

Gentran:Realtime<sup>®</sup> for zSeries

# User's Guide

Release 6.5

**Sterling Commerce**  
*An AT&T Company*

Sterling Commerce (Mid America), Inc.  
4600 Lakehurst Court Dublin, OH 43016-2000 \* 614/793-4000  
© Copyright 1988 – 2009—Sterling Commerce, Inc.

2217-650-USER01-0001

July 2009

Gentran:Realtime for zSeries  
© Copyright 1988 – 2009  
Sterling Commerce, Inc.  
ALL RIGHTS RESERVED

**Sterling Commerce Software**

**Trade Secret Notice**

**THE GENTRAN:REALTIME AND GENTRAN:BASIC FOR ZSERIES SOFTWARE ("STERLING COMMERCE SOFTWARE") IS THE CONFIDENTIAL AND TRADE SECRET PROPERTY OF STERLING COMMERCE, INC., ITS AFFILIATED COMPANIES OR ITS OR THEIR LICENSORS, AND IS PROVIDED UNDER THE TERMS OF A LICENSE AGREEMENT. NO DUPLICATION OR DISCLOSURE WITHOUT PRIOR WRITTEN PERMISSION. RESTRICTED RIGHTS.**

This documentation, the Sterling Commerce Software it describes, and the information and know-how they contain constitute the proprietary, confidential and valuable trade secret information of Sterling Commerce, Inc., its affiliated companies or its or their licensors, and may not be used for any unauthorized purpose, or disclosed to others without the prior written permission of the applicable Sterling Commerce entity. This documentation and the Sterling Commerce Software that it describes have been provided pursuant to a license agreement that contains prohibitions against and/or restrictions on their copying, modification and use. Duplication, in whole or in part, if and when permitted, shall bear this notice and the Sterling Commerce, Inc. copyright notice.

As and when provided to any governmental entity, government contractor or subcontractor subject to the FARs, this documentation is provided with RESTRICTED RIGHTS under Title 48 CFR 52.227-19. Further, as and when provided to any governmental entity, government contractor or subcontractor subject to DFARs, this documentation and the Sterling Commerce Software it describes are provided pursuant to the customary Sterling Commerce license, as described in Title 48 CFR 227-7202 with respect to commercial software and commercial software documentation.

These terms of use shall be governed by the laws of the State of Ohio, USA, without regard to its conflict of laws provisions. If you are accessing the Sterling Commerce Software under an executed agreement, then nothing in these terms and conditions supersedes or modifies the executed agreement.

Product names mentioned herein may be trademarks and/or registered trademarks of their respective companies. Gentran, Gentran:Basic, Gentran:Control, Gentran:Plus, Gentran:Realtime, Gentran:Structure, and Gentran:Viewpoint are registered trademarks of Sterling Commerce, Inc.

**Third Party Software:**

Portions of the Sterling Commerce Software may include products, or may be distributed on the same storage media with products, ("Third Party Software") offered by third parties ("Third Party Licensors").

**Warranty Disclaimer**

This documentation and the Sterling Commerce Software which it describes are licensed either "AS IS" or with a limited warranty, as set forth in the Sterling Commerce license agreement. Other than any limited warranties provided, NO OTHER WARRANTY IS EXPRESSED AND NONE SHALL BE IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE OR FOR A PARTICULAR PURPOSE. The applicable Sterling Commerce entity reserves the right to revise this publication from time to time and to make changes in the content hereof without the obligation to notify any person or entity of such revisions or changes.

The Third Party Software is provided 'AS IS' WITHOUT ANY WARRANTY AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. FURTHER, IF YOU ARE LOCATED OR ACCESSING THIS SOFTWARE IN THE UNITED STATES, ANY EXPRESS OR IMPLIED WARRANTY REGARDING TITLE OR NON-INFRINGEMENT ARE DISCLAIMED.

# Table of Contents

## Chapter 1 Getting Started

|                                                                     |      |
|---------------------------------------------------------------------|------|
| Overview .....                                                      | 1-1  |
| Overview of Gentran:Realtime .....                                  | 1-3  |
| Overview of Features .....                                          | 1-5  |
| System Overview .....                                               | 1-13 |
| How Gentran:Realtime Operates .....                                 | 1-16 |
| Monitoring System Activity .....                                    | 1-17 |
| Dynamically Enabling or Disabling the Gentran:Realtime System ..... | 1-17 |
| Who Should Maintain the Gentran:Realtime System .....               | 1-17 |
| Gentran:Realtime Menus .....                                        | 1-18 |
| Gentran:Realtime Screens .....                                      | 1-19 |
| Function Keys .....                                                 | 1-22 |
| Common Keyboard Conventions .....                                   | 1-23 |
| Basic File Maintenance Procedures .....                             | 1-24 |
| Jump Codes .....                                                    | 1-25 |
| Interactions Between Gentran:Basic and Gentran:Realtime .....       | 1-28 |
| Gentran:Plus Processing .....                                       | 1-31 |

## Chapter 2 System Setup Screens

|                                               |               |      |
|-----------------------------------------------|---------------|------|
| Overview .....                                | 2-1           |      |
| Gentran:Realtime Main Menu..... EDIM800 ..... | 2-2           |      |
| System Maintenance Menu .....                 | EDIM801 ..... | 2-5  |
| System Options Screen .....                   | EDIM301 ..... | 2-8  |
| Immediate Directory Screen.....               | EDIM810 ..... | 2-14 |
| Immediate Options Screen .....                | EDIM811 ..... | 2-17 |
| Queue Directory Screen .....                  | EDIM302 ..... | 2-22 |
| Queue Options Screen .....                    | EDIM303 ..... | 2-26 |
| Extended Queue Options Screen.....            | EDIM305 ..... | 2-36 |
| Queue Options Debug Detail Screen.....        | EDIM306 ..... | 2-39 |
| Queue File Data Detail Screen .....           | EDIM307 ..... | 2-44 |
| Schedule Directory Screen .....               | EDIM820 ..... | 2-46 |
| Schedule Options Screen.....                  | EDIM821 ..... | 2-49 |
| Extended Schedule Options Screen.....         | EDIM822 ..... | 2-54 |

