Sterling Integrator 5.0

Guide to What's New

Document version 1.07

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Sterling Integrator 5.0 is the next release of Gentran Integration Suite 4.3 product. From this release onwards, 'Gentran Integration Suite' will be known as 'Sterling Integrator', emphasizing our efforts to tie together applications, processes, data, and people, both inside and outside of your immediate organization.

The new name reflects the extensive capabilities this product provides and the wide range of different integration challenges that our customers solve with Sterling Integrator.

The pages below outline important new features to Sterling Integrator 5.0, as well as updates to existing features that our customers have requested.

About Sterling Integrator:

Sterling Integrator is designed to enable enterprise agility. For enterprises, agility facilitates synchronization between business partners, suppliers, vendors, service organizations, and even customers. Whether global or local, we need to supply each of our customers what they need when they need it.

Collaboration between businesses is a key component of this success. The business owners demand tight relationships to exact maximum value from a partnership. The underlying B2B 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.

Sterling Integrator 5.0 is a continuation of Sterling Commerce's efforts to assist customers in gaining greater visibility into their business and that of their business partners.

Sterling Community Manager

Sterling Community Manager is a new feature available to Sterling Integrator 5.0 customers.

Sterling Community Manager enables Sterling Integrator customers to manage their partner communities more effectively by providing state-of-the-art partner on-boarding and partner management capabilities. It is optionally installed and requires additional hardware resources.

Sterling Community Manager is available in two versions:

Standard – Available to all Sterling Integrator 5.0 customers at no additional cost, this version is targeted at those with infrequent to moderate partner management demands, yet still desire controlled processes and simple GUI interface for on-boarding. Features include:

- Standardized, out of the box on-boarding questionnaires for common communication protocols and standards

- A flexible framework for managing the on-boarding process itself

- Automating the creation and maintenance of partner-related configuration and resources in Sterling Integrator

Enterprise – This priced version is targeted at Sterling Integrator customers with a large partner community, or those which requires scalable tools to ease the demands of partner management. All Sterling Commerce customers using Sterling Integrator 5.0 can purchase this option. Features include:

- All the features of *Standard* version, plus

- Self Service – Ability for Partners to respond to the questionnaires remotely over the web

- Campaigns – Ability to send and manage group invitations to Partners to on-board

- Custom Questions – Ability to create custom questions

- Internal Routing – Ability to orchestrate a complex on-boarding process across multiple teams

This release of Sterling Community Manager will support a number of protocols out of the box*. Programs and question blocks will be provided for:

Communication protocols

- AS2

- AS3

- HTTP/HTTPS

- FTP/FTPS

- Connect Direct

- SSH/SFTP

- PGP

- WebDAV

Security

- Certificate upload/download

Standards

- X12

- EDIFACT

Mailbox

- Mailbox Creation

- Setup User Permissions

- Setup Credentials (username/password)

- Apply Routing Rules (setup in SI)

* Support for additional protocols and standards will be added on a regular basis. Please contact your Sterling Commerce sales representative for an updated list.

In addition, customers who purchase the 'Enterprise' version can create the Custom question blocks to support other protocols and standards not supported out of the box (additional configuration may be required in SI).

Sterling community Manager is not the only way to on-board the partners; partners can be configured in Sterling Integrator directly.

If you are planning to use Sterling File Gateway or any other Sterling product with Sterling Community Manager, please check with your Sterling Commerce sales representative for compatibility.

Web Services

Sterling Integrator 5.0 features a number of enhancements in the web-services functionality. Enhancements include:

- Compliance with WS-I and Interoperability

  o .NET 1.1 and 2.0

  o AXIS 1.2 and 2.0

  o Inter-operability with Xfire 1.2.6

  o Inter-operability with JavaEES

  o SOAP Fault Handling compliant with SOAP 1.1 spec

- WSDL Output Schema – Ability to specify a schema for WSDL output

AS3

First available as an update to Gentran Integration Suite 4.3, AS3 is now generally available as an alternative non-repudiation file transfer mechanism in Sterling Integrator 5.0 as a priced option.

IPV6

IPv6 is short for "Internet Protocol Version 6". IPv6 is the "next generation" protocol designed by the IETF to replace the current version Internet Protocol, IP Version 4 ("IPv4").

Sterling Commerce is committed to support IPV6 across the Sterling Integrator deployment stack.

