

Gentran:Server® for iSeries®

Release Notes and Impact Information

Release 3.5

Sterling Commerce
An IBM Company

Sterling Commerce, Inc.
4600 Lakehurst Court Dublin, OH 43016-2000 * 614/793-4000
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Table of Contents

Chapter 1	Release Notes	1
	Introduction	4
	Installation Procedures	5
	Install Gentran:Server for iSeries Release 3.5 from CD-ROM.....	6
	Install Gentran:Server for iSeries Release 3.5 from the ESD Portal.....	7
	Online Enhancements	11
	Partner Enhancements	11
	Miscellaneous Online Enhancements.....	12
	Mapping Enhancements	14
	Online Communication Enhancements	15
	Batch Processing Enhancements	17
	Processing Enhancements	17
	Purge Enhancements	19
	Report Enhancements.....	20
Chapter 2	Impact Information	21
	Overview	24
	Online Enhancements	25
	Online Partner Enhancements	25
	Miscellaneous Online Enhancements.....	26
	Online Communication Enhancements	28
	Mapping Enhancements	30
	Batch Processing	31
	Batch Processing Enhancements	31
	Batch Communication Enhancements.....	33
	Purge Enhancements	34
	Reporting Enhancements.....	35
	Object Changes	36
	Screen Changes	36
	File Changes	37
	Command Changes.....	39
	CL Program Changes	44

Release Notes

Contents	Introduction	4
	In this Chapter.....	4
	Assumptions	4
	Upgrading from Release 3.2, 3.3, or 3.4.....	4
	Enhancements	4
	Installation Procedures	5
	Product Delivery	5
	User Documentation Delivery	5
	Install Gentran:Server for iSeries Release 3.5 from CD-ROM.....	6
	Install Documentation from CD-ROM.....	6
	Install Product from CD-ROM	6
	Product Updates.....	6
	Install Gentran:Server for iSeries Release 3.5 from the ESD Portal.....	7
	Required Hardware and Software.....	7
	Download Documentation .zip File from the ESD Portal	7
	Unzip the Documentation .zip File.....	7
	Download the Product .zip File from the ESD Portal	8
	Files Contained in the .zip File	8
	Create Save Files	8
	If you Saved to a Mapped Network Drive.....	9
	If you Saved to a PC Hard Drive	9
	Additional Downloads	10
	Installation	10
	Download Updates from Support On Demand	10
	Online Enhancements	11
	Partner Enhancements	11
	Introduction.....	11
	Group/Tran Ack Flag Updated	11
	Outbound Envelope Support for EDIFACT Syntax 4.....	11
	Support of ANSI ST03	11

Set 209 Errors	11
Miscellaneous Online Enhancements	12
Introduction	12
Comm Option Added to Message Center.....	12
New Link Added to View Acknowledgment from the Audit Record	12
New Group/Tran View in Standards	12
Prompting Available in Processing Commands	12
Command Added to Replace up to Five Characters	12
Added Suspense File Display	12
Delete Confirmation Added to Standards.....	12
GENSYSCFG Menu Modified.....	13
GENSYS Menu Modified	13
Mapping Enhancements	14
Introduction	14
Increased Literal Size	14
New Screen for Notes On Extended Mapping	14
Online Communication Enhancements.....	15
Introduction	15
Command to Change Communication Profile on Partner	15
New protocol Type 'AS2' Added to Comm Profile Setup.....	15
New protocol type 'OFT' added to Comm Profile Setup.....	15
New Keywords Added for FTP Comm Scripting	15
New Session Control Description Field	15
Can Now Remove up to Two HEX Characters on the Add and GIFSGATE Command.....	15
Add Command will Check for an Object Lock on the File.....	16
New Options Added to Inbound/Outbound Communication Queue Screens.....	16
New View for Communication Profile Screen.....	16
New Input fields for Secure FTP	16
New Field for Communication Profile Screen	16
Batch Processing Enhancements	17
Processing Enhancements	17
Introduction	17
Element and Segment Size Increased.....	17
209 Errors Controlled at Run or Partner Level	17
Removed 209 Errors Rejection at Interchange.....	17
Size Increased for Intermediate Files	17

Outbound Support of EDIFACT Syntax 4	17
Support of ANSI ST03	17
Replace Characters During REQUEUE	17
Added Processing Parameter to Ignore 676 and 685 Errors.....	18
Override Sender and Sender Qual. Removed.....	18
Purge Enhancements	19
Introduction.....	19
Purge Programs Modified to All Work Consistently	19
PRGVAT to Tape or *savf.....	19
RTVVAT Available.....	19
Report Enhancements.....	20
Introduction.....	20
Envelope Information Added to SLTAUD Print.....	20
Note information Added To PRTMAP.....	20
New Group/Trans Standards Report.....	20

Introduction

In this Chapter

This chapter details the features and enhancements included in Gentran:Server® for iSeries® Release 3.5.

Reference

See “Impact Information” in Chapter 2 of this document for information on how this release may impact your Gentran:Server Release 3.2, 3.3, or 3.4.

Assumptions

This document assumes that you have a working knowledge of the Gentran:Server for iSeries system, its terminology, and its processes.



Caution

Gentran:Server for iSeries Release 3.5 provides support for OS/400 versions that IBM supports. If you are using a version of OS/400 that IBM does not support, you must upgrade the operating system before installing Release 3.5.

Upgrading from Release 3.2, 3.3, or 3.4

Prior to upgrading, review the Release Notes and Impact Information for each release that you will be skipping. You can access these documents from the Support on Demand Web site.



Caution

Review the Release Notes and Impact Information documents to fully understand all of the changes that you will encounter.

Enhancements

This table specifies the page on which each enhancement section begins.

Enhancement Type	See...
Online processing	page 11
Batch processing	page 17

Section A. Installation Procedures

Product Delivery

The Gentran:Server for iSeries Release 3.5 product is provided on either CD-ROM or on the Electronic Software Distribution (ESD) portal.

To install using the ESD portal, follow the Install from ESD Portal instructions.

All product updates are provided on the Support On Demand website.

User Documentation Delivery

All user documentation is provided on the ESD portal and on the Support on Demand Web site. Paper copies are no longer provided.

Install Gentran:Server for iSeries Release 3.5 from CD-ROM

Install Documentation from CD-ROM

If you are installing Gentran:Server for iSeries Release 3.5 from CD-ROM, insert the documentation CD-ROM and copy the manuals onto your system. Next, open and print the *Gentran:Server for iSeries Release 3.5 Installation Guide*.

Install Product from CD-ROM

Follow the instructions in the *Gentran:Server for iSeries Release 3.5 Installation Guide* using the product CD-ROMs.

Product Updates

Go to <https://support.sterlingcommerce.com> or call customer support at 1-800-GENTRAN if you have questions about product updates.

