

Gentran:Server<sup>®</sup> for iSeries<sup>®</sup>  
Communications Module

# Release Notes and Impact Information

Release 3.4

***Sterling Commerce***  
*An IBM Company*

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# Release Notes

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## Introduction

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**In this Chapter** This chapter details the features and enhancements included in Gentran:Server for iSeries Release 3.4.

**Reference**

See “Impact Information” in Chapter 2 of this document for information on how this release may impact your Gentran:Server® Release 3.1, 3.2, or 3.3 system.

**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 3.4 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 3.4.**

**Upgrading from Release 3.1, 3.2, or 3.3** 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 both sets of 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...
Documentation	page 4
Online	page 10

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## Section A. Product Delivery Changes

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### Product delivery

The Gentran:Server for iSeries Communications Module Release 3.4 product is provided on either CD-ROM or on the Electronic Software Distribution (ESD) portal:

- If you received a CD-ROM, follow the Install from CD-ROM instructions.
- If you are using the ESD portal, follow the Install from ESD Portal instructions.

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

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### User documentation delivery changes for Release 3.4

All user documentation is provided on a CD-ROM, on the ESD portal, and on the Support On Demand website. Paper copies are no longer provided.

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## Install Gentran:Server for iSeries Communications Module Release 3.4 from CD-ROM

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**Install documentation from CD-ROM**

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If you are installing Gentran:Server for iSeries Communications Module Release 3.4 from CD-ROM, insert the documentation CD-ROM and follow the instructions to install the manuals on your system. Next, open and print the *Gentran:Server for iSeries Communications Module Release 3.4 Installation Guide*.

**Install product from CD-ROM**

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Follow the instructions in the *Gentran:Server for iSeries Communications Module Release 3.4 Installation Guide* using the product CD-ROMs.

**Product Updates**

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

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## Install Gentran:Server for iSeries Communications Module Release 3.4 from the ESD Portal

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### 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 are required:

- Approximately 100 MB (total) free space on your PC Hard drive for both the zipped (30 MB) and unzipped (70 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.

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### Download documentation .zip file from the ESD portal

To download the documentation from the ESD portal:

1. Find Gentran:Server for iSeries Release 3.4 documentation and click **Download**.
2. In the File Download dialog box, click **Save**.
3. When the Save As dialog box opens, save the GSi34DocCD.zip file to the C:\ drive.

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### Unzip the documentation .zip file.

Unzip the GSi34DocCD.zip file into a Release 3.4 documentation folder. You should have the following documents:

- *Gentran:Server for iSeries Release Notes and Impact Information Release 3.4*
- *Gentran:Server for iSeries Installation Guide Release 3.4*
- *Gentran:Server for iSeries Cumulative Fix Installation Guide Release 3.4*
- *Gentran:Server for iSeries Communications Guide Release 3.4*
- *Gentran:Server for iSeries Manager's Implementation Planner Release 3.4*
- *Gentran:Server for iSeries Technical Reference Guide Release 3.4*
- *Gentran:Server for iSeries User Guide Release 3.4*
- *Gentran:Viewpoint for iSeries for Gentran:Server Release 3.4*
- *EDI Complete, ANSI X12 Tutorial Guide for Gentran:Server for iSeries Release 3.4*
- *EDI Complete, EDIFACT Tutorial Guide for Gentran:Server for iSeries Release 3.4*
- *Gentran:Server for iSeries Communications Module Release Notes and Impact Information Release 3.4 (this document)*

- *Gentran:Server for iSeries Communications Module Installation Guide Release 3.4*
- *Gentran:Server for iSeries Communications Module User Guide Release 3.4*
- *Gentran:Server for iSeries Extension for SAP R/3 Release 3.4*
- *Gentran:Server for iSeries Release 3.4 Standards Installation*
- *Gentran:Server for iSeries Release 3.4 Standards Installation for Tradacoms*

You will need to print the *Gentran:Server for iSeries Communications Module Installation Guide Release 3.4* before continuing with the installation.

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### Download the product .zip file from the ESD portal

To download the GSi34CommCD.zip file from the ESD portal:

1. Find Gentran:Server for iSeries Communications Module Release 3.4 product and click **Download**.
  2. In the File Download dialog box, click **Save**.
  3. When the Save As dialog box opens, save the GSi34CommCD.zip file to the C:\ drive.
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### Files contained in the .zip file

Unzip the GSi34CommCD.zip file. You should have the following files:

- G34COM
  - G34DTA
  - G34FIXDTA
  - G34PGM
  - G34FIXGPM
  - G3X4TOOL
  - QGPLCOM34
- 

### Create save files

For each item that you plan to install, create a save file on your iSeries. Use the following commands, where **G34TEMP** is the library where your save files will reside:

- **CRTSAVF FILE (G34TEMP/G34DTA)**
  - **CRTSAVF FILE (G34TEMP/G34PGM)**
  - **CRTSAVF FILE (G34TEMP/G34FIXDTA)**
  - **CRTSAVF FILE (G34TEMP/G34FIXPGM)**
  - **CRTSAVF FILE (G34TEMP/G34COM)**
  - **CRTSAVF FILE (G34TEMP/G3X4TOOL)**
  - **CRTSAVF FILE (G34TEMP/QGPL)**
-

**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 **G34TEMP** is the library where your save files will reside):

- `CPYFRMSTMF FROMSTMF ('location of file/QGPLCOM34') TOMBR ('QSYS.LIB/G34TEMP.LIB/QGPL.FILE') MBROPT (*REPLACE)`
- `CPYFRMSTMF FROMSTMF ('location of file/G34DTA') TOMBR ('QSYS.LIB/G34TEMP.LIB/G34DTA.FILE') MBROPT (*REPLACE)`
- `CPYFRMSTMF FROMSTMF ('location of file/G34PGM') TOMBR ('QSYS.LIB/G34TEMP.LIB/G34PGM.FILE') MBROPT (*REPLACE)`
- `CPYFRMSTMF FROMSTMF ('location of file/G34FIXDTA') TOMBR ('QSYS.LIB/G34TEMP.LIB/G34FIXDTA.FILE') MBROPT (*REPLACE)`
- `CPYFRMSTMF FROMSTMF ('location of file/G34FIXPGM') TOMBR ('QSYS.LIB/G34TEMP.LIB/G34FIXPGM.FILE') MBROPT (*REPLACE)`
- `CPYFRMSTMF FROMSTMF ('location of file/G34COM') TOMBR ('QSYS.LIB/G34TEMP.LIB/G34COM.FILE') MBROPT (*REPLACE)`
- Enter the following command only if you are downloading the tools library:  
`CPYFRMSTMF FROMSTMF ('location of file/G3X4TOOL') TOMBR ('QSYS.LIB/G34TEMP.LIB/G3X4TOOL.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.
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 **G34TEMP** is the library where your save files will reside):
  - `put c:\location\of\the\savf\QGPLCOM34 G34TEMP/QGPL`
  - `put c:\location\of\the\savf\G34DTA G34TEMP/G34DTA`
  - `put c:\location\of\the\savf\G34PGM G34TEMP/G34PGM`
  - `put c:\location\of\the\savf\G34FIXDTA G34TEMP/G34FIXDTA`
  - `put c:\location\of\the\savf\G34FIXPGM G34TEMP/G34FIXPGM`
  - `put c:\location\of\the\savf\G34COM G34TEMP/G34COM`
  - Enter the following command only if you are downloading the tools library:  
`put c:\location\of\the\savf\G3X4TOOL G34TEMP/G3X4TOOL`
7. Once completed, enter `quit` to exit your ftp session.

**Installation**

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Continue with the installation procedures described in the *Gentran:Server for iSeries Communications Module Installation Guide Release 3.4*.

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**Download updates  
from Support On  
Demand**

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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.

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## Section B. Online Enhancements

### Gentran File Tracking

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**Introduction** This section describes the new Gentran File Tracking subsystem that is included in the Gentran:Server for iSeries Release 3.4.

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**Gentran File Tracking subsystem** A new subsystem has been added to allow changes made to any Gentran system file to be tracked. This is configurable by subsystem and will write an entry into the File Tracking system when a file modification has been made.

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## Miscellaneous Online Enhancements

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**Introduction** This section describes miscellaneous online enhancements that are included with Gentran:Server for iSeries Release 3.4.

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**Print option added for Environment Control** A new print option has been added to print environmental control information for a specific user from the Work with Environment Control screen.

---

**Start time added to Job Schedule Work With panel** On the Job Scheduler Work With panel, the description column has been replaced with the start time.

---

**Save file option added to download commands** A save file option has been added to commands that currently download data from a CD-ROM.

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## Communication Enhancements

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### **Introduction**

This section describes communications enhancements made to the Gentran:Server for iSeries Release 3.4.

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### **Include additional status for GIFSGATE and GENIBQIFS**

'RA' status items can now be included in the GENIBQIFS command and 'SA' status items can now be included in the GIFSGATE command.

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### **Added copy option to Communication Session Control panel**

A copy option was added to copy an individual session script.

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### **New LOCK parameter for the EXTRACT command**

The EXTRACT command will now put an exclusive lock on the file where the data is being written to, when \*YES is selected for the LOCK parameter.

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## Report Enhancements

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### **Introduction**

This section describes report enhancements that are included with Gentran:Server for iSeries Release 3.4.

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### **PRTENV command added to print user Environment Control**

A new command, PRTENV, was added to print user environmental control information.

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# Impact Information

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## Introduction

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### Overview

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 3.4 on your current system.

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### Impact Sections

This table describes the Impact sections listed in the chapter.