Sterling Integrator 5.0 will support IPV6 protocol assuming the underlying operating system, database and network hardware used by the customer support IPV6. A number of adapters/services within SI 5.0 may not support IPV6 as they use libraries provided by third parties and their IPV6 versions have not been released yet.

If you considering deploying SI 5.0 in an IPV6 environment, please reach out to Sterling Integrator's Technical Support to make sure that the adapters and services you are planning to use support IPV6.

Sterling e-Invoice Gateway

Sterling Integrator 5.0 supports the latest release of the Sterling e-Invoice Gateway product. Sterling e-Invoice Gateway provides a solution for multi-country tax compliance requirements.

Security

In Sterling Integrator 5.0, capability to have multiple active certificates for partners has been added via the partner profiles interface. Multiple Certificate capability has been added for

Document exchange

Signing Key Certificate and Signing User Certificate.

Transports:

SMIME Decryption Certificate (System Store)

Key Certificate (System Store)

This will allow certificates with overlapping timeframes to exist at the same time, so that when one certificate expires, the second certificate is ready to take over. This feature will reduce the system down time and also decrease the effort needed to maintain partner certificates.

Sterling Integrator 5.0 now provides SSL support for all the out of the box UIs.

In addition, other enhancements include:

- Improved password security

- Forward proxy support for HTTP

Deprecation Tool

Sterling Integrator 5.0 introduces a deprecation tool to assist in identifying resources which have been deprecated.

This tool analyzes the Sterling Integrator's instance and produces a report of deprecated items. The report includes the resource name, deprecation date and the name of the new resource being introduced to replace the deprecated one.

Upon upgrading to Sterling Integrator 5.0, it is highly recommended that customers run the deprecation report to analyze their instance of Sterling Integrator 5.0. Customers should make plans to adopt the new resources. This will eliminate problems when deprecated resources reach the final stage of deprecation and are no longer in the product.

This will help the customers in planning for adopting the new resources and remove any surprises down the road when the deprecated resources stop functioning.

General Enhancements

There are general enhancements in the product in various areas such as:

- Installer – Enhanced installation which includes a new graphic installer

- Standards/Protocols – Numerous enhancements including:

    o OFTP adapter will now support version 2.0 of the OFTP standard

    o HTTP Adapter upgrade to the latest version of JETTY for third party provided enhancements

    o JMS and ActiveMQ versions used in the product have been upgraded

- Documentation related improvements

    o The SI 5.0 Online library, as well as previous versions, has new Google search capabilities, enhancing your search for targeted content

    o Secure authentication required to access SI 5.0 Online Library – you will be prompted to set up a username and password via Customer Center to access the SI 5.0 Online Library

    o SI 5.0 release contains JAVA Docs for a number of APIs

    o MESA Studio developer's guide is available with SI 5.0

- From Sterling Integrator 5.0 onwards, the media for the Sterling Integrator software will also contain the appropriate JDK required for the installation.

Inclusion of the JDK makes it easier for customers to install the correct version, as well as saves time and steps in the installation process.

Please make sure that the version of the JDK on the installation media is compatible with your operating system.

The complete list of JDKs used by Sterling Integrator 5.0 for supported platforms can be found under Systems Requirements at

http://www.sterlingcommerce.com/Documentation/SI50/homepage.htm

System Environments

Sterling Integrator 5.0 will support a number of new platforms

- Red Hat Enterprise Linux 5 will be supported for 64 bit – X86 architectures

- IBM's DB2 9.1 will be supported for the following versions

  o Standard

  o Clustered

- SI 5.0 will support 64 bit JDKs for all the supported variants of UNIX

For a detailed list of supported operating systems, databases and JDKs please refer to the *Systems Requirement* section in the product documentation.

http://www.sterlingcommerce.com/Documentation/SI50/homepage.htm

New Training Courses

To learn more about the new features, Sterling Integrator 5.0 customers can choose from the following new courses:

- Sterling Trading Partner Management (3 days Instructor Led)

- Sterling e-Invoice Gateway (2 days Instructor Led)

- Sterling File Gateway (2 days Instructor Led)

- Sterling Integrator V5.0 New Features (1 hour self-paced tutorial)

Customers can visit our training site to learn more about these courses

http://education.sterlingcommerce.com