Install Gentran:Server for iSeries Release 3.5 from the ESD Portal

Required Hardware and Software

This procedure assumes that you are downloading the product .zip file to a PC or workstation and then uploading it to your iSeries system. The following

- Approximately 500 MB (total) free space on your PC hard drive for both the zipped (140 MB) and unzipped (350 MB) images.
- WinZip software
- Adobe Acrobat Reader (for documentation PDF)

If you do not have Acrobat Reader, you can download a free version from the Adobe website.

Download Documentation .zip File from the ESD Portal

To download the documentation from the ESD portal (GSI35Doc.zip):

1. Find Gentran:Server for iSeries Release 3.5 documentation and click **Download**.
2. In the File Download dialog box, click **Save**.
3. When the Save As dialog box opens, save the GSI35Doc.zip file to the C:\ drive.

Unzip the Documentation .zip File

Unzip the GSI35Doc.zip file into a Release 3.5 documentation folder. You should have the following documents:

- *Gentran:Server for iSeries Release Notes and Impact Information Release 3.5 (this document)*
- *Gentran:Server for iSeries Installation Guide Release 3.5*
- *Gentran:Server for iSeries Cumulative Fix Installation Guide Release 3.5*
- *Gentran:Server for iSeries Communications Guide Release 3.5*
- *Gentran:Server for iSeries Manager's Implementation Planner Release 3.5*
- *Gentran:Server for iSeries Technical Reference Guide Release 3.5*
- *Gentran:Server for iSeries User Guide Release 3.5*
- *Gentran:Viewpoint for iSeries for Gentran:Server Release 3.5*
- *EDI Complete, ANSI X12 Tutorial Guide for Gentran:Server for iSeries Release 3.5*
- *EDI Complete, EDIFACT Tutorial Guide for Gentran:Server for iSeries Release 3.5*
- *Gentran:Server for iSeries Communications Module Release Notes and Impact Information Release 3.5*

(Continued on next page)

- *Gentran:Server for iSeries Communications Module Installation Guide Release 3.5*
- *Gentran:Server for iSeries Communications Module User Guide Release 3.5*
- *Gentran:Server for iSeries Extension for SAP R/3 Release 3.5*
- *Gentran:Server for iSeries Release 3.5 Standards Installation*

You will need to print the *Gentran:Server for iSeries Installation Guide Release 3.5* before continuing with the installation.

Download the Product .zip File from the ESD Portal

To download the GSi35.zip file from the ESD portal:

1. Find Gentran:Server for iSeries Release 3.5 product and click **Download**.
2. In the File Download dialog box, click **Save**.
3. When the Save As dialog box opens, save the GSi35.zip file to the C:\ drive or to the IFS file system on your iSeries (mapped network drive).

Files Contained in the .zip File

Unzip the GSi35.zip file. You should have the following files:

- G3X5DTA
- G3X5FIXDTA
- G3X5PGM
- G3X5FIXPGM
- G3X5SAMP
- G3X5SAMPFX
- G3X5TOOL
- QGPLG3X5

Create Save Files

For each item that you plan to install, create a save file on your iSeries. Use the following commands, where **G3X5TEMP** is the library where your save files will reside (this is the library of your choice):

- **CRTSAVF FILE (G3X5TEMP/G3X5DTA)**
- **CRTSAVF FILE (G3X5TEMP/G3X5PGM)**
- **CRTSAVF FILE (G3X5TEMP/G3X5FIXDTA)**
- **CRTSAVF FILE (G3X5TEMP/G3X5FIXPGM)**
- **CRTSAVF FILE (G3X5TEMP/G3X5SAMP)**
- **CRTSAVF FILE (G3X5TEMP/G3X5SAMPFX)**
- **CRTSAVF FILE (G3X5TEMP/G3X5TOOL)**
- **CRTSAVF FILE (G3X5TEMP/QGPLG3X5)**

(Continued on next page)

NOTE:

G3X5SAMP and G3X5SAMPFX only need to be created if you are restoring the tutorial libraries. G3X5TOOL only needs to be created if you are restoring the tools library.

If you Saved to a Mapped Network Drive

If you saved your files to a mapped network drive, enter the following commands from an iSeries command line (where G3X5TEMP is the library where your save files will reside):

- `CPYFRMSTMF FROMSTMF ('location of file/QGPLG3X5') TOMBR ('QSYS.LIB/G3X5TEMP.LIB/QGPLG3X5.FILE') MBROPT (*REPLACE)`
- `CPYFRMSTMF FROMSTMF ('location of file/G3X5DTA') TOMBR ('QSYS.LIB/G3X5TEMP.LIB/G3X5DTA.FILE') MBROPT (*REPLACE)`
- `CPYFRMSTMF FROMSTMF ('location of file/G3X5PGM') TOMBR ('QSYS.LIB/G3X5TEMP.LIB/G3X5PGM.FILE') MBROPT (*REPLACE)`
- `CPYFRMSTMF FROMSTMF ('location of file/G3X5FIXDTA') TOMBR ('QSYS.LIB/G3X5TEMP.LIB/G3X5FIXDTA.FILE') MBROPT (*REPLACE)`
- `CPYFRMSTMF FROMSTMF ('location of file/G3X5FIXPGM') TOMBR ('QSYS.LIB/G3X5TEMP.LIB/G3X5FIXPGM.FILE') MBROPT (*REPLACE)`
- Enter the following two commands only if you are downloading the tutorial files:
 - `CPYFRMSTMF FROMSTMF ('location of file/G3X5SAMP') TOMBR ('QSYS.LIB/G3X5TEMP.LIB/G3X5SAMP.FILE') MBROPT (*REPLACE)`
 - `CPYFRMSTMF FROMSTMF ('location of file/G3X5SAMPFX') TOMBR ('QSYS.LIB/G3X5TEMP.LIB/G3X5SAMPFX.FILE') MBROPT (*REPLACE)`
- Enter the following command only if you are downloading the tools library:
 - `CPYFRMSTMF FROMSTMF ('location of file/G3X5TOOL') TOMBR ('QSYS.LIB/G3X5TEMP.LIB/G3X5TOOL.FILE') MBROPT (*REPLACE)`

If you Saved to a PC Hard Drive

If you saved your files to a PC hard drive, complete the following steps:

1. From a DOS prompt, enter `ftp`.
2. Type `open` and press **Enter**.
3. After the `(to)` parameter, enter the IP address for your iSeries server.
4. Enter your iSeries user profile and password as prompted.

