are finished and then stop, in routing order, any processes running in your source GENTRAN:Server installation.
❏	Make a *complete* backup of your GENTRAN:Server data files.

Procedures

How to Convert Trading Partnership Records with tpcnvrt

Introduction

To convert your Trading Partnership records for use with GENTRAN:Server 6.0, use the **tpcnvrt** program to append your existing data to the new Trading Partnership files that the installation program created for GENTRAN:Server 6.0.

Command format

This is the format of the command to convert Trading Partnership records:

**tpcnvrt   {<old_install_dir>} {<new_install_dir>} [-o] [-no] [-v <version>]
    [-ia <no_days>] [-oa <no_days>]**

Where

<old_install_dir>	The path to the directory folder containing your prior GENTRAN:Server installation and environment configuration file (envprim.cfg).
<new_install_dir>	The path to the directory folder that contains the GENTRAN:Server 6.0 installation and environment configuration file (envprim.cfg). This is the destination folder for your data.
-o	Overwrite duplicate records.
-no	Do not overwrite duplicate records. This is the default.
-v <version>	The data version you are converting from. The default value is 5.3.
-ia	Number of days to archive input data. The default is 365 days.
-oa	Number of days to archive output data. The default is 365 days.

Data conversion

The following table lists the files that **tpcnvrt** converts.

Data File	Description
tp.[dat|idx]	Trading Partnership records
tpmisc.[dat|idx]	Supplemental Trading Partnership record information
tradacom.[dat|idx]	Additional TRADACOM trading partnership information
org.[dat|idx]	Group and interchange organization records
cattype.[dat|idx]	Category definitions
catvalue.[dat|idx]	Values for category definitions
contact.[dat|idx]	Contact records
tprecon.[dat|idx]	Reconciliation IDs
xtable.[dat|idx]	Standard cross reference files
xmltptbl.[dat|idx]	XML trading partnership rule files
xmlxref.[dat|idx]	XML cross reference files
xmlspl1.[dat|idx] xmlspl2.[dat|idx] xmlspl3.[dat|idx]	XML splitter table files

Note
The xtable, xmltptbl, xmlxref, and xmlspl1, xmlspl2, and xmlspl3 files exist only if you are converting from version 5.4 and you used the XML option in that version.

Log file

The command copies the text that is output to the screen into the file *tpcnvrt.log*. This file is located in the *temp* directory on a UNIX installation, or in the *rpt* folder on a Microsoft Windows installation.

Workstation procedure

Use this procedure to run the **tpcnvrt** command for your GENTRAN:Server Workstation product.

Step	Action
1	Open a DOS window.
2	At the DOS prompt, change to the directory in which your GENTRAN:Server 6.0 product is installed. **Example** c:\gentran60>
3	Type the **tpcnvrt** command and the parameter values at the prompt. **Example** tpcnvrt c:\gentran53 c:\gentran60 -v 5.3 -ia 200 -oa 200
4	Press ENTER to start the conversion program.
5	When the program has finished, open the tpcnvrt.log file in the rpt folder to check the results.

UNIX procedure

Use this procedure to run the **tpcnvrt** command for your GENTRAN:Server UNIX product.

Step	Action
1	Go to the command line on your UNIX host machine.
2	Run the **tpcnvrt** command from EDI_ROOT for your GENTRAN:Server for UNIX 6.0 installation. **Example** tpcnvrt /gentran53 /gentran60 -v 5.3 -ia180 -oa 180
3	Press ENTER to start the conversion program.
4	When the program has finished, open the tpcnvrt.log file in the temp folder to check the results.

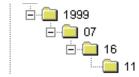# How to Convert Audit Archive Records with edicnvrt

Introduction

To convert your mapping and translation audit archive records for use with GENTRAN:Server version 6.0, use the **edicnvrt** program to add your existing data to the new audit archive files.

Archive file structure

GENTRAN:Server Versions 5.0 and higher create separate folders in your EDI history folder for the year, month, day, and hour. The hour folder holds a separate archive file for each interchange.

The **edicnvrt** program creates the appropriate directory structure as it converts your mapping and translation audit archive data for use with GENTRAN:Server.

Example

Comment
This program leaves the old audit archive data in the prior directory structure.

Reference
See the Archiving Data chapter of the *GENTRAN:Server Application Integration User's Guide* for more information.

Command format

This is the format of the command to convert audit archive records:

**edicnvrt   {<old_install_dir>} {<new_install_dir>} [-v version] [-o] [-no]
    [-s <filename>]**

Where

<old_install_dir>	The path to the directory folder containing your prior GENTRAN:Server installation and environment configuration file (envprim.cfg).
<new_install_dir>	The path to the directory folder that contains the GENTRAN:Server 6.0 installation and environment configuration file (envprim.cfg). This is the destination folder for your data.