## Table of Contents

---

### Chapter 3 Monitoring Function Screens

|                                                 |              |
|-------------------------------------------------|--------------|
| Overview .....                                  | 3-1          |
| Online Log Display Screen .....                 | EDIM304 3-2  |
| Online Log Detailed Display Screen .....        | EDIM308 3-9  |
| Report Selection Screen .....                   | EDIM310 3-14 |
| Gentran:Realtime EDI Report Display Screen..... | EDIM311 3-21 |
| Exception Processing Directory Screen .....     | EDIM850 3-24 |
| Exception Data List Screen .....                | EDIM851 3-29 |
| Exception Data Detail Screen.....               | EDIM853 3-33 |
| Gentran:Realtime Activity Summary Screen .....  | EDIM870 3-35 |
| Gentran:Realtime Activity Detail Screen.....    | EDIM871 3-38 |
| OCF Change Audit Directory.....                 | EDIM320 3-43 |
| OCF Change Audit Status .....                   | EDIM321 3-45 |
| OCF Change Audit Detail .....                   | EDIM322 3-48 |
| Request Change Audit Directory.....             | EDIM880 3-50 |
| Request Change Audit Status .....               | EDIM881 3-52 |
| Request Change Audit Detail .....               | EDIM882 3-55 |

### Chapter 4 Translation Parameter Screens

|                                     |             |
|-------------------------------------|-------------|
| Overview .....                      | 4-1         |
| Enhanced Navigation Feature .....   | 4-3         |
| Path Options Directory Screen ..... | EDIM830 4-4 |
| Outbound Flow .....                 | 4-7         |
| Inbound Flow .....                  | 4-95        |

### Chapter 5 Utility Screens

|                                                    |              |
|----------------------------------------------------|--------------|
| Overview .....                                     | 5-1          |
| Online Copy Maintenance Screen .....               | EDIM860 5-2  |
| Databank Parameter Maintenance Menu.....           | EDIM862 5-7  |
| Outbound Application Databank Screen .....         | EDIM863 5-10 |
| Outbound EDI Databank Screen .....                 | EDIM864 5-17 |
| Inbound EDI Databank Screen.....                   | EDIM865 5-26 |
| Inbound Application Databank Screen.....           | EDIM866 5-33 |
| Change Audit Maintenance Screen .....              | EDIM874 5-40 |
| Acknowledgment Parameter Maintenance Screen.....   | EDIM867 5-46 |
| Separator Main Menu.....                           | EDIM934 5-50 |
| Separator Systems Options Maintenance Screen ..... | EDIM935 5-52 |
| Priority Options Directory Screen .....            | EDIM936 5-59 |
| Priority Options Maintenance Screen.....           | EDIM937 5-62 |
| Separator Monitor Screen.....                      | EDIM938 5-67 |

**Chapter 6 Configuration Strategies**

|                                                                   |       |
|-------------------------------------------------------------------|-------|
| Overview .....                                                    | 6-1   |
| Before You Begin .....                                            | 6-4   |
| Developing a Configuration Strategy .....                         | 6-5   |
| Configuring Application Interfaces .....                          | 6-12  |
| Configuring Error Handling and Monitoring .....                   | 6-43  |
| Configuring TSQ Chaining .....                                    | 6-60  |
| Configuring Databanking .....                                     | 6-63  |
| Configuring System Performance .....                              | 6-107 |
| Configuring Separator/Router/Splitter Processing .....            | 6-119 |
| Configuring Communications .....                                  | 6-143 |
| Configuring Printed Audit Reports .....                           | 6-163 |
| Configuring Gentran:Realtime for Associated Data Processing ..... | 6-166 |
| Configuring Asynchronous Reporting .....                          | 6-171 |
| Configuring JCL Submission and User Security .....                | 6-175 |

**Appendix A Jump Codes**

|                                  |     |
|----------------------------------|-----|
| Jump Codes by Screen Title ..... | A-1 |
| Jump Codes by Screen Name .....  | A-3 |

**Appendix B System Flow Charts**

|                |     |
|----------------|-----|
| Overview ..... | B-1 |
|----------------|-----|

**Appendix C Temporary Storage Queue Usage**

|                                |     |
|--------------------------------|-----|
| Temporary Storage Queues ..... | C-1 |
| Terminal-Oriented TSQs .....   | C-2 |

**Appendix D Lock Levels & Multi-threading Considerations**

|                   |     |
|-------------------|-----|
| Lock Levels ..... | D-1 |
|-------------------|-----|

**Appendix E CICS Region Information**

|                                                  |     |
|--------------------------------------------------|-----|
| File Sharing Between Batch and CICS .....        | E-1 |
| CICS Region Configuration and Requirements ..... | E-2 |

**Glossary**

|                               |      |
|-------------------------------|------|
| Definition of Terms .....     | G-1  |
| Reserved Word Constants ..... | G-13 |
| Application Data Types .....  | G-17 |
| EDI Data Types .....          | G-20 |

**Index**

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.