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5. After you are logged on, enter `binary`. If you do not enter this command, the file transfer will not be executed correctly.
6. Enter the following commands to send the files to your iSeries server (where `G3X5TEMP` is the library where your save files will reside):
 - `put c:\location\of\the\savf\QGPLG3X5 G3X5TEMP/QGPLG3X5 (replace`
 - `put c:\location\of\the\savf\G3X5DTA G3X5TEMP/G3X5DTA (replace`
 - `put c:\location\of\the\savf\G3X5PGM G3X5TEMP/G3X5PGM (replace`
 - `put c:\location\of\the\savf\G3X5FIXDTA G3X5TEMP/G3X5FIXDTA (replace`
 - `put c:\location\of\the\savf\G3X5FIXPGM G3X5TEMP/G3X5FIXPGM (replace`
 - Enter the following two commands only if you are downloading the tutorial files:
 - `put c:\location\of\the\savf\G3X5SAMP G3X5TEMP/G3X5SAMP (replace`
 - `put c:\location\of\the\savf\G3X5SAMPFX G3X5TEMP/G3X5SAMPFX (replace`
 - Enter the following command only if you are downloading the tools library:
 - `put c:\location\of\the\savf\G3X5TOOL G3X5TEMP/G3X5TOOL (replace`
7. Once completed, enter `quit` to exit your ftp session.

Additional Downloads

You may also need to access (and print) the following documents from the ESD portal, depending on which add-ons you have purchased:

- Install instructions for standards (new, old, and TRADACOMS)
- Install instructions for the extension for SAP R/3

Installation

Continue with the installation procedures described in the *Gentran:Server for iSeries Installation Guide Release 3.5*.

Download Updates from Support On Demand

After installing this product, you must obtain the latest product updates from the Support on Demand website. Go to <https://support.sterlingcommerce.com> or call customer support at 1-800-GENTRAN if you have questions about product updates.

Section B. Online Enhancements

Partner Enhancements

Introduction This section describes the partner online enhancements that are included in the Gentran:Server for iSeries Release 3.5.

Group/Tran Ack Flag Updated When the group and transaction acknowledgment flag at the interchange level is changed, a warning message is issued stating the acknowledgment flag must be reviewed to verify the Acknowledgment Specific Group/Trans flags are correct for this partner.

Outbound Envelope Support for EDIFACT Syntax 4 EDIFACT Syntax 4 fields have been added to the partner control, partner group and partner transaction screens.

Support of ANSI ST03 The new ST03 field has been added to the partner transaction screen.

Set 209 Errors The new 209 Errors field has been added to the Partner Control screen.

Miscellaneous Online Enhancements

Introduction

This section describes miscellaneous online enhancements that are included with Gentran:Server for iSeries Release 3.5.

Comm Option Added to Message Center

Added communications option to the Message Center. This will allow you to view the communications data directly from the Message Center for the items that have data associated with them. This issue was also put into point release 3.4.7 of the previous release.

New Link Added to View Acknowledgment from the Audit Record

A new option has been added that will allow you to view the acknowledgment record directly from the original document.

New Group/Tran View in Standards

Added a functional group field to the standards transaction file that allows a new group/transactional group display of the standards.

Prompting Available in Processing Commands

When you prompt on the Application ID parameter in the PRCTRNIN and PRCTRNOOUT commands, a list of available applications will be displayed. Also a list of comm. profiles will be displayed when you prompt on the comm. profile parameter for the PRCTRNIN, ADD, EXTRACT, AND GIFSGATE commands.

Command Added to Replace up to Five Characters

The RPLCHARS command was added to find and replace up to five characters in a specified file.

Added Suspense File Display

A view of the suspense file was made available for review.

Delete Confirmation Added to Standards

A delete confirmation screen was added to all online standards screens.

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**GENSYSCFG Menu
Modified**

The following modifications were made to the GENSYSCFG menu:

- Option 43. Set 209 Error Detail Option (SET209ERR) was removed.
- Option 22. Set W/W Communications Sort Option (SETCOMMSRT) was added to control the sort order for the Work with Communications (EDIX400) panel.

**GENSYS Menu
Modified**

On the Gentran:Server System Administration (GENSYS) menu, Option 7, Display Current Point Release (PTR) was added.

Mapping Enhancements

Introduction

This section describes the miscellaneous mapping enhancements that are included with Gentran:Server for iSeries Release 3.5.

Increased Literal Size

You can now map a literal value of up to 63 bytes to and from an alphanumeric field.

New Screen for Notes On Extended Mapping

A new screen has been added allowing notes to be entered for the extended mapping screen.

Online Communication Enhancements

Introduction	This section describes the online communication enhancements made to the Gentran:Server for iSeries Release 3.5.
Command to Change Communication Profile on Partner	A new command has been added that allows you to change the communication profile listed on the partner interchange record and/or group record without having to go through the entire work with panel for each partner. This issue was also put into point release 3.4.7 of the previous release.
New protocol Type 'AS2' Added to Comm Profile Setup	A new protocol type, AS2 was added for use when creating new communications profiles. This protocol can be used when communicating via AS2. This issue was also put into point release 3.4.7 of the previous release.
New protocol type 'OFT' added to Comm Profile Setup	A new protocol type, OFT was added to support communication over a TCP/IP connection with other devices that implement the ODETTE File Transfer Protocol.
New Keywords Added for FTP Comm Scripting	<p>The RMVCHAR keyword was added to the FTP protocol, which will allow specified characters to be removed from the data. The AUTORENAME keyword was added to the FTP protocol. That will allow the RENAME subcommand to be generated after each PUT subcommand.</p> <p>+BATSEQ+ and +PRFSEQ+ will insert the Batch Sequence and profile sequence number in the file name being sent.</p>
New Session Control Description Field	A new description field was added to the Communication Session Control to better identify each session control.
Can Now Remove up to Two HEX Characters on the Add and GIFSGATE Command	You can now enter up to two HEX characters to be removed from the data that is being added to the queue. When data is sent in with CRLF, you can now remove it when adding it to the queue.

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**Add Command will
Check for an Object
Lock on the File**

You now have the ability to check for an object lock on the file being added to the communications queue.

**New Options Added
to Inbound/
Outbound
Communication
Queue Screens**

An option was added to run a PRCTRNIN from the Inbound Queue Control and Work with Communications screens. Also an option was added to run a STRCOMSSN from the Outbound Queue Control screen.

**New View for
Communication
Profile Screen**

The communications profile screen is now configurable and will display only those profiles that are selected for view.

**New Input fields for
Secure FTP**

The port and data protection fields were added for the Secure FTP option.

**New Field for
Communication
Profile Screen**

The Used Most Frequently field was added so that profiles used most often will be displayed for view.

Section C. Batch Processing Enhancements

Processing Enhancements

Introduction	This section describes enhancements made to the inbound and outbound processes that are included with Gentran:Server for iSeries Release 3.5.
Element and Segment Size Increased	The segment size for both outbound and inbound have been increased to 5100 bytes per segment. The maximum element size that can be processed is now 720 bytes long. Previously, the maximum size was 264.
209 Errors Controlled at Run or Partner Level	Acknowledgment error reporting for the 209 error duplicate at run or partner level audit entry, is now controlled at the partner level. Previously, it was controlled at the system configuration level.
Removed 209 Errors Rejection at Interchange	Removed the ability to set error rejection for 209 errors at the interchange level. You still have this ability at the group/trans level.
Size Increased for Intermediate Files	The sequence number size has been increased in the intermediate files allowing for much larger batches of data to be processed at one time.
Outbound Support of EDIFACT Syntax 4	Outbound support of EDIFACT Syntax 4 enveloping has been added.
Support of ANSI ST03	Support of the ST03 enveloping has been added to the product.
Replace Characters During QUEUE	You can now find and replace up to five characters in the data during the requeue process.