-o	Overwrite duplicate records.
-no	Do not overwrite duplicate records. This is the default if you do not specify -o or -no.
-v <version>	The data version to convert from. The default value is 5.3.
-s <filename>	Moves the unloaded audit history file (*edihist.unl*) instead of the ISAM (*edihist.dat/idx*) history file. Enter the full path to the file. This parameter is optional. **Reference** See the **edimv** command topic in the Command Reference chapter of the *GENTRAN:Server Technical Reference Guide* for information about unloading the *edihist.dat/.idx* ISAM file.

Files converted   The following table lists the file that **edicnvrt** converts.

Data File	Data File Description
edihist.[dat|idx]	Audit records

Log file   The **edicnvrt** program writes results to the *edicnvrt.log* file.

The log file is in the *temp* directory on a UNIX installation, or in the *rpt* folder on a Microsoft Windows installation.

Preparing audit files for conversion	We recommend that you purge and compress any unneeded audit data before you convert it for use with GENTRAN:Server. By purging and compressing your audit data you will reduce the amount of time it takes to convert your data for use with GENTRAN:Server version 6.0.

Workstation procedure   Use this procedure to run the **edicnvrt** command for your GENTRAN:Server Workstation product.

Step	Action
1	Open a DOS window.
2	At the DOS prompt, change to the directory in which your GENTRAN:Server 6.0 product is installed. **Example** c:\gentran60>
3	Type the **edicnvrt** command and the parameter values at the prompt. **Example** edicnvrt c:\gentran53 c:\gentran60 -v 5.21
4	Press ENTER to start the conversion program.
5	When the program has finished, open the edicnvrt.log file in the rpt folder to check the results.

UNIX procedure   Use this procedure to run the **edicnvrt** command for your GENTRAN:Server UNIX product.

Step	Action
1	Go to the command line on your UNIX host machine.
2	Run the **edicnvrt** command from EDI_ROOT for your GENTRAN:Server for UNIX 6.0 installation. **Example** edicnvrt /gentran53 /gentran60 -v 5.21 -s /usr/gentran/data/edihist.unl (Continued on next page)

(Cont'd) Step	Action
3	Press ENTER to start the conversion program.
4	When the program has finished, open the edicnvrt.log file in the temp folder to check the results.

How to Convert Maps and Related Files with mapcnvrt

Introduction   The **mapcnvrt** program moves your maps and related files the 6.0 installation.
The types of related files moved depend on the version from which you are
converting.

Example
If you are converting from version 5.2-1 or 5.3, the **mapcnvrt** program moves
your compiled and uncompiled maps, application descriptions, any
implementation guides, synonym lists, and thesaurus lists.

If you are converting from a 5.4 installation, the program moves your compiled
and uncompiled maps and file definitions.

CAUTION

**Once you convert your files, you will not be able to use them with
older versions of GENTRAN:Server.**

Reference
If you want to convert only your synonym and thesaurus records, use the
syncnvrt program to add your existing data to the new synonym and thesaurus
files. See for instructions.

No re-compiling   If your maps are compiled, you do not have to recompile them after you run the
mapcnvrt program.

Command format	This is the format of the command to convert your maps, application descriptions, and implementation guides:

mapcnvrt <old_install_dir> <new_install_dir> [-v <version>] [-o] [-no]

Where

<old_install_dir>	The path to the directory folder containing your prior GENTRAN:Server installation and environment configuration file (envprim.cfg).
<new_install_dir>	The path to the directory folder that contains the GENTRAN:Server 6.0 installation and environment configuration file (envprim.cfg). This is the destination folder for your data.
-v <version>	The data version to convert from. The default value is 5.3
-o	Overwrite duplicate files.
-no	Do not overwrite duplicate files. This is the default.

Data conversion	The following tables list the files that **mapcnvrt** converts, including file name changes and descriptions.

Visual Mapper files, GENTRAN:Server Version 5.3 or prior

5.3/prior Data File	**New Data File**	**Data File Description**
<mapname>.map	<mapname>.vmp	Uncompiled maps
<mapname>.TBL	<mapname>.TBL	Compiled maps
<appname>.app	<appname>.app	Application description files
<igname>.ig	<igname>.ig	Implementation guide files

Application Integration files, GENTRAN:Server Version 5.4

5.4 Data File	New Data File	Data File Description
<mapname>.map	<mapname>.map	Uncompiled maps
<mapname>.TPL	<mapname>.TPL	Compiled maps
<appname>.ddf	<appname>.ddf	File definition files

Log file   The **mapcnvrt** program writes results to the *mapcnvrt.log* file.

The log file is in the *temp* directory on a UNIX installation, or in the *rpt* folder on a Microsoft Windows installation.

Workstation procedure   Use this procedure to run the **mapcnvrt** command for your GENTRAN:Server Workstation product.