Impacted Area	See...
Screen Changes	page 17
Object Changes	page 21

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## Section A. Online Processing

### Introduction

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**Overview** This section describes screen changes included with Gentran:Server for iSeries Release 3.4.

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**All Menus** All Gentran menus have been updated to reflect Release 3.4. This includes GENCOM and GENMAIN.

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**Print option added for Environment Control** Option 6—print has been added to the Work with Environment Control program (EDIX200) to print the user's environmental control information.

---

**Start time added to Job Schedule Work With panel** On the Job Scheduler Work With panel (EDIX412), the description column has been replaced with the start time.

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**Save file option added to download commands** A save file option has been added to the COMINST34 and DWNT00L commands.

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## Gentran File Tracking

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### Introduction

This section describes the new Gentran File Tracking subsystem that is included in Gentran:Server for iSeries Release 3.4.

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### Gentran File Tracking subsystem

The Gentran File Tracking system allows you to track any modifications that are made to any Gentran system files. It is configurable and can track any and all subsystems in the Gentran system.

To access the Gentran File Tracking subsystem, select option 13—Gentran File Tracking Menu from the GENMAIN menu or enter GO GENFILETRK. The new GENFILETRK menu provides access to the Gentran File Tracking Work with panel, Gentran File Tracking Configuration panel, and the print, purge, and retrieve functions of the Gentran File Tracking system.

The Gentran File Tracking system will log an entry in the database for any changes made to the Gentran files that are marked to be monitored. The Configuration panel allows you to determine which subsystems, if any, are to be tracked.

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## Communication Enhancements

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**Introduction** This section describes communications enhancements made to the Gentran:Server for iSeries Release 3.4.

---

**Include additional status for GIFSGATE and GENIBQIFS** A new parameter was added to the GENIBQIFS command that will include items from the inbound queue with an 'RA' status. A new parameter was added to the GIFSGATE command that will include items from the outbound queue with an 'SA' status.

---

**Changed copy option to Communication Session Control panel** Option 3 was changed to copy an individual session script in program EDIX403 (Communication Session Control panel) instead of the entire script. To copy the entire script, use option 3 from program EDIX402 (Work with Communications Session).

---

**New LOCK parameter for the EXTRACT command** A new parameter was added to the EXTRACT command that will perform an exclusive lock on the file where the data is being written to. The parameter will default to \*NO, which will not lock the file. A \*YES response will lock the file until the EXTRACT command has completed.

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## Report Enhancements

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**Introduction**

This section describes report enhancements that are included with Gentran:Server for iSeries Release 3.4.

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**PRTENV command  
added to print user  
Environment  
Control**

A new command, PRTENV, was added to print user environmental control information.

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## Section B. Object Changes

### Command Changes

**Overview** This section describes the commands that have been modified in Gentran:Server for iSeries Release 3.4.

**Commands Changed** The commands listed in the following table have been changed in Gentran:Server for iSeries Release 3.4. 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
GENIBQIFS	RA	Added an Include RA status parameter that will now include communication batch items with an 'RA' status if selected. The default is *NO.
GIFSGATE	SA	Added an Include SA status parameter that will now include communication batch items with an 'SA' status if selected. The default is *NO.
EXTRACT	LOCK	Added a lock parameter that will apply an exclusive lock to the file that is being written to. The default is *NO.

**New Commands** The following commands were added to Gentran:Server for iSeries Release 3.4.

Command	Description	Subsystem
PRTEENV	Print Environment Control	ENVIRMNT

## CL Program Changes

### Overview

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 3.4 version of these CL programs.

### Allocating for the EXTRACT command

The EXTRACT command will now put an exclusive lock on the file where the data is being written to when \*YES is selected for the LOCK parameter. No program will be able to access the file until the EXTRACT has completed.

CL Name	Description
EXTRACTCL	Extract data/call STCL063/STCL068
EXTRACTCLV	Extract data/call STCL063/STCL068 validity
STCL063	EXTRACT from INBque; call EBDI063F/63L
STCL068	EXTRACT From OUTque; call EBDI068F/68L

### Including additional status for GIFSGATE and GENIBQIFS

'RA' status items can now be included in the GENIBQIFS command and 'SA' status items can now be included in the GIFSGATE command.

CL Name	Description
GENIBQIFS	Gentran IBQ to IFS Gateway – CPP
GENIBQIFSV	Gentran IBQ to IFS Gateway - Validity Checker
GENIBQIFS2	Gentran IBQ to IFS Gateway - Main Loop
GENIBQIFS3	Prompt GENIBQIFS command from w/w EDIX407
GENIBQIN	Gentran IBQ to IFS Gateway - Main Process
GIFSGATE	Gentran IFS Gateway – CPP
GIFSGATEV	Gentran IFS Gateway - Validity Checker
GIFSGATE2	Gentran IFS Gateway - Main Loop
GIFSGATE3	Prompt GIFSGATE command from work with pgm
GIFSOUT	Gentran IFS Gateway - Outbound Process