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**Added Processing
Parameter to Ignore
676 and 685 Errors**

A processing parameter was added to ignore 676 and 685 errors.

**Override Sender and
Sender Qual.
Removed**

The override UserforRun: Sender ID and Sender ID qualifier has been removed from the PRCTRNOOUT command. These parameters were not previously functioning.

Purge Enhancements

Introduction This section describes purge enhancements that are included with Gentran:Server for iSeries Release 3.5.

Purge Programs Modified to All Work Consistently All of the purge programs have been modified to all work consistently.

PRGVAT to Tape or *savf You can now purge your VAT database to tape or a save file.

RTVVAT Available You can now retrieve the VAT database items that were purged to tape or a save file.

Report Enhancements

Introduction

This section describes report enhancements that are included with Gentran:Server for iSeries Release 3.5.

**Envelope
Information Added
to SLTAUD Print**

Provided an option to print the envelope information that corresponds to document that is printing.

**Note information
Added To PRTMAP**

The new Note information was added to the Print Mapping Report.

**New Group/Trans
Standards Report**

A new report was added that will list the transactions and its associated group for each version.

Impact Information

Contents		
	Overview	24
	Introduction.....	24
	Impact Sections.....	24
	Online Enhancements	25
	Online Partner Enhancements	25
	Introduction.....	25
	Group/Tran Ack. Flag Updated	25
	Outbound Support of EDIFACT Syntax 4	25
	Support of ANSI ST03	25
	Miscellaneous Online Enhancements.....	26
	Introduction.....	26
	Comm. Option Added to Message Center	26
	New Group/Tran. View in Standards	26
	Prompting Available in Processing Commands	26
	Command Added to Replace up to Five Characters.....	26
	Added Suspense File Display	26
	New Link Added to View Acknowledgment from the Audit Record.....	26
	New Screen for Notes on Extended Mapping	26
	Options Added/Changed to GENPRC Menu	27
	GENSYSCFG Menu Modified.....	27
	GENSYS Menu Modified.....	27
	Online Communication Enhancements	28
	Introduction.....	28
	Command to Change Communication Profile on Partner	28
	New protocol Type 'AS2' Added to Comm. Profile Setup.....	28
	New protocol Type 'OFT' Added to Comm Profile Setup.....	28
	New Session Control Description Field	28
	Can Now Remove up to Two Hex Characters on the Add and GIFSGATE Command.....	28
	Add Command will Check for an Object Lock on the File.....	28

New Menu Options on GENCOM	29
New Keywords Added for FTP Comm Scripting	29
New Options Added to Inbound/Outbound Comm. Queue Screens.....	29
New View for Comm. Profile Screen.....	29
Mapping Enhancements	30
Introduction	30
Increased Literal Size	30
New Screen for Notes on Extended Mapping	30
Batch Processing.....	31
Batch Processing Enhancements.....	31
Introduction	31
Element and Segment Size Increased.....	31
209 Errors Controlled at Partner Level	31
Removed Override.....	31
Removed 209 Error rejection at Interchange Level	31
Size Increase for Intermediate Files	31
Outbound Envelope Support for EDIFACT Syntax 4.....	32
Envelope Support for ANSI ST03.....	32
Replace Characters During REQUEUE	32
Added Processing Parameter to Ignore 676 and 685 Errors.....	32
Batch Communication Enhancements	33
Command to Change Communication Profile on Partner	33
Purge Enhancements	34
Purge Programs Modified to All Work Consistently	34
PRGVAT to Tape or Save File.....	34
RTVVAT Available	34
Reporting Enhancements	35
Envelope Information Added to SLTAUD Print.....	35
Note Information Added to PRTMAP	35
New Group/Trans Standards Report	35
Object Changes.....	36
Screen Changes	36
Introduction	36
All Menus	36
File Changes.....	37
Introduction	37
Files Changed	37

New Files	38
Command Changes	39
Introduction.....	39
Commands Changed.....	39
New Commands.....	43
CL Program Changes	44
Introduction.....	44
New Protocol Type 'AS2' Added to Comm Profile Setup.....	44
Removed Override Sender ID	44
Purge Programs to All Work Consistently	44
New Link Added to View Acknowledgment from the Audit Record.....	45
Can now remove up to Two HEX Characters on the Add and GIFSGATE Command	46
The Add Command Object Lock on the File.....	46
Envelope Information Added to SLTAUD Print.....	46
Size Increase for Intermediate Files	46
Added Notes to Extended Mapping.....	47
Note Information Added to PRTMAP.....	47
Command Added to Replace up to Five Characters and Replace Characters During REQUEUE	47
Added Processing Parameter to Ignore 676 and 685 Errors.....	47
New OFT Protocol Added	48
New View for Comm. Profile Screen.....	48

Overview

Introduction

This release is designed to increase your Gentran:Server functionality with minimal impact to your existing system. However, some features may impact how you configure your system and how you use the product. This chapter describes the impact of Gentran:Server for iSeries Release 3.5 on your current system.

Impact Sections

This table describes the Impact sections listed in this chapter.

Impacted Area	See...
Online processing changes	Page 25
Batch processing changes	Page 31
Object changes	Page 36

Section A. Online Enhancements

Online Partner Enhancements

Introduction This section describes the online partner enhancements that is included in Gentran:Server for iSeries Release 3.5.

Group/Tran Ack. Flag Updated When the 'Acknowledge Group or Trans' flag is toggled between 'G'roup and 'T'ransaction on the Partner Control panel (EDIX012—FMT01), it will issue a message stating that the group and transaction acknowledgment flags must be reviewed.

Outbound Support of EDIFACT Syntax 4 New Syntax 4 fields have been added to the partner control, partner group and partner transaction screens.

NOTE:

If you are currently using EDIFACT Syntax 4, you will need to download new EDIFACT standards. The new standards contain the Syntax 4 enveloping structures. You must also run an EXTSTD after you downloaded the new standards.

Support of ANSI ST03 The new ST03 field has been added to the partner transaction screen. You can now map the ST03, as a reserved word constant.

