Gentran® for zSeries

Release Notes and Impact Information

Release 6.5

for

Gentran:Basic
Gentran:Control
Gentran:Plus
Gentran:Realtime
Gentran:Structure
Gentran:Viewpoint

Sterling Commerce

An IBM Company

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Chapter

1 Introduction

Overview

This document contains the following topics:

Purpose of this Document

The purpose of this document is to provide information about the features and enhancements included in the Gentran for zSeries Release 6.5 family of products.

About this Document

Although the intent of this document is to provide information for current Gentran customers who are upgrading to Release 6.5, we recommend that new customers read this document as well.

The document is organized with the release notes and impact information for each Gentran product in a separate chapter.

Assumptions

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

Release Scope

The release scope is a culmination of input from our product management team, working closely with you, our customers, and the product development team. Gentran for zSeries Release 6.5 continues a long tradition of providing functionality that our customers have requested.

Sterling Commerce is proud to release Gentran for zSeries Release 6.5 family of products to our customers in the electronic commerce community. We appreciate the support, and look forward to continued communication in the future.

Product Delivery

Introduction

All of the Gentran for zSeries Release 6.5 products are 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 Sterling Commerce Customer Center website at: http://customer.sterlingcommerce.com.

Install from CD-ROM

Install Documentation from CD-ROM

> **Note:** You will need Adobe Reader to open the documentation files. If you do not have it, you can download it for free from the Adobe website.
>
> You may have already installed the documentation on your system when you installed another Gentran product.

1. Insert the documentation CD-ROM and put the files into a Release 6.5 documentation folder. You should have the following documents in pdf format:

    *   *Gentran for zSeries Release 6.5 Release Notes and Impact Information* (this document)
    *   *Gentran:Basic for zSeries Release 6.5 Installation Guide*
    *   *Gentran:Basic for zSeries Release 6.5 System Messages Guide*
    *   *Gentran:Basic for zSeries Release 6.5 Technical Reference Guide*
    *   *Gentran:Basic for zSeries Release 6.5 User's Guide*
    *   *Gentran:Control for zSeries Release 6.5 Installation Guide*
    *   *Gentran:Control for zSeries Release 6.5 User's Guide*
    *   *Gentran:Plus for zSeries Release 6.5 Installation Guide*
    *   *Gentran:Plus for zSeries Release 6.5 User's Guide*
    *   *Gentran:Realtime for zSeries Release 6.5 Installation Guide*
    *   *Gentran:Realtime for zSeries Release 6.5 Technical Reference Guide*
    *   *Gentran:Realtime for zSeries Release 6.5 User's Guide*
    *   *Gentran:Structure for zSeries Release 6.5 Installation Guide*
    *   *Gentran:Structure for zSeries Release 6.5 User's Guide*
    *   *Gentran:Viewpoint for zSeries Release 6.5 Installation Guide*
    *   *Gentran:Viewpoint for zSeries Release 6.5 Technical Reference Guide*
    *   *Gentran:Viewpoint for zSeries Release 6.5 User's Guide*

2. Open and print the *Installation Guide* for the product you are installing.

Install the Product from CD-ROM

Follow the instructions in the *Installation Guide*, using the product CD-ROM and the standards CD-ROM (if applicable).

Install from the ESD Portal

Use the following procedures to download the product, standards, and documentation from the ESD Portal to your PC.

Download the Product File

1.   Find the Release 6.5 product you are installing and click **Download**.

2.   In the File Download dialog box, click **Save**.

3.   When the Save As dialog box opens, specify the location to save the file or save the file to your desktop. The file names associated with each product are:

   - Basic_6.5.00_Package.zip for Gentran:Basic
   - Control_6.5.00_Package.zip for Gentran:Control
   - Plus_6.5.00_Package.zip for Gentran:Plus
   - Realtime_6.5.00_Package.zip for Gentran:Realtime
   - Structure_6.5.00_Package.zip for Gentran:Structure
   - Viewpoint_6.5.00_Package.zip for Gentran:Viewpoint

Download the Standards File

> **Note:**   You may have already downloaded the Standards file when you downloaded another Gentran product.

> **Note:**   The Standards file is only required when installing Gentran:Basic and Gentran:Realtime.

1.   Find **Gentran:Basic Standards** and click **Download**.

2.   In the File Download dialog box, click **Save**.

3.   When the Save As dialog box opens, specify the location to save the file or save the file to your desktop. The filename is:

   BasicStds.PkgMMYY.zip

   where MMYY corresponds to the month and year that the file was created.

Download the Documentation File

> **Note:**   You may have already downloaded the documentation when you downloaded another Gentran product.

1.   Find **Gentran for zSeries Release 6.5 Documentation** and click **Download**.

2.   In the File Download dialog box, click **Save**.

3.   When the Save As dialog box opens, specify the location to save the file or save the file to your desktop. The filename is:

   Gentran_6.5_ Documentation.zip

After you have downloaded the Product, Standards, and Documentation files, you may log out of the ESD Portal.

Unzip the Documentation

> **Note:** You will need Adobe Reader to open the documentation files. If you do not have it, you can download it for free from the Adobe website.

1.	Unzip the Gentran_Release 6.5_ Documentation.zip file and put the files into a Release 6.5 documentation folder. You should have the following documents in pdf format:

- *Gentran for zSeries Release 6.5 Release Notes and Impact Information* (this document)
- *Gentran:Basic for zSeries Release 6.5 Installation Guide*
- *Gentran:Basic for zSeries Release 6.5 System Messages Guide*
- *Gentran:Basic for zSeries Release 6.5 Technical Reference Guide*
- *Gentran:Basic for zSeries Release 6.5 User's Guide*
- *Gentran:Control for zSeries Release 6.5 Installation Guide*
- *Gentran:Control for zSeries Release 6.5 User's Guide*
- *Gentran:Plus for zSeries Release 6.5 Installation Guide*
- *Gentran:Plus for zSeries Release 6.5 User's Guide*
- *Gentran:Realtime for zSeries Release 6.5 Installation Guide*
- *Gentran:Realtime for zSeries Release 6.5 Technical Reference Guide*
- *Gentran:Realtime for zSeries Release 6.5 User's Guide*
- *Gentran:Structure for zSeries Release 6.5 Installation Guide*
- *Gentran:Structure for zSeries Release 6.5 User's Guide*
- *Gentran:Viewpoint for zSeries Release 6.5 Installation Guide*
- *Gentran:Viewpoint for zSeries Release 6.5 Technical Reference Guide*
- *Gentran:Viewpoint for zSeries Release 6.5 User's Guide*

2.	Open and print the *Installation Guide* for the product you are installing.

Upgrading from Gentran:Basic 6.3

If you are upgrading from Release 6.3 to Release 6.5, you should also download the Release Notes for the intervening releases from the Sterling Commerce Customer Center. This documentation will introduce you to the features that have been added since you installed your product.

Install Release 6.5 Product

Follow the instructions in the *Installation Guide* for the product you are installing, using the downloaded product and standards files.

Chapter

2

Gentran:Basic Release Notes and Impact Information

Overview

This chapter contains release notes and impact information for Gentran:Basic for zSeries Release 6.5, including the following topics:

Release Notes

Late Release 6.4 Changes

New parameter to limit the processing time for EDID301

It is critical to processing performance to run periodic housekeeping on the Inbound EDI databanks. The processing windows to perform maintenance can be small and the housekeeping process (EDID301) can run for many hours if the IEA Databank contains extremely large number of duplicate interchanges. A new parameter PROCESSING-TIME-LIMIT was added to allow user's to control the number of hours that the EDID301 program runs in Housekeeping mode. This will allow users to control the processing time so it will fall within their maintenance window time-frames.

Extract all application data from Inbound Application databank in same run

A specific application data ID was required input to the Inbound Application databank extract program. This could result in having to run EDID405 many times to extract all of the desired data. EDID405 was modified to allow "ALL" to be used as a wildcard for APPLICATION-DATA-ID. Using ALL will select any application data ID that matches the rest of the selection criteria.

Ease of Use improvement for Extended mapping element inbound EDIX513

When transferring to EDIM513 from the EDIM504 mapping segment screen, EDIM513 gets an error message "transaction element does not exist". This required the user to enter a repeat number of 1 and press enter to display the information. EDIM513 was modified to use a default value of 1 for the repeat number.

General Enhancements

Upgrade of COBOL

The entire Gentran:Basic product has been upgraded to IBM Enterprise COBOL for z/OS version 3 release 4.

Point Release

The EDIM000 Logon screen has been modified to display the currently installed Point Release level for all of the installed Gentran products including Gentran:Basic. This can be very valuable information to be used when contacting the Gentran Software Product Support Center.

Replace Feature for Unload/Upload Process

The Unload/Upload program provides the ability to copy mapping objects (transaction maps, application data ID layouts and codes tables) and partners from one Gentran region to another without having to disable the files from the destination region. This provides the ability to continue running the Gentran system even when maps and partners are being moved from test to production. The Unload function could not be used to replace an existing partner, map, application or table. The existing entity would have to be deleted from the destination files before it could be replaced.