Step	Action
1	Open a DOS window.
2	At the DOS prompt, change to the directory in which your GENTRAN:Server 6.0 product is installed. **Example** c:\gentran60>
3	Type the **mapcnvrt** command and the parameter values at the prompt. **Example** mapcnvrt c:\gentran53 c:\gentran60 -v 5.21
4	Press ENTER to start the conversion program.
5	When the program has finished, open the mapcnvrt.log file in the rpt folder to check the results.

UNIX procedure   Use this procedure to run the **mapcnvrt** command for your GENTRAN:Server UNIX product.

Step	Action
1	Go to the command line on your UNIX host machine.
2	Run the **mapcnvrt** command from EDI_ROOT for your GENTRAN:Server for UNIX 6.0 installation. **Example** mapcnvrt /gentran53 /gentran60 -v 5.21 -s /usr/gentran/data/ edihist.unl
3	Press ENTER to start the conversion program.
4	When the program has finished, open the mapcnvrt.log file in the temp folder to check the results.

How to Convert Synonym and Thesaurus Lists with syncnvrt

Introduction

If you run the **mapcnvrt** program, it will convert your synonym and thesaurus records along with your maps, file definitions, application descriptions, and implementation guides.

If you want to convert only your synonym and thesaurus records, use the **syncnvrt** program to add your existing data to the new synonym and thesaurus files.

Identifying maps with synonyms

If you do not know if a map has specific synonyms:

◗ Make sure that the map is compiled

◗ Run a directory on the <mapname>.dat file. If the size of the <mapname>.dat file is greater than zero, specific synonyms exist.

Command format

This is the format of the command to convert synonym and thesaurus records:

syncnvrt {<old_install_dir>} {<new_install_dir>} {<syn_name>}[-o] [-no] [-v version]

Where

<old_install_dir>	The path to the directory folder containing your prior GENTRAN:Server installation and environment configuration file (envprim.cfg).
<new_install_dir>	The path to the directory folder that contains the GENTRAN:Server 6.0 installation and environment configuration file (envprim.cfg). This is the destination folder for your data.
<syn_name>	The name of the synonym or thesaurus list.
-o	Overwrite duplicate records.
-no	Do not overwrite duplicate records. This is the default.
-v <version>	The data version to convert from. The default value is 5.3.

Log file

This command writes the results of the conversion into the file *syncnvrt.log.* This file is located in the *temp* directory on a UNIX installation, or in the *rpt* folder on a Microsoft Windows installation.

Data conversion

This table lists the files that **syncnvrt** converts.

Data File	Description
<mapname>.dat|idx	The Specific Synonym file for the map named "mapname"
generic.dat|idx	The Generic Synonym file, which stores the generic synonym lists maintained with the Synonym Editor
thesaurs.dat|idx	The Thesaurus file, which stores the thesaurus lists that the AutoMapper uses

Workstation procedure

Use this procedure to run the **syncnvrt** command for your GENTRAN:Server Workstation product.

Step	Action
1	Open a DOS window.
2	At the DOS prompt, change to the directory in which your GENTRAN:Server 6.0 product is installed. **Example** c:\gentran60>
3	Type the **syncnvrt** command and the parameter values at the prompt. **Example** syncnvrt c:\gentran53 c:\gentran60 generic -v 5.21
4	Press ENTER to start the conversion program.
5	When the program has finished, open the syncnvrt.log file in the rpt folder to check the results.

UNIX procedure

Use this procedure to run the **syncnvrt** command for your GENTRAN:Server UNIX product.

Step	Action
1	Go to the command line on your UNIX host machine.
2	Run the **syncnvrt** command from EDI_ROOT for your GENTRAN:Server for UNIX 6.0 installation. **Example** syncnvrt /gentran53 /gentran60 generic -v 5.21
3	Press ENTER to start the conversion program.
4	When the program has finished, open the syncnvrt.log file in the temp folder to check the results.

How to Convert Data Flow Files with maint_cnv

Introduction

The **maint_cnv** program converts GENTRAN:Server for UNIX Data Flow Administration and Advanced Data Distribution files. The program also:

◗ Links data managers created when base was linked to another name

◗ Creates data manager work directories and queues

◗ Copies the *mb/ftpd/ftpaccess* file from the older installation.

Command format

This is the format of the command to convert data flow maintenance (and Advanced Data Distribution files if you have the Advanced Data Distribution product):

maint_cnv {<old_install_dir>} {<new_install_dir>} [-o] [-no] [-v version]

Where

<old_install_dir>	The path to the directory folder containing your prior GENTRAN:Server installation and environment configuration file (envprim.cfg).
<new_install_dir>	The path to the directory folder that contains the GENTRAN:Server 6.0 installation and environment configuration file (envprim.cfg). This is the destination folder for your data.
-v <version>	The data version to convert from. The default value is 5.3.
-o	Overwrite duplicate files
-no	Do not overwrite duplicate files. This is the default.