Miscellaneous Online Enhancements

Introduction	This section describes the miscellaneous online enhancements that are included with Gentran:Server for iSeries Release 3.5.
Comm. Option Added to Message Center	Added option 14=Comm Data to panel EDIX601 (Message Center Job Inquiry). This will allow you to view the communications data directly from this panel for the items that have data associated with them. This issue was also put into point release 3.4.7 of the previous release.
New Group/Tran. View in Standards	Added a functional group field to the standards transaction file allowing a new group/transactional group display of the standards.
Prompting Available in Processing Commands	When you prompt on the Application ID parameter in the PRCTRIN and PRCTRNOU commands, a list of available applications will be displayed. Also a list of comm. profiles will be displayed when you prompt on the comm. profile parameter for the PRCTRIN, ADD, EXTRACT, and GIFSGATE commands.
Command Added to Replace up to Five Characters	The RPLCHARS command was added to find and replace up to five HEX characters of data in a specified file.
Added Suspense File Display	A function key option was added to program EDIX260 (Split File Inquiry) that provides a method to view the members in the Suspense File.
New Link Added to View Acknowledgment from the Audit Record	Option 14=View Ack has been added on panels Work with Audit Group Status (EDIX252) and Work with Audit Transaction Status (EDIX253) that will allow you to view the acknowledgment record directly from the original document.
New Screen for Notes on Extended Mapping	A new screen has been added that allows notes to be entered for the extended mapping screen. By pressing F14 on screens (EDIX508—Extended Outbound Mapping and EDIX513—Extended Inbound Mapping) a new panel will be displayed that allows notes to be entered for that particular extended map.

**Options Added/
Changed to
GENPRC Menu**

The following options have been added/changed to the GENPRC menu:

- Option 10. Retrieve VAT Report Database (RTVVAT) was added.
- Option 11. Print VAT Reports (PRTVAT) was changed from Option 10.
- Option 12. TRADACOMS Standards Selective Download (DWNSTDTC) was changed from Option 11.
- Option 13. Replace Characters (RPLCHARS) was added.

**GENSYSCFG Menu
Modified**

The following options have been added/changed to the GENSYS CFG menu:

- Option 43. Set 209 Error Detail Option (SET209ERR) was removed from the GENSYS CFG menu.
- Option 22. Set W/W Communications Sort Option (SETCOMMSRT) was added to control the sort order for the Work with Communications (EDIX400) panel.

**GENSYS Menu
Modified**

Option 7, Display Current Point Release (PTR) was added to the (GENSYS) Gentran:Server Administration menu.

Online Communication Enhancements

Introduction	This section describes the online communication enhancements that are included with Gentran:Server for iSeries Release 3.5.
Command to Change Communication Profile on Partner	A new command, CHGCOMPRF has been added that allows you to change the communication profile listed on the partner interchange record and/or group record without having to go through the entire work with panel for each partner. This issue was also put into point release 3.4.7 of the previous release.
New protocol Type 'AS2' Added to Comm. Profile Setup	A new protocol type, AS2 was added for use when creating new communications profiles in program EDIX401—FMT01. This protocol can be entered when creating a communication profile that will be used when communicating via AS2. The only information required when creating an AS2 profile is the information on panel—FMT01. This issue was also put into point release 3.4.7 of the previous release.
New protocol Type 'OFT' Added to Comm Profile Setup	A new protocol type, OFT was added when creating new communications profile in program EDIX401—FMT01. This protocol can be used when creating a communication profile that requires communication over a TCP/IP connection with other devices that implement the ODETTE File Transfer Protocol.
New Session Control Description Field	A new description field was added to the Communication Session Control to better identify each session control. This field is displayed on the Work with Communications Session panel—EDIX402 FMT01 and can be modified on Communication Session Control panel—EDIX403 CTL01.
Can Now Remove up to Two Hex Characters on the Add and GIFSGATE Command	You can now enter up to two HEX characters to be removed from the data that is being added to the queue. When data is sent in with CRLF, you can now remove it when adding it to the queue. When this type of data is received into the IFS, enter *FIXED on the 'Outbound End of Line' parameter and then enter the two characters to be removed when executing the GIFSGATE command.
Add Command will Check for an Object Lock on the File	You now have the ability to check for an object lock on the file that is being added to the communications queue.

**New Menu Options
on GENCOM**

Two new functions were added to the GENCOM menu:

- Option 43—Change Partner Comm Profiles (CHGCOMPRF)
 - Option 44—Replace Characters (RPLCHARS)
-

**New Keywords
Added for FTP
Comm Scripting**

The RMVCHAR keyword was added to the FTP protocol, which will allow specified characters to be removed from the data.

The AUTORENAME keyword was added to the FTP protocol that will allow the RENAME subcommand to be generated after each PUT subcommand.

+BATSEQ+ and +PRFSEQ+ will insert the Batch Sequence and profile sequence number in the file name being sent.

**New Options Added
to Inbound/
Outbound Comm.
Queue Screens**

Two new functions were added to the Inbound/Outbound Comm. Queue Screens:

- Option 22 was added to run a PRCTRIN from the Inbound Queue Control screen (EDIX407) and from the Work with Communications screen (EDIX400).
- Option 33 was added to run a STRCOMSSN from the Outbound Queue Control screen (EDIX404).

NOTE:

Both options are available only from the Key Entry Line.

**New View for Comm.
Profile Screen**

The communications profile screen is now configurable and will only display those profiles that are selected for view. This function is controlled by a flag on the communications profile screen—Used Most Frequently flag on EDIX401 and a new 'used most freq' sort order.

Mapping Enhancements

Introduction

This section describes the miscellaneous mapping enhancements that are included with Gentran:Server for iSeries Release 3.5.

Increased Literal Size

A new field has been added to the extended mapping screens (EDIX508—Extended Outbound Mapping and EDIX513—Extended Inbound Mapping). These new extended fields are only valid for alphanumeric fields.

New Screen for Notes on Extended Mapping

A new screen has been added allowing notes to be entered for the extended mapping screen. By pressing F14 on screens (EDIX508—Extended Outbound Mapping and EDIX513—Extended Inbound Mapping) a new panel will be displayed that allows notes to be entered for that particular extended map.

Section B. Batch Processing

Batch Processing Enhancements

Introduction This section describes enhancements made to batch processing that is included with Gentran:Server for iSeries Release 3.5.

Element and Segment Size Increased The segment size for both outbound and inbound have been increased to 5100 bytes per segment. The maximum element size that can be processed is now 720 bytes long. Previously, the maximum size was 264. Your current on-line standards will be modified at the time of conversion, updating the elements to the new larger sizes. A report will be generated that lists the elements that have been modified.

NOTE:

You will need to run the EXTSTD program in order for the batch standards file to reflect these new larger sizes prior to processing. This must be done prior to performing any processing in your 3.5 system.

209 Errors Controlled at Partner Level Acknowledgment error reporting for the 209 error—duplicate at run or partner level audit entry, is now controlled at the partner level.

A new field has been added to the Partner Control panel EDIX012—FMT01 to set this at the partner level. It will default to 'N'. Previously, it was controlled at the system configuration level.

Removed Override Removed the Override User for Run—Sender ID and Sender ID Qualifier from the PRCTRNOU command. These parameters were not previously functioning.

Removed 209 Error rejection at Interchange Level Removed the ability to set error rejection for 209 errors at the interchange level. A report will be generated at conversion time listing any partners that have been modified. 209 error rejection at the group/trans level is not affected.

Size Increase for Intermediate Files The sequence number has been increased from 9 to 11 bytes in the intermediate files that allow for much larger batches of data to be processed at one time.