The Unload/Upload program has been enhanced to allow existing partners, maps, applications and tables to be replaced. By indicating replace on the input parameter the program will delete an existing entity and the copied entity will be added in its place. The default is to not replace an exiting entity.

E-Mail address on Partner File

A new record has been added to the Partner Profile file to store an e-mail address with the other partner contact information. The Name and Address Part 2 record is maintained by the new partner online screen EDIM036. This new screen supports the underscore substitution character to allow support for e-mail addresses that contain underscores characters. The e-mail address if available is stored on the Outbound EDI Databank Directory record so that it can be displayed on the Acknowledgment Monitor Report generated by EDID510 - Acknowledgment Reconciliation.

E-Mail address on Acknowledgment Monitor Report

The Acknowledgment Monitor Report generated by EDID510 has been modified to display the e-mail address from Name and Address contact information from the partner profile file. The e-mail address on this report gives the user the ability to send off an inquiry to the trading partner for interchanges that are overdue for acknowledgment without having to look up contact information from the partner file.

Online View of Overdue/Waiting Acknowledgments

New online screens have been added to Gentran to allow users to view interchanges that are overdue or awaiting acknowledgment reconciliation. These new screens display information that was captured by the EDID510 Acknowledgment Reconciliation Monitor process. This new feature is optional and is enabled by a flag on the system configuration record type 2. If enabled, EDID510 will create a VSAM file that contains all interchanges, groups, and/or transactions that have an acknowledgment status of overdue or waiting. The Acknowledgment Overdue VSAM file is cleared and rewritten every time EDID510 processes in Monitor mode. A header record on the VSAM file records the date and time that the Acknowledgment Overdue file was created. The new screens (EDIX240 and EDIX241) display information for those interchanges that are found on the new file. Filters on these screens allow users to limit the information displayed and to control positioning within the list. From the EDIX241 screen, if desired, users can transfer to the appropriate databank status screen for manual acknowledgment of the selected interchange.

System Configuration Batch Report

A new diagnostic report has been added to the utility reports available in Gentran:Basic. This new report displays the contents of the System Configuration file. This information captured in one report will be a helpful tool when debugging certain editor and system problems as well as give the user the ability to easily compare differences between test and production environments.

Alternate Record Lengths for Outbound Processing

Gentran:Basic has traditionally only been able to build outbound records with a length of 80 characters. With this new feature, the Outbound Editor (EBDI002), Outbound Splitter (EBDI016), and Outbound EDI Databank Extract (EDID205) programs can now build records with a length between 80 and 512 characters, inclusive. The record size to be built will be specified to each application with a new OUTPUT FILE LENGTH parameter. If the parameter is not specified, the applications will continue to build outbound records with a length of 80 characters as they always have.

Outbound Compression - Data Streaming

Currently the Outbound Editor (EBDI002) has the ability via the COMPRESS global parameter to compress the output data at the Transmission (Interchange), Group, Transaction, or Segment levels. A new ALL level has been added which will extend compression to the entire output file, meaning the first interchange will start in position 1 of the first output record and all the other data will follow it.

This new feature has also been extended to the Outbound Splitter (EBDI016) and Outbound EDI Databank Extract (EDID205) programs. These programs will evaluate if the data was originally compressed at the new ALL level and if so they will compress their output similarly.

Message Center

Gentran:Basic batch jobs generate error reports and set return codes greater than zero when problems occur during processing. It is the user's responsibility to monitor the results using either manual or automated procedures that they create. Either of these methods can be a tedious time consuming task. The Message Center provides the ability to easily capture the results of batch jobs and an online subsystem where the results can be reviewed quickly and accurately.

The Message Center is also flexible enough to allow you to enable your site specific batch applications and use the online subsystem to review the results of your batch jobs as well as the results of Gentran:Basic batch jobs.

The Message Center is comprised of a pair of new VSAM data sets; the Message Center Control file (EDIMCC) and Detail file (EDIMCD), a batch facility, and an online facility.

The batch facility includes applications that have been enabled for the Message Center and an application (the Message Center Maintenance program EDIMCM) that writes the captured information to the pair of VSAM data sets. The following applications have been enabled for the Message Center:

- EBDI001   Inbound Editor
- EBDI002   Outbound Editor
- EBDI015   Inbound Splitter
- EBDI016   Outbound Splitter
- EBDI041   Inbound Mapper
- EBDI042   Outbound Mapper
- EDID205   Outbound EDI Databank Extract
- EDID405   Inbound Application Databank Extract

The online facility provides three screens that access the pair of VSAM data sets and displays the information captured from the batch applications. The screens are:

- EDIM245   Message Center Job Summary
- EDIM246   Message Center Job Detail
- EDIM247   Message Center Report Display

The Message Center is a configurable feature. The installation default for Gentran:Basic is to not enable the Message Center. The Installation Guide contains instructions for implementing the Message Center.

Processing Enhancements

CICS Performance Improvement

All of the CICS mapsets have been link edited with the AMODE 31 and RMODE ANY attributes to enable them to be located above the 16MB line in virtual storage.

Improved Processing Performance for Large Databanking Duplicate Situations

Improvements were made to the Inbound and Outbound Mappers and Compliance editors to reduce the processing overhead required to process large numbers of interchanges that are duplicates of interchanges that already exist on the databanks. When it is determined that a duplicate situation exists the processing program generates a Gentran 689 error message. Most users do not have this performance degradation but for those users who process data that generates large number of 689 errors, they will notice improvement in the overall processing time.

Impact Information

Introduction

This release of Gentran:Basic was developed to keep the impact on our existing customer base as small as possible, while at the same time adding new functionality to the product. For current Gentran users, some of the new features may impact how you configure the system and how you use the product. This section describes the impact of Release 6.5 on your current system.

Online Program Changes

New Online Programs

Point Release Number for Gentran:Basic (EDIPRBSC)
This module will be accessed by the EDIM000 Logon screen to obtain the point release number for Gentran:Basic.

Changed Online Programs

Inbound EDI Databank Interface EXCI Server (EDIBDBIE)
Changed to improve performance when processing duplicates - GT 689 errors.

Outbound Application Databank Interface EXCI Server (EDIBDBOA)
Changed to improve performance when processing duplicates - GT 689 errors.

Outbound EDI Databank Interface EXCI Server (EDIBDBOE)
Changed to improve performance when processing duplicates - GT 689 errors.

Changed to support an e-mail address on the Outbound EDI Databank Directory records.

Online Application Load program (EDIR060)
Added a new "REPLACE" function when an application is processed via the Unload/Upload facility (EDIM235). The indicated application records are deleted from the target file and the new records are added to the target file.

Online Code Table Load program (EDIR076)
Added a new "REPLACE" function when a code table is processed via the Unload/Upload facility (EDIM235). The indicated code table records are deleted from the target file and the new records are added to the target file.

Online Translation Load program (EDIR080)
Added a new "REPLACE" function when a translation is processed via the Unload/Upload facility (EDIM235). The indicated translation records are deleted from the target file and the new records are added to the target file.

Online Partner Load program (EDIR087)
Added a new "REPLACE" function when a partner is processed via the Unload/Upload facility (EDIM235). The indicated partner records are deleted from the target file and the new records are added to the target file.

Screen Changes

New Screens

Partner Subsystem

•   EDIM036   Partner Name and Address Part 2

Databank Subsystem

•   EDIM240   Acknowledgment Overdue Directory

•   EDIM241   Acknowledgment Overdue Detail

Administrative Subsystem

•   EDIM245   Message Center Job Summary

•   EDIM246   Message Center Job Detail

•   EDIM247   Message Center Report Display

Changed Screens

Logon Screen (EDIM000)
Added Gentran:Basic to the list of installed products and changed the display to show the new
Point Release number for each installed product.

Partner Name and Address (EDIM035)
Changed to transfer to the new EDIM036 Partner Name and Address Part 2 screen when PFkey-5
is pressed.

Partner User Defined (EDIM045)
Changed to transfer to the new EDIM036 Partner Name and Address Part 2 screen when PFkey-4
is pressed.

Administrative Main Menu (EDIM210)
A new option 9 has been added to access the Message Center Job Summary screen.

Global Parameter Maint-5 (EDIM22E)
Changed the Wrapping Level field to accept a new value of 4 which means that the Outbound
Editor should wrap all of the outbound data.

Configuration Maintenance (EDIM231)
The panel 2 screen for record type 0 was changed to add the configuration switches to control the
implementation of the new Message Center feature.

The screen for record type 2 was changed to add the configuration switches to control the
implementation of the new Acknowledgment Overdue feature.

Unload/Upload Maintenance (EDIM235)
Changed to support the new replace functionality in the Unload/Upload process.