Log file

This command writes the results of the conversion into the file *maint_cnv.log.* This file is located in the *temp* directory on a UNIX installation.

Data conversion

The following table summarizes the files that **maint_cnv** converts, including filename changes and descriptions.

Data File	Data File Description
.dmcfg.[dat | idx]	List of data managers
.q_cl	List of queues
.scrcfg.[dat | idx]	List of scripts
.tr_cl	List of transaction registers
conf.d/<agent>.init	Directory of initialization files
dm.[dat | idx]	Data manager configuration records
dm_arch.[dat | idx]	Data manager archive records
ds_map.[dat | idx]	Document specifier table for EDI data
ds_map_app.[dat | idx]	Document specifier table for application data
ds_name.[dat | idx]	List of document specifier tables
ds_tptbl.[dat | idx]	List of Trading Partners and document specifiers that you use.
ds_tptbl_app.[dat | idx]	List of Trading Partners and document specifiers by application that you use
pat.[dat | idx]	Pattern records
patlst.[dat | idx]	List of patterns
trn.[dat | idx]	Transaction register records
script/<.scrcfg content>.scr	Directory of scripts
mbox.[dat | idx]	Advanced Data Distribution mailbox file
dlname.[dat | idx]	Distribution list file
dstlst.[dat | idx]	Distribution mailbox list file
mboxfr.[dat | idx]	Mailbox file register

Log file   The **maint_cnv** program writes results to the *maint_cnv.log* file. The log file is in the *temp* directory on a UNIX installation.

Utility limitations   Although this conversion utility can completely convert GENTRAN:Server scripts and initialization files for most users, the utility cannot completely convert complex commands where information is piped into or out of our components.

RECOMMENDATION

We recommend that you always examine the converted initialization files or script files for correctness. It is especially important to examine them if your initialization files or script files contain complex or piped commands.

UNIX procedure   Use this procedure to run the **maint_cnv** command for your GENTRAN:Server UNIX product.

Step	Action
1	Go to the command line on your UNIX host machine.
2	Make sure that all queued processes are finished.
3	Stop the data managers in flow routing sequence, beginning with the first data manager in the flow. Use the **stopserver** command to stop each data manager in turn. **Reference** See the Command Reference chapter in the *GENTRAN:Server Technical Reference Guide* for **stopserver** instructions.
4	Stop all other GENTRAN:Server processes.
5	Run the **maint_cnv** command from EDI_ROOT for your GENTRAN:Server for UNIX 6.0 installation. **Example** maint_cnv /gentran53 /gentran60 -v 5.21
6	Press ENTER to start the conversion program.
7	When the program has finished, open the mapcnvrt.log file in the temp folder to check the results.

How to Convert Security Files with sec_cnv

Introduction
The **sec_cnv** program moves your GENTRAN:Server for UNIX user records and passwords to the 6.0 Security Administration installation.

Comment
Security Administration was not available in versions prior to 5.0.

Before you begin
Before running the **sec_cnv** command, you must create your environments in the GENTRAN:Server Version 6.0 installation.

Command format
This is the format of the command to convert the path from your current Security Administration root directory to the Security Administration root directory for GENTRAN:Server version 6.0.

sec_cnv <old_sadmin_root> <new_sadmin_root> [-o] [-no] [-v <version>]

Where

<old_sadmin_root>	Path to the old security administration root directory ($SADMIN_ROOT/admin)
<new_sadmin_root>	Path to the new security administration root directory ($SADMIN_ROOT/admin)
-o	Overwrite duplicate errors
-no	Do not overwrite duplicate records. This is the default.
-v <version>	The version number you are converting from. The valid version numbers are: ◗　5.1-1 ◗　5.2 ◗　5.2-1 ◗　5.3 ◗　5.4

Data conversion   This table shows the file that **sec_cnv** converts.

Data File	Data File Description
db/.usermast.[dat | idx]	User list

Log file   The **sec_cnv** program writes results to the *sec_cnv.log* file. The log file is in the $SADMIN_ROOT/*temp* directory on a UNIX installation.

UNIX procedure   Use this procedure to run the **sec_cnv** command for your GENTRAN:Server UNIX product.

Step	Action
1	If you have not already done so, create your environments in the GENTRAN:Server Version 6.0 installation.
2	At the command line, run the **sec_cnv** command from EDI_ROOT for your GENTRAN:Server for UNIX 6.0 installation. **Example** sec_cnv /gentran53 /gentran60 -v 5.4
3	Press ENTER to start the conversion program.
4	When the program has finished, open the sec_cnv.log file in the temp folder to check the results.