(Continued on next page)

Outbound Envelope Support for EDIFACT Syntax 4

Full outbound envelope support of EDIFACT Syntax 4 has been added. When the partner record is defined with syntax 4, it will use the syntax 4 structure and the new fields from the partner record.

NOTE:

If you are currently using EDIFACT Syntax 4, you will need to download new EDIFACT standards. The new standards contain the Syntax 4 enveloping structures. You must also run an EXTSTD after you downloaded the new standards.

Envelope Support for ANSI ST03

Envelope support of the ST03 has been added to the product. An ST03 field has been added to the partner transaction record and it can be used as a reserved word constant for inbound mapping.

Replace Characters During REQUEUE

You can now find and replace up to five characters in the data during the requeue process.

Added Processing Parameter to Ignore 676 and 685 Errors

A processing parameter was added to the PRCTRIN and SAPIN commands to ignore 676 and 685 errors.

Batch Communication Enhancements

**Command to
Change
Communication
Profile on Partner**

A new command, CHGCOMPRF has been added that allows you to change the communication profile listed on the partner interchange record and/or group record without having to go through the entire work with panel for each partner. This issue was also put into point release 3.4.7 of the previous release.

Purge Enhancements

**Purge Programs
Modified to All Work
Consistently**

All of the purge programs have been modified to work consistently. They all now have *DATE (Enter a to and from date to purge), *DAYS(Days to retain on file), and *ALL.

**PRGVAT to Tape or
Save File**

The PRGVAT process was modified to purge the VAT database to tape or a save file.

RTVVAT Available

The RTVVAT is now available to retrieve the VAT database that was purged to tape or save file.

Reporting Enhancements

**Envelope
Information Added
to SLTAUD Print**

A new parameter has been added that will print the envelope information that corresponds to document that is printing.

**Note Information
Added to PRTMAP**

A note (*NTE) option was added to the PRTMAP command. This option will print the new note information on the Mapping Report (EBDI083) when selected.

**New Group/Trans
Standards Report**

Report EBDI193 (GENTRAN STANDARDS GROUP/TRANSACTION REPORT) was added that will list the transactions and its associated group for each version.

Section C. Object Changes

Screen Changes

Introduction This section describes screen changes included with Gentran:Server iSeries Release 3.5.

All Menus All Gentran menus have been updated to reflect Release 3.5. This includes: GENAUD, GENCOM, GENMAIN, GENMAINS, GENMAP, GENMSG, GENPRC, GENSAP, GENSYS CFG, GENFILETRK, and GENVPT.

File Changes

Introduction This section describes new objects, deleted objects, and changes made to existing objects.

Files Changed The files listed in the following table have been changed in Gentran:Server for iSeries Release 3.5. If you have written programs using any of the files listed in this table, compare your current file descriptions to Gentran:Server for iSeries Release 3.5 file descriptions to identify specific changes. To do this, use the Display File Description (**DSPFD**) command and the Display File Field Description (**DSPFFD**) command. Please note that the files may have logical files over them that would have to be rebuilt.

File Name	Type	Description
AUDREC	PF	Added sequential cross reference number (AFDSEQ)
COMPRF	PF	Added field used in frequently used sort order (CPFUSE)
GT00PRL	LF	<ul style="list-style-type: none"> ■ Added set 209 error flag (PCT209) ■ Added UNB syntax 4 fields (UNB0103, UNB0104, UNB0203, UNB0204, UNB0303, UNB0304) ■ Added UNB syntax 4 field (UNG06) ■ Added UNB syntax 4 fields (UNH0204, UNH0206, UNH0207, UNH0501, UNH0502, UNH0503, UNH0504, UNH0601, UNH0602, UNH0603, UNH0604, UNH0701, UNH0702, UNH0703, UNH0704, ST03)
GT1500	PF	Increased seq. number from 7 to 9
GT150001	PF	Increased seq. number form 7 to 9
GT1501 thru GT1580	PF	Increased seq. number from 7 to 9
GT15IAP	PF	Increased seq. number from 7 to 9
GT15RJP	PF	Increased seq. number from 7 to 9
GT15WAP	PF	Increased seq. number from 7 to 9
GT41RJP	PF	Increased seq. number fom 7 to 9
MSGDTL	PF	Increased seq. number form 7 to 9

File Name	Type	Description
PCTREC	PF	<ul style="list-style-type: none"> ■ Added set 209 error flag (PCT209) ■ Added UNB syntax 4 fields (UNB0103, UNB0104, UNB0203, UNB0204, UNB0303, UNB0304)
PCTRECJ1	LF	<ul style="list-style-type: none"> ■ Added set 209 error flag (PCT209) ■ Added UNB syntax 4 fields (UNB0103, UNB0104, UNB0203, UNB0204, UNB0303, UNB0304)
PGRREC	PF	Added UNB syntax 4 field (UNG06)
PNRRECJ1	LF	<ul style="list-style-type: none"> ■ Added set 209 error flag (PCT209) ■ Added UNB syntax 4 fields (UNB0103, UNB0104, UNB0203, UNB0204, UNB0303, UNB0304)
PTRREC	PF	Added UNB syntax 4 fields (UNH0204, UNH0206, UNH0207, UNH0501, UNH0502, UNH0503, UNH0504, UNH0601, UNH0602, UNH0603, UNH0604, UNH0701, UNH0702, UNH0703, UNH0704, ST03)
SLTAUD	PF (PRTF)	Added printing of envelope information
STDTRN	PF	Added TTRGRP Functional Group id
TRKPER	PF	Increased seq. number from 7 to 9
TRNELE	PF	Added a field to hold the 65 byte literal (TSEMVX)

New Files

The following files listed have been added in Gentran:Sever for iSeries Release 3.5. Use the Display File Description (**DSPFD**) command and the Display File Field Description (**DSPFFD**) command to obtain the information.

File Name	Type	Description
COMCTLD	PF	Communication Control Description
AUDXREF	PF	Audit File X-ref for associated documents
TRNOTE	LF	Translation Extended Map Notes
GT83CPP	LF	Extended Notes Mapping Report Parm (PRTMAP)
STDTRNL5	LF	New logical by version, functional group, and transaction

Command Changes

Introduction This section describes the commands that have been modified in Gentran:Server for iSeries Release 3.5.

Commands Changed The commands listed in the following table have been changed in Gentran:Server for iSeries Release 3.5. If you have written programs using any of the commands listed in this table, verify that those command parameters are still valid and that all required parameters are still met.