Group Directory - Date (EDIM25A)
Changed to increase the change audit, pending and queue records to support the size increase of
Outbound EDI Databank Directory record.

Databank Maintenance Menu (EDIM250)
A new option 12 has been added to access the new Acknowledgments Overdue screen.

Interchange Status (EDIM251)
Changed to increase the change audit, pending and queue records to support the size increase of Outbound EDI Databank Directory record.

Changed to accept a transfer from the new EDIM241 Acknowledgment Overdue Detail screen and return to it when exiting.

Group Status (EDIM252)
Changed to increase the change audit, pending and queue records to support the size increase of Outbound EDI Databank Directory record.

Changed to accept a transfer from the new EDIM241 Acknowledgment Overdue Detail screen and return to it when exiting.

Transaction Status (EDIM253)
Changed to increase the change audit, pending and queue records to support the size increase of Outbound EDI Databank Directory record.

Changed to accept a transfer from the new EDIM241 Acknowledgment Overdue Detail screen and return to it when exiting.

Extended Element Mapping Inbound (EDIM513)
Changed to use a value of '1' for the release number when reading the Transaction Element file after transferring from the EDIM504 Segment screen.

Batch Program Changes

New Batch Programs

System Configuration Display Report (EBDI004)
This new diagnostic report will display the contents of the System Configuration file.

Message Center Maintenance (EDIMCM)
This program maintains the Message Center Control and Detail files. The program operations include archiving, formatting, loading, and updating the Message Center information.

Renamed Batch Programs

Application Change Audit Maintenance (EBDI074)
Program was renamed from EBDI066 due to conflict with the INS Network Command program EBDI066 in Gentran:Plus.

Changed Batch Programs

Inbound Editor (EBDI001)
Changed the CNTL records being built to the new version 5 layout.

Changed the format of the SYS007 Summary Data record to support the new Message Center feature.

Outbound Editor (EBDI002)
Changed to support the storage of an e-mail address on the Outbound EDI Databank Directory record.

Changed to use either the new COMPRESS ALL global parameter or the new Wrapping Level value of 4 on the Global Parameter Maint-5 (EDIM22E) screen to support the compression of the output data at the transmission level.

Changed the format of the SYS007 Summary Data record to support the new Message Center feature.

Added the OUTPUT FILE LENGTH parameter to support the new Alternate Record Lengths for Outbound Processing feature.

Batch Partner File Maintenance (EBDI005)
Changed to allow the maintenance of the new Partner Name and Address part 2 record that was added to the partner profile to store the contact e-mail address. New transaction IN6T was added. Correction was made to delete function for NAMEAD1 transaction when used for Relationship mode. Also correction was made to Underscore Substitution character logic for Name and address records.

Partner File Print Extract (EBDI006A)
Changed to support the new Partner Name and Address part 2 record that was added to the partner profile to store the contact e-mail address.

Partner File Print Report (EBDI006B)
Changed to support the new Partner Name and Address part 2 record that was added to the partner profile to store the contact e-mail address.

Outbound Envelope Generator for Acknowledgments (EBDI011A)
Changed to process the new version 5 CNTL record layout.

Outbound Envelope Generator for Mapping (EBDI011M)
Changed to process the new version 5 CNTL record layout.

Inbound Splitter (EBDI015)
Added a new MCSUMDAT Summary Data file to support the new Message Center feature.

Outbound Splitter (EBDI016)
Added a new MCSUMDAT Summary Data file to support the new Message Center feature.

Changed to support the compression of the output data at the transmission level.

Added the OUTPUT FILE LENGTH parameter to support the new Alternate Record Lengths for Outbound Processing feature.

Inbound Mapper (EBDI041)
Changed the format of the SYS007 Summary Data record to support the new Message Center feature.

Outbound Mapper (EBDI042)
Changed to pass the e-mail address if found on the partner profile name and address part 2 record on the ###MAP record to the Outbound Editor (EBDI002).

Changed the CNTL records being built to the new version 5 layout.

Changed the format of the SYS007 Summary Data record to support the new Message Center feature.

Outbound Envelope Generation subroutine (EBDI056)
Changed to process the new version 5 CNTL record layout.

Outbound Envelope Generation subroutine for Concurrent processing (EBDI056C)
Changed to process the new version 5 CNTL record layout.

Application Copy Utility (EBDI060)
Changed to allow "replace" parameter when processing in UNLOAD mode.

Table copy Utility (EBDI076)
Changed to allow "replace" parameter when processing in UNLOAD mode.

Translation Copy utility (EBDI080)
Changed to allow "replace" parameter when processing in UNLOAD mode.

Copy Partner from one file to another (EBDI087)
Changed to allow "replace" parameter when processing in UNLOAD mode. Also changed to support the new partner profile Name and Address Part 2 record.

Partner Change Audit Inquiry (EBDI092)
Changed to support the new Name and Address part 2 record that was added to the partner profile to store the contact e-mail address.

Outbound Application Databank Interface (EDID102)
Changed to improve performance when processing duplicates - GT 689 errors.

Outbound EDI Databank Maintenance (EDID201)
Changed to support the increased Outbound EDI Databank Directory records for e-mail address.

Outbound EDI Databank Interface (EDID202)
Changed to improve performance when processing duplicates - GT 689 errors. Also changed to support an e-mail address on the Outbound EDI Databank Directory record.

Outbound EDI Databank Interface - Concurrency (EDID202C)
Changed to support an e-mail address on the Outbound EDI Databank Directory record.

Outbound EDI Databank Extract (EDID205)
Changed to support the increased Outbound EDI Databank Directory record for e-mail address.

Added support for the compression of the output data at the transmission level.

Changed the CNTL records being built to the new version 5 layout.

Added a new MCSUMDAT Summary Data file to support the new Message Center feature.

Added a new OUTPUT FILE LENGTH parameter to support the Alternate Record Lengths for Outbound Processing feature.

Inbound EDI Databank Maintenance (EDID301)
Changed to support new parameter PROCESSING-TIME-LIMIT. New parameter limits the amount of time that housekeeping mode is permitted to process.

Inbound EDI Databank Interface (EDID302)
Changed to improve performance when processing duplicates - GT 689 errors.

Inbound Application Databank Extract (EDID405)
Added a new MCSUMDAT Summary Data file to support the new Message Center feature.

Acknowledgment Reconciliation and Monitor (EDID510)
Changed to write out a new Acknowledgment Overdue VSAM file when processing in Monitor mode if the Acknowledgment Overdue feature is enabled on the system configuration record type 2. All records with an acknowledgment status of overdue or waiting will be written to the new file.

The Monitor report was modified to display an e-mail address for overdue interchanges if it is found on the partner profile Name and Address part 2 record.

File Changes

New Files

Acknowledgment Overdue (EDIACKO)
DSN=GENTRAN.V6X5.VSAM.ACK.OVERDUE

The Acknowledgment Overdue file contains a copy of the Outbound EDI Databank Directory records that contain an acknowledgment status of waiting or overdue. This VSAM file is reusable and is created clean each time the EDID510 Acknowledgment Reconciliation Monitor program runs in monitor mode and the Acknowledgment Overdue feature is enabled on the system configuration record type 2.

Message Center Control (EDIMCC)
DSN=GENTRAN.V6X5.VSAM.EDI.EDIMCC

This file contains a control record for each report captured by the Message Center. They are updated into the file by the EDIMCM Message Center Maintenance program and displayed by the EDIM245 Message Center Job Summary and the EDIM246 Message Center Job Detail screens.

Message Center Detail (EDIMCD)
DSN=GENTRAN.V6X5.VSAM.EDI.EDIMCD

This file contains the reports captured by the Message Center. They are updated into the file by the EDIMCM Message Center Maintenance program and displayed by the EDIM247 Message Center Report Display screen.

Changed Files

Outbound EDI Databank Directory (EDIOEA)
The Outbound EDI Databank Directory record was increased from 800 to 900 bytes to support the storing of an e-mail address on the record.

Outbound EDI Databank Change Audit file (EDIOECA)
The Outbound EDI Databank Change Audit record was increased from 2100 to 2300 bytes to
support the storing of an e-mail address on the Outbound EDI Databank Directory record.

Sorted Input Transactions file (SYSSIT)
This file is created and used by the EBDI016 Outbound Split program. The record size was
increased from 142 to 522 bytes to support the new Alternate Record Lengths for Outbound
Processing feature.

Summary Report in Data Format file (SYS007)
This file is created by the EBDI001 and EBDI002 Editors and the EBDI041 and EBDI042
Mappers. It was modified to include the Creating Program Name and Return Code to support the
new Message Center feature. In addition the record size of the files created by the Mapper
programs was increased from 300 to 700 bytes. Finally, the EBDI015 and EBDI016 Split
programs and EDID205 and EDID405 Databank Extract programs were changed to create this file
if the new Message Center feature is enabled.

JCL Changes

This section lists the JCL members that were added, deleted, renamed, and changed.

