



Multi-Enterprise Finance Gateway 4.2
B2B for Multi-Enterprise Collaboration, Finance Guide to
What's New

Document version 1.00

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It's a multi-Enterprise world.

Sterling announces the Multi-Enterprise Finance Gateway, bringing an efficient, standards-based, SOA-oriented solution to Financial IT B2B implementations.

Because of its role as the primary conduit between financial institutions and the outside world in the exchange of business documents, the Multi-Enterprise Finance Gateway incorporates a wide range of standards and protocols of interest to the finance industry. We are glad to make these available to our customers.

The following short paragraphs give a quick window into the capabilities that are available in the Multi-Enterprise Finance Gateway. We hope you find them helpful to your business.

About Multi-Enterprise Finance Gateway:

Built on Sterling's Gentran Integration Suite, the Multi-Enterprise Finance Gateway is designed to enable enterprise agility in both document exchange and message translation. For enterprises, agility facilitates synchronization between business partners and customers. Whether global or local, we need to reach our community with what they need, as they need it.

This collaboration between businesses is a key component of success. The business owners demand tight relationships to exact maximum value from a partnership. The underlying infrastructure needs to support and even enhance the needs of this relationship.

In the past we have primarily used B2B as a way to decrease costs by automating or eliminating manual processes. Now, many forward-looking companies are deploying B2B technologies that give them greater visibility and insight into their business, and then they are exploiting that visibility to create a sustainable competitive advantage and grow earnings.

Multi-Enterprise Finance Gateway is a continuation of Sterling Commerce's efforts to assist customers in gaining greater visibility into their business and that of their business partners.

Financial & Business Standards

Sterling’s Multi-Enterprise Finance Gateway comes prepackaged with standards in demand from our financial customers.

Financial Standards

- ACH 2006
- BECS (Australia)
- EBA Step 2
- FIXML
- FpML
- FpML
- IFX
- OFX
- TWIST
- SWIFT
- FIN MT Messages (2005 & 2006) - ISO 15022
- Standard MX Messages - ISO 20022
- SWIFTNet Solutions for
 - Cash Reporting
 - Corporate Actions
 - Errors & Investigations
 - FUNDS
 - Trade Services Utility
- TARGET2

Business (Horizontal) Standards

- CB2XML (Copybook to XML)
- CII
- Database
- EDI ANSI x12
- EDIFACT (Including AUTACK)
- Flat File
- XML (DTD’s & Schema’s)

Advanced File Transfer

The Multi-Enterprise Finance Gateway incorporates AFT (Advanced File Transfer) as its core for file transfer-oriented business problems. Implemented within the powerful, AFT Router application, it is designed to address two major customer scenarios:

- Large scale “door to door” file exchange, in a multi-enterprise context and within a large global organization. With a partner network comprised of multiple, perhaps thousands, of globally dispersed partners, feeding multiple business units within your own organization requires a “next generation” file transfer solution, with enhanced functionality for rapid partner on-boarding, change management, and broader file transfer protocol coverage.

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- Small business (SMB) enablement for very large scale electronic document exchange “hubs”. The typical “spoke” community member is an occasionally connected user with a lightweight data exchange requirement. An example could be a major manufacturer with a large retailer network requiring periodic secure and reliable file exchange.

Multi-Enterprise Finance Gateway provides:

- Advanced security
- Connect:Direct and secure Internet protocols with bridging to message-oriented middleware
- Advanced mailboxing
- Process and event-driven information flow with available data transformation and translation
- Highly-scalable framework based on service-oriented architecture
- Centralized partner management and visibility

Genran Integration Suite 4.2 updates

The following updates to Genran Integration Suite 4.2 support the Multi-Enterprise Financial Gateway.

Reporting Services

Reporting Services is a set of Genran Integration Suite tools that enable you to define and see your data in ways that support your business. Reporting Services allows you to offload your reporting to a secondary database, freeing the Genran Integration Suite server to continue operational processing while your visibility and reporting can be worked on separately.

Reporting Services provides:

- An infrastructure to collect and manage data explicitly for the creation of historical reports and current, online dashboards
- The ability to easily retain reporting data for extended periods of time
- An alternative to correlation tables
- A new set of system and operational reports, all of which can be edited
- An infrastructure that can be used to create audit trails for EDI and other translation operations

In addition to reports and dashboards, data collected through Reporting Services can be exported for use in OLAP (Online Analytical Processing) processing, incorporated

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in an existing data warehouse, or used as a data source for leading Business Intelligence products (such as Cognos or Business Objects).

Reporting Services provides the infrastructure you can use to create the technical, statistical, and business reports that can help you make better, faster, and more profitable decisions.

Sterling Control Center Integration

Sterling Control Center has already added the capability to monitor and manage Gentran Integration Suite as a part of its umbrella network. With Multi-Enterprise Finance Gateway, the capabilities are available to participate fully within this network.

Use Sterling Control Center to monitor Multi-Enterprise Finance Gateway and its Connect:Direct traffic with your other Connect:Direct nodes. Or, monitor the internal processes that Multi-Enterprise Finance Gateway is executing, be notified of failed processing, or of other events, using the Sterling Control Center management capabilities.

Hardware Security Module (HSM) Attachment

A Hardware Security Module (HSM) is a hardware-based security device that generates, stores, and protects cryptographic keys. Using this mechanism, customers can ensure tighter control of cryptographic keys, keeping them managed by hardware rather than software mechanisms. Multi-Enterprise Finance Gateway supports attachment to the SafeNet Eracom ProtectServer Orange External and ProtectServer Gold.

Encrypting System Data

Multi-Enterprise Finance Gateway offers the option to automatically encrypt and store data securely in the file system and automatically decrypt them when the files are accessed for transfer or translation.

Keeping the files under system encryption closes a potential security gap for those with concerns about temporary storage of data awaiting processing. When needed for processing, Multi-Enterprise Finance Gateway will decrypt the awaiting document for use.

Odette FTP Adapter

The Odette FTP Adapter is a new adapter that natively supports OFTP with Multi-Enterprise Finance Gateway, on all Multi-Enterprise Finance Gateway platforms. It supports point-to-point communication between trading partners using the OFTP 1.2 protocol over ISDN as an underlying communication protocol. The Odette FTP adapter implements the complete OFTP and CAPI protocol stack.

Customers with the current OFTP adapter gain access to this native Odette FTP adapter free of charge.

JVM Daylight Savings Time

The Energy Policy Act of 2005 revised the effective dates for Daylight Savings Time. Starting in 2007, U.S. Daylight Savings Time will begin on the second Sunday of March and end the first Sunday of November. Under the old schedule, Daylight Savings Time ran the first Sunday in April through the last Sunday in October.

As a result of the Daylight Savings Time change, software products using time or time zone functionality in older operating systems and Java platforms may report incorrect time during the last three weeks of March and the first week of November. This change affects many software products, including those from Sterling Commerce.

The issue will have the greatest impact on customers in the U.S., but could affect customers outside the U.S. who have configured their software deployments for U.S. time zones.

Multi-Enterprise Finance Gateway is validated against Java Virtual Machines (JVMs) that are aware of the Policy Act changes. Customers will want to install and migrate to Multi-Enterprise Finance Gateway prior to the March DST changeover.