Command	Parameter	Description
ADD	RMCHAR	Added a parameter that allows you to enter up to two HEX values to be removed from the data.
	HEX1	First HEX value to be removed from the data.
	HEX2	Second HEX value to be removed from the data.
	LOCK	Added a new parameter that will check for an object lock on the file that is to be added to the comm queue.
GIFSGATE	RMCHAR	Added a parameter that allows you to enter up to two HEX values to be removed from the data.
	HEX1	First HEX value to be removed from the data.
	HEX2	Second HEX value to be removed from the data.
	SA	Added an Include SA status parameter that picks up outbound data with an 'SA' status when selected. The default is *NO.
PRCTRIN	EMPTYEDI	Report Empty EDI Input Files?
PRCTRNOUT	SEND	Removed the parameter Override User for Run: Sender ID and Sender Qualifier

PRGALL	DATE	Modified to allow *DATE, *DAYS, *ALL values. Removed *CURRENT option.
	XFROM	Added "from date" field when *DATE is selected for the DATE parameter.
	XTO	Added "to date" field when *DATE is selected for the DATE parameter.
PRGAUD	CRIT	Added *ALL.
	XFROM	Added "from date" field when *DATE is selected for the CRIT parameter. This replaces DATSEL.
	XTO	Added "to date" field when *DATE is selected for the CRIT parameter. This replaces DATSEL.
PRGCHF	DATE	Removed *CURRENT option and added *DATE range selection.
	XFROM	Added "From Date" field when *DATE is selected for the DATE parameter.
	XTO	Added "To Date" field when *DATE is selected for the Date parameter.
PRGFILETRK	DATE	Removed *CURRENT option and added *DATE range selection.
	XFROM	Added "From Date" field when *DATE is selected for the DATE parameter.
	XTO	Added "To Date" field when *DATE is selected for the Date parameter.
PRGIBQ	DATE	Removed *CURRENT option and added *DATE range selection.
	XFROM	Added "From Date" field when *DATE is selected for the DATE parameter.
	XTO	Added "To Date" field when *DATE is selected for the DATE parameter.
PRGMSGCTR	DATE	Removed *CURRENT option and added *DATE range selection.
	XFROM	Added "From Date" field when *DATE is selected for the DATE parameter.
	XTO	Added "To Date" field when *DATE is selected for the DATE parameter.

PRGALL	DATE	Modified to allow *DATE, *DAYS, *ALL values. Removed *CURRENT option.
	XFROM	Added "from date" field when *DATE is selected for the DATE parameter.
	XTO	Added "to date" field when *DATE is selected for the DATE parameter.
PRGAUD	CRIT	Added *ALL.
	XFROM	Added "from date" field when *DATE is selected for the CRIT parameter. This replaces DATSEL.
	XTO	Added "to date" field when *DATE is selected for the CRIT parameter. This replaces DATSEL.
PRGCHF	DATE	Removed *CURRENT option and added *DATE range selection.
	XFROM	Added "From Date" field when *DATE is selected for the DATE parameter.
	XTO	Added "To Date" field when *DATE is selected for the Date parameter.
PRGFILETRK	DATE	Removed *CURRENT option and added *DATE range selection.
	XFROM	Added "From Date" field when *DATE is selected for the DATE parameter.
	XTO	Added "To Date" field when *DATE is selected for the Date parameter.
PRGIBQ	DATE	Removed *CURRENT option and added *DATE range selection.
	XFROM	Added "From Date" field when *DATE is selected for the DATE parameter.
	XTO	Added "To Date" field when *DATE is selected for the DATE parameter.
PRGMSGCTR	DATE	Removed *CURRENT option and added *DATE range selection.
	XFROM	Added "From Date" field when *DATE is selected for the DATE parameter.
	XTO	Added "To Date" field when *DATE is selected for the DATE parameter.

PRGNET	DATE	Removed *CURRENT option and added *DATE range selection.
	XFROM	Added "From Date" field when *DATE is selected for the DATE parameter.
	XTO	Added "To Date" field when *DATE is selected for the DATE parameter.
PRGOBQ	DATE	Removed *CURRENT option and added *DATE range selection.
	XFROM	Added "From Date" field when *DATE is selected for the DATE parameter.
	XTO	Added "To Date" field when *DATE is selected for the DATE parameter.
PRGSCH	DATE	Removed *CURRENT option and added *DATE range selection.
	XFROM	Added "From Date" field when *DATE is selected for the DATE parameter.
	XTO	Added "To Date" field when *DATE is selected for the DATE parameter.
PRGVAT	DATE	Removed *CURRENT option and added *DATE range selection.
	XFROM	Added "From Date" field when *DATE is selected for the DATE parameter.
	XTO	Added "To Date" field when *DATE is selected for the DATE parameter.
	PRGTAP	Method to purge the VAT database
	DEVICE	Tape drive if purging to tape
	INZTAP	Initialize tape parameter if purging to tape
	NEWVOL	Volume ID of purging to tape
	DENSITY	Density of tape
	ENDOPT	End of tape option
	SEQNBR	Sequence number for tape
	SAVFILE	Save file to purge to
	SAVLIB	Library where save file resides
PRGVPT	DOCDATE	Removed *CURRENT option and added *DATE and *ALL option.
	XFROM	Added "From Date" field when *DATE is selected for the DATE parameter.
	XTO	Added "To Date" field when *DATE is selected for the DATE parameter.

REQUEUE	HEXREPL	Replace Hex Characters?
	FINDHEX	Find HEX Characters
	REPLHEX	Replace HEX Characters with
SAPIN	EMPTYEDI	Report Empty EDI Input Files?
SLTAUD	PRTENVP	Added "Print Envelope Info?". The default is *NO.

New Commands

The following commands were added to Gentran:Server for iSeries Release 3.5.

Command	Description	Subsystem
CHGCOMPRF	Change Partner Comm Profiles	PARTNER
RTVVAT	Retrieve VAT report database	PROCESS
RPLCHARS	Find and Replace Characters	PROCESS
PTR	Display current point release	SYSTEM
PRTGRPTRN	Print Group/Transaction Directory	STANDARD
SETCOMMSRT	Set W/W Communications Sort	SYSTEM

CL Program Changes

Introduction

Changes to CL programs are grouped into enhancements to make it easier to describe the changes. To identify the specific code that changed for impacts to your environment, you can use the command **RTVCLSRC** to obtain the new source for the Gentran:Server for iSeries Release 3.5 version of these CL programs.

New Protocol Type 'AS2' Added to Comm Profile Setup

A new protocol type, AS2 was added for use when creating new communications profiles. This protocol can be used when communicating via AS2.

CL Name	Description
STRCOMCLV	Start Communications session CL Validity

Removed Override Sender ID

Removed the Override User for Run—Sender ID and Sender Qualifier from the PRCTRNOU command.

CL Name	Description
PRCOUTCL	CPP PRCTRNOU Process EDI Transactions Outbound
PRCOUTCLV	Process EDI Transactions Outbound Validity
SAPOUT2	Process Outbound SAP IDOC file Gentran portion

Purge Programs to All Work Consistently

All of the purge programs have been modified to work consistently. They all now have *DATE (Enter a to and from date to purge), *DAYS(Days to retain on file), and *ALL.