New JCL Members

- CNCA64   Convert Change Audit files - 6.4 to 6.5
- CNCFG64   Convert Gentran:Basic Configuration file - 6.4 to 6.5
- CNDBA64I   Convert Inbound Application Databank files - 6.4 to 6.5
- CNDBA64O   Convert Outbound Application Databank files - 6.4 to 6.5
- CNDBE64I   Convert Inbound EDI Databank files - 6.4 to 6.5
- CNDBE64O   Convert Outbound EDI Databank files - 6.4 to 6.5
- CNMAP64   Full Conversion of Mapping System - 6.4 to 6.5
- CNMAP64A   Incremental Conv. Mapping Appl. - 6.4 to 6.5
- CNMAP64C   Incremental Conv. Mapping Codes - 6.4 to 6.5
- CNMAP64T   Incremental Conv. Mapping Trans. - 6.4 to 6.5
- CNMSG64   Convert Error Message file - 6.4 to 6.5
- CNPRL64   Convert Partner Relationship file - 6.4 to 6.5
- CNPRT64   Full Conversion Partner & Control files - 6.4 to 6.5
- CNPRT64P   Incremental Conv Partner & Control files - 6.4 to 6.5
- CNSEC64   Convert Online Security file - 6.4 to 6.5
- CNSEP64   Convert Separator Control file - 6.4 to 6.5
- CNSTD64   Convert Online Standards - 6.4 to 6.5
- CNXRF64   Convert Partner Cross Reference file - 6.4 to 6.5
- DEFMC   Define Message Center files
- EXECMCMA   Archive Message Center files
- EXECMCML   Load Message Center files
- EXECMCMU   Update Message Center files
- EXEC004   Execute the System Configuration Display report EBDI004

-    PCBSCJC1   Allocate Gentran:Basic current JCL upload file on mainframe
-    PCBSCJC2   Unload Gentran:Basic current JCL file

Deleted JCL Members

-    CNCFG60   Convert Gentran:Basic Configuration file - 6.0 to 6.4
-    CNCFG61   Convert Gentran:Basic Configuration file - 6.1 to 6.4
-    CNCFG62   Convert Gentran:Basic Configuration file - 6.2 to 6.4
-    CNDBA60I   Convert Inbound Application Databank files - 6.0 to 6.4
-    CNDBA60O   Convert Outbound Application Databank files - 6.0 to 6.4
-    CNDBA61I   Convert Inbound Application Databank files - 6.1 to 6.4
-    CNDBA61O   Convert Outbound Application Databank files - 6.1 to 6.4
-    CNDBA62I   Convert Inbound Application Databank files - 6.2 to 6.4
-    CNDBA62O   Convert Outbound Application Databank files - 6.2 to 6.4
-    CNDBE60I   Convert Inbound EDI Databank files - 6.0 to 6.4
-    CNDBE60O   Convert Outbound EDI Databank files - 6.0 to 6.4
-    CNDBE61I   Convert Inbound EDI Databank files - 6.1 to 6.4
-    CNDBE61O   Convert Outbound EDI Databank files - 6.1 to 6.4
-    CNDBE62I   Convert Inbound EDI Databank files - 6.2 to 6.4
-    CNDBE62O   Convert Outbound EDI Databank files - 6.2 to 6.4
-    CNMAP60   Full Conversion of Mapping System - 6.0 to 6.4
-    CNMAP60A   Incremental Conv. Mapping Appl. - 6.0 to 6.4
-    CNMAP60C   Incremental Conv. Mapping Codes - 6.0 to 6.4
-    CNMAP60T   Incremental Conv. Mapping Trans. - 6.0 to 6.4
-    CNMAP61   Full Conversion of Mapping System - 6.1 to 6.4
-    CNMAP61A   Incremental Conv. Mapping Appl. - 6.1 to 6.4
-    CNMAP61C   Incremental Conv. Mapping Codes - 6.1 to 6.4
-    CNMAP61T   Incremental Conv. Mapping Trans. - 6.1 to 6.4
-    CNMAP62   Full Conversion of Mapping System - 6.2 to 6.4
-    CNMAP62A   Incremental Conv. Mapping Appl. - 6.2 to 6.4
-    CNMAP62C   Incremental Conv. Mapping Codes - 6.2 to 6.4
-    CNMAP62T   Incremental Conv. Mapping Trans. - 6.2 to 6.4
-    CNMSG60   Convert Error Message file - 6.0 to 6.4
-    CNMSG61   Convert Error Message file - 6.1 to 6.4
-    CNMSG62   Convert Error Message file - 6.2 to 6.4
-    CNPRL61   Convert Partner Relationship file - 6.1 to 6.4
-    CNPRL62   Convert Partner Relationship file - 6.2 to 6.4
-    CNPRT60   Full Conversion Partner & Control files - 6.0 to 6.4
-    CNPRT60P   Incremental Conv Partner & Control files - 6.0 to 6.4
-    CNPRT61   Full Conversion Partner & Control files - 6.1 to 6.4
-    CNPRT61P   Incremental Conv Partner & Control files - 6.1 to 6.4
-    CNPRT62   Full Conversion Partner & Control files - 6.2 to 6.4

- CNPRT62P   Incremental Conv Partner & Control files - 6.2 to 6.4
- CNSEC60   Convert Online Security file - 6.0 to 6.4
- CNSEC61   Convert Online Security file - 6.1 to 6.4
- CNSEC62   Convert Online Security file - 6.2 to 6.4
- CNSTD60   Convert Online Standards - 6.0 to 6.4
- CNSTD61   Convert Online Standards - 6.1 to 6.4
- CNSTD62   Convert Online Standards - 6.2 to 6.4
- CNXRF60   Convert Partner Cross Reference file - 6.0 to 6.4
- CNXRF61   Convert Partner Cross Reference file - 6.1 to 6.4
- CNXRF62   Convert Partner Cross Reference file - 6.2 to 6.4

Renamed JCL Members

Old JCL Member	New JCL Member	Description
EXEC066	EXEC074	Application Change Audit Maintenance (EBDI074)

Changed JCL Members

EXEC002A – Executes the Outbound Editor program for outbound acknowledgments

In STEP6 the DCB parameter for SYSSIT has been changed:

```
//SYSSIT   DD  DSN=&&TRANS,
//             DISP=(NEW,DELETE),
//             UNIT=DISK,
//             VOL=SER=XXXXXX,
//             SPACE=(TRK,(15,15),RLSE),
//             DCB=(LRECL=522,BLKSIZE=5220,RECFM=FB)
```

EXEC002B – Executes the Outbound Envelope Generator and Editor programs for unenveloped outbound acknowledgments

In STEP8 the DCB parameter for SYSSIT has been changed:

```
//SYSSIT   DD  DSN=&&TRANS,
//             DISP=(NEW,DELETE),
//             UNIT=DISK,
//             VOL=SER=XXXXXX,
//             SPACE=(TRK,(15,15),RLSE),
//             DCB=(LRECL=522,BLKSIZE=5220,RECFM=FB)
```

EXEC016 – Executes the Outbound Data Split program

In STEP2 the DCB parameter for SYSSIT has been changed:

```
//SYSSIT   DD  DSN=&&TRANS,
//              DISP=(NEW,DELETE),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(TRK,(15,15),RLSE),
//              DCB=(LRECL=522,BLKSIZE=5220,RECFM=FB)
```

EXEC041 – Executes the Inbound Mapping program

In STEP2 the SPACE and DCB parameters for SYS007 have been changed:

```
//SYS007   DD  DSN=GENTRAN.V6X5.PGM041.SUMMARY,
//              DISP=(NEW,CATLG,CATLG),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(700,(1,0)),
//              DCB=(BLKSIZE=700,LRECL=700,RECFM=F)
```

EXEC042 – Executes the Outbound Mapping program

In STEP2 the SPACE and DCB parameters for SYS007 have been changed:

```
//SYS007   DD  DSN=GENTRAN.V6X5.PGM042.SUMMARY,
//              DISP=(NEW,CATLG,CATLG),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(700,(1,0)),
//              DCB=(BLKSIZE=700,LRECL=700,RECFM=F)
```

EXEC510 – Executes the Acknowledgment Reconciliation Monitor program

In STEP1 a new DD statement has been added for the Acknowledgment Overdue file:

```
//ACKOVR   DD  DSN=GENTRAN.V6X5.VSAM.ACK.OVERDUE,
//              DISP=SHR
```

INBOUND – Executes the Inbound processing flow

In STEP12 the SPACE and DCB parameters for SYS007 have been changed:

```
//SYS007   DD  DSN=GENTRAN.V6X5.PGM041.SUMMARY,
//              DISP=(NEW,CATLG,CATLG),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(700,(1,0)),
//              DCB=(BLKSIZE=700,LRECL=700,RECFM=F)
```

OUTBOUND – Executes the Outbound processing flow

In STEP2 the SPACE and DCB parameters for SYS007 have been changed:

```
//SYS007   DD  DSN=GENTRAN.V6X5.PGM042.SUMMARY,
//              DISP=(NEW,CATLG,CATLG),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(700,(1,0)),
//              DCB=(BLKSIZE=700,LRECL=700,RECFM=F)
```

In STEP9 the DCB parameter for SYSSIT has been changed:

```
//SYSSIT   DD  DSN=&&TRANS,
//              DISP=(NEW,DELETE),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(TRK,(15,15),RLSE),
//              DCB=(LRECL=522,BLKSIZE=5220,RECFM=FB)
```

Chapter

3

Gentran:Control Release Notes and Impact Information

Overview

This chapter contains release notes and impact information for Gentran:Control® for zSeries Release 6.5.

This chapter contains the following topics.

Release Notes

General Enhancements

Upgrade of COBOL

The entire Gentran:Control product has been upgraded to IBM Enterprise COBOL for z/OS version 3 release 4.

Point Release

The EDIM000 Logon screen has been modified to display the currently installed Point Release level for all of the installed Gentran products including Gentran:Control. This can be very valuable information to be used when contacting the Gentran Software Product Support Center.

Processing Enhancements

CICS Performance Improvements

All of the CICS mapsets have been link edited with the AMODE 31 and RMODE ANY attributes to enable them to be located above the 16MB line in virtual storage.

Impact Information

Introduction

This release of Gentran:Control was developed to keep the impact on our existing customer base as small as possible, while at the same time adding new functionality to the product. For current Gentran users, some of the new features may impact how you configure the system and how you use the product. This section describes the impact of Release 6.5 on your current system.

Online Program Changes

New Online Programs

Point Release Number for Gentran:Control (EDIPRCTL)
This module will be accessed by the EDIM000 Logon screen to obtain the point release number for Gentran:Control.

Changed Online Programs

None.

Batch Program Changes

None.

Screen Changes

None.

File Changes

None.

JCL Changes

This section lists the JCL members that were added, deleted, renamed, and changed.

New JCL Members

•	CNVOCF64	Convert the Online Control File - 6.4 to 6.5
•	CNVSEP64	Convert the Separator Control File - 6.4 to 6.5
•	PCCTLJC1	Allocate Gentran:Control current JCL upload file on mainframe
•	PCCTLJC2	Unload Gentran:Control current JCL file

Deleted JCL Members

•	CNVOCF60	Convert the Online Control File - 6.0 to 6.4
•	CNVOCF61	Convert the Online Control File - 6.1 to 6.4
•	CNVOCF62	Convert the Online Control File - 6.2 to 6.4
•	CNVSEP60	Convert the Separator Control File - 6.0 to 6.4
•	CNVSEP61	Convert the Separator Control File - 6.1 to 6.4

- CNVSEP62   Convert the Separator Control File - 6.2 to 6.4

Renamed JCL Members

None.

Changed JCL Members

None.

4

Gentran:Plus Release Notes and Impact Information

Overview

This chapter contains release notes and impact information for Gentran:Plus® for zSeries Release 6.5.

This chapter contains the following topics:

Release Notes

General Enhancements

Compatibility with Gentran:Basic for zSeries Release 6.5

This release of Gentran:Plus has been made compatible with Gentran:Basic for zSeries Release 6.5.

Upgrade of COBOL

The entire Gentran:Plus product has been upgraded to IBM Enterprise COBOL for z/OS version 3 release 4.

Point Release

The EDIM000 Logon screen has been modified to display the currently installed Point Release level for all of the installed Gentran products including Gentran:Plus. This can be very valuable information to be used when contacting the Gentran Software Product Support Center.

Add Remote/Listname to CE and Plus Simultaneously

The ability has been added to the Gentran:Plus online interface to simultaneously add remotes/listnames to Gentran:Plus Communication Profiles and the CONNECT ODF concurrently. This means that profiles can be added to CONNECT via the Gentran:Plus interface without the need to shut down CONNECT, run EBDI020 to rebuild the ODF, and re-start CONNECT.

ODF Update Concurrency for Transmission Schedule and Bisync Line Maintenance

The ability has been added to simultaneously update Gentran:Plus Communication Profiles and the CONNECT ODF for Transmission Schedule and Bisync Line IDs. These updates can be dynamically applied to CONNECT without the need to shut down CONNECT, run EBDI020 to rebuild the ODF, and re-start CONNECT.

Processing Enhancements

CICS Performance Improvement

All of the CICS mapsets have been link edited with the AMODE 31 and RMODE ANY attributes to enable them to be located above the 16MB line in virtual storage.

Impact Information

Introduction

This release of Gentran:Plus was developed to keep the impact on our existing customer base as small as possible, while at the same time adding new functionality to the product. For current Gentran users, some of the new features may impact how you configure the system and how you use the product. This section describes the impact of Release 6.5 on your current system.

Online Program Changes

New Online Programs

Point Release Number for Gentran:Plus (EDIPRGPL)
This module will be accessed by the EDIM000 Logon screen to obtain the point release number for Gentran:Plus.

Transmission Schedule Update (EDIX410U)
This module will be accessed by the EDIM410 Transmission Schedule screen to dynamically update the transmission schedule information on the Connect ODF file.

BISYNC Line Maintenance Update (EDIX414U)
This module will be accessed by the EDIM414 BISYNC Line Maintenance screen to dynamically update the BISYNC Line information on the Connect ODF file.

Changed Online Programs

Communications Profile Update (EDIX406U)
Changed to dynamically add a remote/listname to the Connect ODF file.

Batch Program Changes

None.

Screen Changes

New Screens

None.

Changed Screens

Communications Profile (EDIM406)
Changed to dynamically add a remote/listname to the Connect ODF file if requested.

Transmission Schedule (EDIM410)
Changed to dynamically update the transmission schedule information on the Connect ODF file if requested.

BISYNC Line Maintenance (EDIM414)
Changed to dynamically update the BISYNC Line information on the Connect ODF file if requested.

File Changes

None.

JCL Changes

This section lists the JCL memebers that were added, deleted, renamed, and changed.

New JCL Members

- CNVPL64   Convert Gentran:Plus 6.4 files to release 6.5
- PCGPLJC1   Allocate Gentran:Plus current JCL upload file on mainframe
- PCGPLJC2   Unloads Gentran:Plus current JCL file

Deleted JCL Members

- ADVANTIS   Network Toolkit
- ATT   Network Toolkit
- CHRYLER   Network Toolkit
- CNET   Network Toolkit
- CNVPL60   Convert Gentran:Plus 6.0 files to release 6.4
- CNVPL61   Convert Gentran:Plus 6.1 files to release 6.4
- CNVPL62   Convert Gentran:Plus 6.2 files to release 6.4
- GEIS   Network Toolkit
- INS   Network Toolkit
- MC   Network Toolkit
- SIB   Network Toolkit
- SIBFTP   Network Toolkit
- TOOLKIT   Network Toolkit

Renamed JCL Members

Old JCL Member	New JCL Member	Member Description
INMB2	DEFJCL	Creates And Loads JCL To Use In Online Environment
INMB3	LOADDATA	Loads Tutorial And Test Data
INMB4	DEFCFG	Updates The Configuration File - Part/Qual Mode
INMB4R	DEFCFGR	Updates The Configuration File - Relationship Mode
INMB5	LOADGPL	Loads Test Partners & Maps For IVP (Part/Qual Mode)
INMB5R	LOADGPLR	Loads Test Partners & Maps For IVP (Relationship Mode)
INMB6	DEFGPL	Create And Initialize Profile And Remote Files
INMB7	DEFGPL	Create And Initialize Change Audit And Holiday Files
INMB8	DEFGPL	Create And Initialize Ins Network Command Files

Changed JCL Members

INGPL – Inbound Processing - Gentran:Plus

In STEP 14 the SPACE and DCB parameters for SYS007 have been changed:

```
//SYS007   DD  DSN=GENTRAN.V6X5.PGM041.SUMMARY,
//              DISP=(NEW,CATLG,CATLG),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(700,(1,0)),
//              DCB=(BLKSIZE=700,LRECL=700,RECFM=F)
```

OUTGPL – Outbound Processing - Gentran:Plus

In STEP 2 the SPACE and DCB parameters for SYS007 have been changed:

```
//SYS007   DD  DSN=GENTRAN.V6X5.PGM042.SUMMARY,
//              DISP=(NEW,CATLG,CATLG),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(700,(1,0)),
//              DCB=(BLKSIZE=700,LRECL=700,RECFM=F)
```

OUTINS – Outbound Processing - Ins

In STEP 2 the SPACE and DCB parameters for SYS007 have been changed:

```
//SYS007   DD  DSN=GENTRAN.V6X5.PGM042.SUMMARY,
//              DISP=(NEW,CATLG,CATLG),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(700,(1,0)),
//              DCB=(BLKSIZE=700,LRECL=700,RECFM=F)
```

Chapter

5 Gentran:Realtime Release Notes and Impact Information

Overview

This chapter contains release notes and impact information for Gentran:Realtime for zSeries Release 6.5.