CL Name	Description
EDCLVAT4	Purge VAT database CL
PRGALLCL	Purge All Communication Files
PRGALLCL2	Purge All Communication Files
PRGCHFCL	Purge comm history file cmd
PRGCHFCLV	Purge comm history file cmd Validity Check
PRGCHFCL2	Purge comm history file cmd
PRGFILETRK	Purge Gentran File Tracking
PRGFILETRV	Purge Gentran File Tracking Validity

CL Name	Description
PRGFILETR2	Purge Gentran File Tracking
PRGIBQCL	Purge Inbound Queue File Submitter
PRGIBQCLV	Purge Inbound Queue File Validity
PRGIBQCL2	Purge Inbound Queue File
PRGMSGCTR	Purge Message Center File Submitter
PRGMSGCTRV	Purge Message Center File Validity
PRGMSGCTR2	Purge Message Center File
PRGNETCL	Purge Network Reconciliation File Submitter
PRGNETCLV	Purge Network Reconciliation File Validity
PRGNETCL2	Purge Network Reconciliation File
PRGOBQCL	Purge Outbound Queue File Submitter
PRGOBQCLV	Purge Outbound Queue File Validity
PRGOBQCL2	Purge Outbound Queue File
PRGSCHCL	Purge Job Schedule File
PRGSCHCLV	Purge Job Schedule File Validity
PRGSCHCL2	Purge Job Schedule File
PRGVATCL	Purge Gentran VAT database
PRGVATCLV	Purge Gentran VAT database Validity
PRGVPTCL	Purge Viewpoint Hist File Cmd Proc
PRGVPTCLV	Purge Viewpoint Hist File Validity
PRGVPTCL2	Purge Viewpoint Hist File Job Stream

**New Link Added to
View
Acknowledgment
from the Audit
Record**

A new option has been added that will allow you to view the acknowledgment record directly from the original document.

CL Name	Description
AUDITPURG2	Automatic Audit Purge AUDITPURG2
CNVTAUDCL	Convert AUDREC file to 3.5
EDCL109	Purge Audit File Job Stream
GENAUDSEQ	Get next audit sequence number for cross reference
RTVAUDCL2	Retrieve Audit File

Can now remove up to Two HEX Characters on the Add and GIFSGATE Command

You can now enter up to two HEX characters to be removed from the data that is being added to the queue.

CL Name	Description
ADDCL	ADD CPP to Queue file to Inb/Out Queue
ADDCLV	ADD Validity Checker to Queue to In/Out que
GIFSGATE	Gentran IFS Gateway - CPP
GIFSGATEV	Gentran IFS Gateway - Validity Checker
GIFSGATE2	Gentran IFS Gateway - Main Loop
GIFSIN	Gentran IFS Gateway - Inbound Process
STCL067	ADD user file to INBOUND que/call EBDI067

The Add Command Object Lock on the File

You now have the ability to check for an object lock on the file that is being added to the communications queue.

CL Name	Description
ADDCL	ADD CPP to Queue file to Inb/Out Queue
ADDCLV	ADD Validity Checker to Queue to In/Out que
STCL060	ADD user file to OUTBOUND que/call EBDI060
STCL067	ADD user file to INBOUND que/call EBDI067

Envelope Information Added to SLTAUD Print

Provided an option to print the envelope information that corresponds to document that is printing.

CL Name	Description
EDCL259	sltaud Report
EDCL259B	Submit Batch report using SLTAUD cmd
SLTAUDCL	Use SQL & OPNQRYF to Select Audit or Audit/Comm
SLTAUDCLV	Validate SLTAUD command

Size Increase for Intermediate Files

The sequence number has been increased from 9 to 11 bytes in the intermediate files allowing for much larger batches of data to be processed at one time.

CL Name	Description
EDCL008	Process Inbound Job Stream

CL Name	Description
SEGNUMCL	Store Segment Number from EBDI001 to data area

Added Notes to Extended Mapping

Added a new screen that allows for notes to be added to extended mapping fields..

CL Name	Description
DLTORPHCL	Delete orphaned records in comm and audit files
EDCL080	Copy Translation Map Definition
TRNCPYCLV	Copy Transaction Id Cmd Cl Validity Checker

Note Information Added to PRTMAP

A note (*NTE) option was added to the PRTMAP command. This option will print the new note information on the Mapping Report (EBDI083) when selected.

CL Name	Description
EDCL183	Print Extended Notes Report from PRTMAP
PRTMAPCL	Print Mapping Reports CL

Command Added to Replace up to Five Characters and Replace Characters During REQUEUE

The RPLCHARS command was added to find and replace up to five characters in a specified file. It can also be used during the REQUEUE process.

CL Name	Description
REQUEUE	Re-queue EDI Data from Audit CPP
REQUEUECL	Re-queue EDI Data from Audit
REQUEUEV	Re-queue EDI Data Validity Checker

Added Processing Parameter to Ignore 676 and 685 Errors

A processing parameter was added to the PRCTRIN and SAPIN commands to ignore 676 and 685 errors.

CL Name	Description
EDCL008	Process Inbound Job Stream
EDCL031	Inbound Mapping Sequence
PRCINCL	CPP PRCTRIN Process EDI Transactions Inbound
PRCINCLV	Process EDI Transactions Inbound Validity
SAPIN	Process Inbound SAP IDOC file
SAPINV	Process Inbound SAP IDOC file Validity

New OFT Protocol Added

A new protocol was added to perform communication over a TCP/IP connection with other devices that implement the ODETTE File Transfer Protocol. .

CL Name	Description
EDCL009	Start Communications Session Job Stream
EDCL009T	Start Communications Session Job Stream+Traces
EDCL009T1	Start ICF and Comm traces for EDCL009
EDCL009T2	End ICF and Comm traces for EDCL009

New View for Comm. Profile Screen

The communications profile screen is now configurable and will only display those profiles that are selected for view..

CL Name	Description
ADDCLV	ADD Validity Checker to Queue to In/Out que
CHGDUPCL	Change the DUPLEX setting in the Line Description
CHGNRZICL	Change the NRZI setting in the Line Description
CHGNRZICLV	Change the NRZI setting in the Line Description
CHGPHNMCLV	Change The Controller Phone Number
CHGPHNUMCL	Change The Controller Phone Number
EDCL009	Start Communications Session Job Stream
EDCL009T	Start Communications Session Job Stream+Traces
EDCL012	Configurator
EDCL012ASC	Configurator for ASC Protocol / (ASYNC)
EDCL012L62	Configurator for LU62 Protocol
EDCL012XAS	Configurator for XAS Protocol / (ASYNC/X.25)
EDCL012X62	Configurator for X62 Protocol/ (LU62 VIA X.25)
ENDCOMCL2	End Communications Session Job Stream
ENDCOMCL4	End Communications Session Job Stream
EXTRACTCLV	Extract data/call STCL063/STCL068 validity
SETCOMMSRT	CL Program For SETCOMMSRT
SETCOMMSRV	Validity Checker For SETCOMMSRT
SETCOMMSR1	CL to show current setting of Communications Sort