This chapter contains the following topics:

Release Notes

General Enhancements

Upgrade of COBOL

The entire Gentran:Realtime product has been upgraded to IBM Enterprise COBOL for z/OS version 3 release 4.

Point Release

The EDIM000 Logon screen has been modified to display the currently installed Point Release level for all of the installed Gentran products including Gentran:Realtime. This can be very valuable information to be used when contacting the Gentran Software Product Support Center.

Outbound Compression - Data Streaming

Currently the Outbound Editor (EBDI002) has the ability via the COMPRESS global parameter to compress the output data at the Transmission (Interchange), Group, Transaction, or Segment levels. A new ALL level has been added which will extend compression to the entire output file, meaning the first interchange will start in position 1 of the first output record and all the other data will follow it.

This new feature has also been extended to the Outbound Splitter (EBDI016) and Outbound EDI Databank Extract (EDID205) programs. These programs will evaluate if the data was originally compressed at the new ALL level and if so they will compress their output similarly.

E-Mail address on Acknowledgment Monitor Report

The Acknowledgment Monitor Report generated by EDID515 has been modified to display the e-mail address from Name and Address contact information from the partner profile file. The e-mail address on this report gives the user the ability to send off an inquiry to the trading partner for interchanges that are overdue for acknowledgment without having to look up contact information from the partner file.

Online View of Overdue/Waiting Acknowledgments

New online screens have been added to Gentran:Basic to allow users to view interchanges that are overdue or awaiting acknowledgment reconciliation. These new screens display information that was captured by the EDID515 Acknowledgment Reconciliation Monitor process. This new feature is optional and is enabled by a flag on the system configuration record type 2. If enabled, EDID515 will create a VSAM file that contains all interchanges, groups, and/or transactions that have an acknowledgment status of overdue or waiting. The Acknowledgment Overdue VSAM file is cleared and rewritten every time EDID515 processes in Monitor mode. A header record on the VSAM file records the date and time that the Acknowledgment Overdue file was created. The new screens (EDIX240 and EDIX241) display information for those interchanges that are found on the new file. Filters on these screens allow users to limit the information displayed and to control positioning within the list. From the EDIX241 screen, if desired, users can transfer to the appropriate databank status screen for manual acknowledgment of the selected interchange.

Processing Enhancements

CICS Performance Improvements

All of the CICS mapsets have been link edited with the AMODE 31 and RMODE ANY attributes to enable them to be located above the 16MB line in virtual storage.

Improved Processing Performance for Large Databanking Duplicate Situations

Improvements were made to the Inbound and Outbound Mappers and Compliance editors to reduce the processing overhead required to process large numbers of interchanges that are duplicates of interchanges that already exist on the databanks. When it is determined that a duplicate situation exists the processing program generates a Gentran 689 error message. Most users do not have this performance degradation but for those users who process data that generates large number of 689 errors, they will notice improvement in the overall processing time.

Impact Information

Introduction

This release of Gentran:Realtime was developed to keep the impact on our existing customer base as small as possible, while at the same time adding new functionality to the product. For current Gentran users, some of the new features may impact how you configure the system and how you use the product. This section describes the impact of Release 6.5 on your current system.

Online Program Changes

New Online Programs

Point Release Number for Gentran:Realtime (EDIPRRTE)
This module will be accessed by the EDIM000 Logon screen to obtain the point release number for Gentran:Realtime.

Changed Online Programs

Outbound Application Databank Interface subroutine (EDID152)
Changed to improve performance when processing duplicates - GT 689 errors.

Outbound EDI Databank Maintenance (EDID251)
Changed to support the increased Outbound EDI Databank Directory records for an e-mail address.

Outbound EDI Databank Interface Subroutine (EDID252)
Changed to improve performance when processing duplicates - GT 689 errors.

Changed to support an e-mail address on the Outbound EDI Databank Directory records.

Outbound EDI Databank Extract (EDID255)
Changed to support the increased Outbound EDI Databank Directory records for an e-mail address.

Added support for the compression of the output data at the transmission level.

Changed the CNTL records being built to the new version 5 layout.

Inbound EDI Databank Interface subroutine (EDID352)
Changed to improve performance when processing duplicates - GT 689 errors.

Acknowledgment Reconciliation and Monitor (EDID515)
Changed to write out a new Acknowledgment Overdue VSAM file when processing in Monitor mode if the Acknowledgment Overdue feature is enabled on the system configuration record type 2. All records with an acknowledgment status of overdue or waiting will be written to the new file.

The Monitor report was modified to display an e-mail address for overdue interchanges if it is found on the partner profile Name and Address part 2 record.

Change Audit Maintenance (EDID552)
Changed to support the increased Outbound EDI Databank Change Audit records for an e-mail address.

Inbound Editor (EDIR001)
Changed the CNTL records being built to the new version 5 layout.

Changed the format of the EDIRSUM Summary Data record.

Outbound Editor (EDIR002)
Changed to support the storage of an e-mail address on the Outbound EDI Databank Directory record.

Changed to use the new Wrapping Level value of 4 on the Outbound Global Parameter Override Maint-3 (EDIM84A) screen to support the compression of the output data at the transmission level.

Changed the format of the EDIRSUM Summary Data record.

Outbound Reject / Splitter (EDIR016)
Added support for the compression of the output data at the transmission level.

Inbound Mapper (EDIR041)
Changed the format of the EDIRSUM Summary Data record.

Outbound Mapper (EDIR042)
Changed to pass the e-mail address if found on the partner profile name and address part 2 record on the ###MAP record to the Outbound Editor (EDIR002).

Changed the CNTL records being built to the new version 5 layout.

Changed the format of the EDIRSUM Summary Data record.

Envelope Generator (EDIR056)
Changed the CNTL records being built to the new version 5 layout.

Connect Batch Number Update (EDIR317)
Changed to support the increased Outbound EDI Databank Directory records for an e-mail address.

Databank Status Update (EDIR855)
Changed to support the increased Outbound EDI Databank Directory records for an e-mail address.

Batch Program Changes

None.

Screen Changes

New Screens

None.

Changed Screens

Outbound Global Parameter Override Maint-3 (EDIM84A)
Changed the Wrapping Level field to accept a new value of 4 which means that the Outbound
Editor should wrap all of the outbound data.

Connect Path Maintenance (EDIM842)
Increased the size of the Batch ID field from 24 to 64 bytes for future use.

Connect Path Maintenance (EDIM843)
Increased the size of the Batch ID field from 24 to 64 bytes for future use.

Outbound ACK $$ADD Generate Maintenance (EDIM845)
Increased the size of the Batch ID field from 24 to 64 bytes for future use.

File Changes

New Files

Gentran:Realtime Acknowledgment Overdue file
EDIRACKO DSN=GENTRAN.V6X5.RTE.VSAM.ACK.OVERDUE
The Acknowledgment Overdue file contains a copy of the Outbound EDI Databank Directory
records that contain an acknowledgment status of waiting or overdue. This VSAM file is reusable
and is created clean each time the EDID515 Acknowledgment Reconciliation Monitor program
runs in monitor mode and the Acknowledgment Overdue feature is enabled on the system
configuration record type 2.

Changed Files

Gentran:Realtime Outbound EDI Databank Directory (EDIROEA)
The Outbound EDI Databank Directory record was increased from 800 to 900 bytes to support the
storing of an e-mail address on the record.

Gentran:Realtime Outbound EDI Databank Change Audit file (EDIROECA)
The Outbound EDI Databank Change Audit record was increased from 2100 to 2300 bytes to
support the storing of an e-mail address on the Outbound EDI Databank Directory record.

Summary Statistics file (EDIRSUM)
This file is created by the EDIR001 and EDIR002 Editors and the EDIR041 and EDIR042
Mappers. It was modified to include the Creating Program Name and Return Code.

JCL Changes

This section lists the JCL members that were added, deleted, renamed, and changed.

New JCL Members

- CNCA64   Convert Change Audit files - 6.4 to 6.5
- CNCFG64   Convert Gentran:Basic Configuration file - 6.4 to 6.5
- CNCFG64R   Convert Gentran:Realtime Configuration file - 6.4 to 6.5
- CNDBA64I   Convert Inbound Application Databank files - 6.4 to 6.5
- CNDBA64O   Convert Outbound Application Databank files - 6.4 to 6.5
- CNDBE64I   Convert Inbound EDI Databank files - 6.4 to 6.5
- CNDBE64O   Convert Outbound EDI Databank files - 6.4 to 6.5
- CNDRA64I   Convert Realtime Inbound Application Databank files - 6.4 to 6.5
- CNDRA64O   Convert Realtime Outbound Application Databank files - 6.4 to 6.5
- CNDRE64I   Convert Realtime Inbound EDI Databank files - 6.4 to 6.5
- CNDRE64O   Convert Realtime Outbound EDI Databank files - 6.4 to 6.5
- CNMAP64   Full Conversion of Mapping System - 6.4 to 6.5
- CNMAP64A   Incremental Conv. Mapping Appl. - 6.4 to 6.5
- CNMAP64C   Incremental Conv. Mapping Codes - 6.4 to 6.5
- CNMAP64T   Incremental Conv. Mapping Trans. - 6.4 to 6.5
- CNMSG64   Convert Error Message file - 6.4 to 6.5
- CNPRL64   Convert Partner Relationship file - 6.4 to 6.5
- CNPRT64   Full Conversion Partner & Control files - 6.4 to 6.5
- CNPRT64P   Incremental Conv Partner & Control files - 6.4 to 6.5
- CNRTE64   Converts the Gentran:Realtime system files
- CNSEC64   Convert Online Security file - 6.4 to 6.5
- CNSEP64   Convert Separator Control file - 6.4 to 6.5
- CNSTD64   Convert Online Standards - 6.4 to 6.5
- CNXRF64   Convert Partner Cross Reference file - 6.4 to 6.5
- DEFMC   Define Message Center files
- EXECMCMA   Archive Message Center files
- EXECMCML   Load Message Center files
- EXECMCMU   Update Message Center files
- EXEC004   Execute the System Configuration Display report EBDI004
- PCBSCJC1   Allocate Gentran:Basic current JCL upload file on mainframe
- PCBSCJC2   Unload Gentran:Basic current JCL file
- PCRTEJC1   Allocate Gentran:Realtime current JCL upload file on mainframe
- PCRTEJC2   Unload Gentran:Realtime current JCL file

Deleted JCL Members

- CNCFG60   Convert Gentran:Basic Configuration file - 6.0 to 6.4
- CNCFG60R   Convert Gentran:Realtime Configuration file - 6.0 to 6.4
- CNCFG61   Convert Gentran:Basic Configuration file - 6.1 to 6.4
- CNCFG61R   Convert Gentran:Realtime Configuration file - 6.1 to 6.4
- CNCFG62   Convert Gentran:Basic Configuration file - 6.2 to 6.4
- CNCFG62R   Convert Gentran:Realtime Configuration file - 6.2 to 6.4
- CNDBA60I   Convert Inbound Application Databank files - 6.0 to 6.4
- CNDBA60O   Convert Outbound Application Databank files - 6.0 to 6.4
- CNDBA61I   Convert Inbound Application Databank files - 6.1 to 6.4
- CNDBA61O   Convert Outbound Application Databank files - 6.1 to 6.4
- CNDBA62I   Convert Inbound Application Databank files - 6.2 to 6.4
- CNDBA62O   Convert Outbound Application Databank files - 6.2 to 6.4
- CNDBE60I   Convert Inbound EDI Databank files - 6.0 to 6.4
- CNDBE60O   Convert Outbound EDI Databank files - 6.0 to 6.4
- CNDBE61I   Convert Inbound EDI Databank files - 6.1 to 6.4
- CNDBE61O   Convert Outbound EDI Databank files - 6.1 to 6.4
- CNDBE62I   Convert Inbound EDI Databank files - 6.2 to 6.4
- CNDBE62O   Convert Outbound EDI Databank files - 6.2 to 6.4
- CNDRA60I   Convert Realtime Inbound Application Databank files - 6.0 to 6.4
- CNDRA60O   Convert Realtime Outbound Application Databank files - 6.0 to 6.4
- CNDRA61I   Convert Realtime Inbound Application Databank files - 6.1 to 6.4
- CNDRA61O   Convert Realtime Outbound Application Databank files - 6.1 to 6.4
- CNDRA62I   Convert Realtime Inbound Application Databank files - 6.2 to 6.4
- CNDRA62O   Convert Realtime Outbound Application Databank files - 6.2 to 6.4
- CNDRE60I   Convert Realtime Inbound EDI Databank files - 6.0 to 6.4
- CNDRE60O   Convert Realtime Outbound EDI Databank files - 6.0 to 6.4
- CNDRE61I   Convert Realtime Inbound EDI Databank files - 6.1 to 6.4
- CNDRE61O   Convert Realtime Outbound EDI Databank files - 6.1 to 6.4
- CNDRE62I   Convert Realtime Inbound EDI Databank files - 6.2 to 6.4
- CNDRE62O   Convert Realtime Outbound EDI Databank files - 6.2 to 6.4
- CNMAP60   Full Conversion of Mapping System - 6.0 to 6.4
- CNMAP60A   Incremental Conv. Mapping Appl. - 6.0 to 6.4
- CNMAP60C   Incremental Conv. Mapping Codes - 6.0 to 6.4
- CNMAP60T   Incremental Conv. Mapping Trans. - 6.0 to 6.4
- CNMAP61   Full Conversion of Mapping System - 6.1 to 6.4

- CNMAP61A   Incremental Conv. Mapping Appl. - 6.1 to 6.4
- CNMAP61C   Incremental Conv. Mapping Codes - 6.1 to 6.4
- CNMAP61T   Incremental Conv. Mapping Trans. - 6.1 to 6.4
- CNMAP62   Full Conversion of Mapping System - 6.2 to 6.4
- CNMAP62A   Incremental Conv. Mapping Appl. - 6.2 to 6.4
- CNMAP62C   Incremental Conv. Mapping Codes - 6.2 to 6.4
- CNMAP62T   Incremental Conv. Mapping Trans. - 6.2 to 6.4
- CNMSG60   Convert Error Message file - 6.0 to 6.4
- CNMSG61   Convert Error Message file - 6.1 to 6.4
- CNMSG62   Convert Error Message file - 6.2 to 6.4
- CNPRL61   Convert Partner Relationship file - 6.1 to 6.4
- CNPRL62   Convert Partner Relationship file - 6.2 to 6.4
- CNPRT60   Full Conversion Partner & Control files - 6.0 to 6.4
- CNPRT60P   Incremental Conv Partner & Control files - 6.0 to 6.4
- CNPRT61   Full Conversion Partner & Control files - 6.1 to 6.4
- CNPRT61P   Incremental Conv Partner & Control files - 6.1 to 6.4
- CNPRT62   Full Conversion Partner & Control files - 6.2 to 6.4
- CNPRT62P   Incremental Conv Partner & Control files - 6.2 to 6.4
- CNRTE60   Converts the Gentran:Realtime system files
- CNRTE61   Converts the Gentran:Realtime system files
- CNRTE62   Converts the Gentran:Realtime system files
- CNSEC60   Convert Online Security file - 6.0 to 6.4
- CNSEC61   Convert Online Security file - 6.1 to 6.4
- CNSEC62   Convert Online Security file - 6.2 to 6.4
- CNSTD60   Convert Online Standards - 6.0 to 6.4
- CNSTD61   Convert Online Standards - 6.1 to 6.4
- CNSTD62   Convert Online Standards - 6.2 to 6.4
- CNXRF60   Convert Partner Cross Reference file - 6.0 to 6.4
- CNXRF61   Convert Partner Cross Reference file - 6.1 to 6.4
- CNXRF62   Convert Partner Cross Reference file - 6.2 to 6.4

Renamed JCL Members

Old JCL Member	New JCL Member	Member Description
EXEC066	EXEC074	Application Change Audit Maintenance (EBDI074)

Changed JCL Members

EXEC002A – Executes the Outbound Editor program for outbound acknowledgments

In STEP 6 the DCB parameter for SYSSIT has been changed:

```
//SYSSIT   DD  DSN=&&TRANS,
//               DISP=(NEW,DELETE),
//               UNIT=DISK,
//               VOL=SER=XXXXXX,
//               SPACE=(TRK,(15,15),RLSE),
//               DCB=(LRECL=522,BLKSIZE=5220,RECFM=FB)
```

EXEC002B – Executes the Outbound Envelope Generator and Editor programs for unenveloped outbound acknowledgments

In STEP 8 the DCB parameter for SYSSIT has been changed:

```
//SYSSIT   DD  DSN=&&TRANS,
//               DISP=(NEW,DELETE),
//               UNIT=DISK,
//               VOL=SER=XXXXXX,
//               SPACE=(TRK,(15,15),RLSE),
//               DCB=(LRECL=522,BLKSIZE=5220,RECFM=FB)
```

EXEC016 – Executes the Outbound Data Split program

In STEP 2 the DCB parameter for SYSSIT has been changed:

```
//SYSSIT   DD  DSN=&&TRANS,
//               DISP=(NEW,DELETE),
//               UNIT=DISK,
//               VOL=SER=XXXXXX,
//               SPACE=(TRK,(15,15),RLSE),
//               DCB=(LRECL=522,BLKSIZE=5220,RECFM=FB)
```

EXEC041 – Executes the Inbound Mapping program

In STEP 2 the SPACE and DCB parameters for SYS007 have been changed:

```
//SYS007   DD  DSN=GENTRAN.V6X5.PGM041.SUMMARY,
//               DISP=(NEW,CATLG,CATLG),
//               UNIT=DISK,
//               VOL=SER=XXXXXX,
//               SPACE=(700,(1,0)),
//               DCB=(BLKSIZE=700,LRECL=700,RECFM=F)
```

EXEC042 – Executes the Outbound Mapping program

In STEP 2 the SPACE and DCB parameters for SYS007 have been changed:

```
//SYS007    DD  DSN=GENTRAN.V6X5.PGM042.SUMMARY,
//              DISP=(NEW,CATLG,CATLG),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(700,(1,0)),
//              DCB=(BLKSIZE=700,LRECL=700,RECFM=F)
```

EXEC510 – Executes the Acknowledgment Reconciliation Monitor program

In STEP1 a new DD statement has been added for the Acknowledgment Overdue file:

```
//ACKOVR    DD  DSN=GENTRAN.V6X5.VSAM.ACK.OVERDUE,
//              DISP=SHR
```

INBOUND – Executes the Inbound processing flow

In STEP12 the SPACE and DCB parameters for SYS007 have been changed:

```
//SYS007    DD  DSN=GENTRAN.V6X5.PGM041.SUMMARY,
//              DISP=(NEW,CATLG,CATLG),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(700,(1,0)),
//              DCB=(BLKSIZE=700,LRECL=700,RECFM=F)
```

OUTBOUND – Executes the Outbound processing flow

In STEP 2 the SPACE and DCB parameters for SYS007 have been changed:

```
//SYS007    DD  DSN=GENTRAN.V6X5.PGM042.SUMMARY,
//              DISP=(NEW,CATLG,CATLG),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(700,(1,0)),
//              DCB=(BLKSIZE=700,LRECL=700,RECFM=F)
```

In STEP 9 the DCB parameter for SYSSIT has been changed:

```
//SYSSIT    DD  DSN=&&TRANS,
//              DISP=(NEW,DELETE),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(TRK,(15,15),RLSE),
//              DCB=(LRECL=522,BLKSIZE=5220,RECFM=FB)
```

Chapter

6   Gentran:Structure Release Notes and Impact Information

Overview

This chapter contains release notes and impact information for Gentran:Structure® for zSeries Release 6.5.

This chapter contains the following topics:

Release Notes

General Enhancements

Compatibility with Gentran:Basic and Gentran:Realtime for zSeries Release 6.5

This release of Gentran:Structure has been made compatible with Gentran:Basic and Gentran:Realtime for zSeries Release 6.5.

Upgrade of COBOL

The entire Gentran:Structure product has been upgraded to IBM Enterprise COBOL for z/OS version 3 release 4.

Point Release

The EDIM000 Logon screen has been modified to display the currently installed Point Release level for all of the installed Gentran products including Gentran:Structure. This can be very valuable information to be used when contacting the Gentran Software Product Support Center.

Processing Enhancements

CICS Performance Improvement

All of the CICS mapsets have been link edited with the AMODE 31 and RMODE ANY attributes to enable them to be located above the 16MB line in virtual storage.

Impact Information

Introduction

This release of Gentran:Structure was developed to keep the impact on our existing customer base as small as possible, while at the same time adding new functionality to the product. For current Gentran users, some of the new features may impact how you configure the system and how you use the product. This section describes the impact of Release 6.5 on your current system.

Online Program Changes

New Online Programs

Point Release Number for Gentran:Structure (EDIPRSTR)
This module will be accessed by the EDIM000 Logon screen to obtain the point release number for Gentran:Structure.

Batch Program Changes

None.

Screen Changes

None.

File Changes

None.

JCL Changes

This section lists the JCL member that were added, deleted, renamed, and changed.

New JCL Members

- PCSTRJC1   Allocate Gentran:Structure current JCL upload file on mainframe
- PCSTRJC2   Unload Gentran:Structure current JCL file
- UPD64   Convert User Envelope File from 6.4 to release 6.5

Deleted JCL Members

- UPD60   Convert User Envelope File from 6.0 to release 6.4
- UPD61   Convert User Envelope File from 6.1 to release 6.4
- UPD62   Convert User Envelope File from 6.2 to release 6.4

Renamed JCL Members

None.

Changed JCL Members

STRINB – Inbound Fixed-Format Processing Flow

In Step 6 the DCB information for Summary file was changed

```
//SYS007    DD  DSN=GENTRAN.V6X5.PGM041.SUMMARY,
//              DISP=(NEW,CATLG,CATLG),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(700,(1,0)),
//              DCB=(BLKSIZE=700,LRECL=700,RECFM=F)
```

STROUT – Outbound Fixed-Format Processing Flow

In Step 4 the DCB information for Summary file was changed

```
//SYS007    DD  DSN=GENTRAN.V6X5.PGM042.SUMMARY,
//              DISP=(NEW,CATLG,CATLG),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(700,(1,0)),
//              DCB=(BLKSIZE=700,LRECL=700,RECFM=F)
```

STROUTC – Outbound Fixed-Format Flow - Concurrency

In Step 2 the DCB information for Summary file was changed

```
//SYS007    DD  DSN=GENTRAN.V6X5.PGM042.SUMMARY,
//              DISP=(NEW,CATLG,CATLG),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(700,(1,0)),
//              DCB=(BLKSIZE=700,LRECL=700,RECFM=F)
```

Chapter

7

Gentran:Viewpoint Release Notes and Impact Information

Overview

This chapter contains release notes and impact information for Gentran:Viewpoint® for zSeries Release 6.5.

This chapter contains the following topics:

Release Notes

General Enhancements

Compatibility with Gentran:Basic and Gentran:Realtime Release 6.5

This release of Gentran:Viewpoint has been made compatible with Gentran:Basic and Gentran:Realtime Release 6.5.

Upgrade of COBOL

The entire Gentran:Viewpoint product has been upgraded to IBM Enterprise COBOL for z/OS version 3 release 4.

Point Release

The EDIM000 Logon screen has been modified to display the currently installed Point Release level for all of the installed Gentran products including Gentran:Viewpoint. This can be very valuable information to be used when contacting the Gentran Software Product Support Center.

Processing Enhancements

CICS Performance Improvements

All of the CICS mapsets have been link edited with the AMODE 31 and RMODE ANY attributes to enable them to be located above the 16MB line in virtual storage.

Impact Information

Introduction

This release of Gentran:Viewpoint was developed to keep the impact on our existing customer base as small as possible, while at the same time adding new functionality to the product. For current Gentran users, some of the new features may impact how you configure the system and how you use the product. This section describes the impact of Release 6.5 on your current system.

Online Program Changes

New Online Programs

Point Release Number for Gentran:Viewpoint (EDIPRVPT)
This module will be accessed by the EDIM000 Logon screen to obtain the point release number for Gentran:Viewpoint.

Batch Program Changes

None.

Screen Changes

None.

File Changes

None.

JCL Changes

This section lists the JCL member that were added, deleted, renamed, and changed.

New JCL Members

- PCVPTJC1   Allocate Gentran:Viewpoint current JCL upload file on mainframe
- PCVPTJC2   Unload Gentran:Viewpoint current JCL file

Deleted JCL Members

None.

Renamed JCL Members

None.

Changed JCL Members

INGPL – Executes the Inbound processing flow for Gentran:Plus with modifications for Gentran:Viewpoint

In STEP 16 the SPACE and DCB parameters for SYS007 have been changed:

```
//SYS007    DD  DSN=GENTRAN.V6X5.PGM041.SUMMARY,
//              DISP=(NEW,CATLG,CATLG),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(700,(1,0)),
//              DCB=(BLKSIZE=700,LRECL=700,RECFM=F)
```

In STEP 28 the DCB parameter for SYSSIT has been changed:

```
//SYSSIT    DD  DSN=&&TRANS,
//              DISP=(NEW,DELETE),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(TRK,(15,15),RLSE),
//              DCB=(LRECL=522,BLKSIZE=5220,RECFM=FB)
```

OUTGPL – Executes the Outbound processing flow for Gentran:Plus with modifications for Gentran:Viewpoint

In STEP 2 the SPACE and DCB parameters for SYS007 have been changed:

```
//SYS007    DD  DSN=GENTRAN.V6X5.PGM041.SUMMARY,
//              DISP=(NEW,CATLG,CATLG),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(700,(1,0)),
//              DCB=(BLKSIZE=700,LRECL=700,RECFM=F)
```

In STEP 9 the DCB parameter for SYSSIT has been changed:.

```
//SYSSIT    DD  DSN=&&TRANS,
//              DISP=(NEW,DELETE),
//              UNIT=DISK,
//              VOL=SER=XXXXXX,
//              SPACE=(TRK,(15,15),RLSE),
//              DCB=(LRECL=522,BLKSIZE=5220,RECFM=FB)
```