Sterling Commerce
Product Documentation

Connect:Enterprise Secure Client Version 1.3.03 for Windows and Version 1.3.02 for UNIX

Release Notes

Sterling Commerce
An IBM Company

Connect:Enterprise Secure Client Version 1.3.03 for Windows and Version 1.3.02 for UNIX Release Notes

First Edition

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STERLING COMMERCE SOFTWARE

TRADE SECRET NOTICE

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Contents

Connect:Enterprise Secure Client Version 1.3.03 for Windows and 1.3.02 for UNIX Release Notes

The *Connect:Enterprise Secure Client Version 1.3.03 for Windows and 1.3.02 for UNIX Release Notes* document supplements Connect:Enterprise Secure Client version 1.3 documentation. Release notes are updated with each release of the product and contain last-minute changes and product requirements, as well as other information pertinent to installing and implementing Connect:Enterprise Secure Client. Read the document in its entirety before installation.

The Connect:Enterprise Secure Client package consists of the distribution media and product publications. The Connect:Enterprise Secure Client application is distributed as follows:

✦ CD-ROM

✦ File downloaded from the Sterling Commerce Electronic Software Distribution Portal

   See *Installing Connect:Enterprise Secure Client from the ESD Portal* on page 10 for instructions.

Product Requirements

Connect:Enterprise Secure Client has the following requirements:

Component or Functionality	Hardware	Software	RAM (min.)	Disk Space (min.)
Connect:Enterprise Secure Client	Microsoft TCP/IP WinSOCK interface	Windows operating system options: ◆ Windows 2008 ◆ Windows Vista ◆ Windows 2003 ◆ Windows 2000 ◆ Windows XP SP2 Sun Java Runtime Environment (JRE) version 1.6, included with the product	512 MB	150 MB
	TCP/IP and Berkeley Software Distribution (BSD), BSD compatible or sockets	UNIX operating system options: ◆ AIX version 5.2 and 5.3 ◆ Solaris version 8, 9, and 10 ◆ HP-UX version 11.11 on a RISC system ◆ Linux Red Hat Enterprise Advanced Server 3.0 and 4.0 on an Intel pentium system ◆ SUSE Linux Enterprise Server version SLES 8 and 9 on an Intel pentium system Java Runtime Environment (JRE) version 1.4.2_12, included with the product. Versions included: IBM JRE for the IBM platform, HP JRE for the HP platform, and SUN JRE for SUN or Linux platforms.	512 MB	100 MB

Note: For all operating systems, ensure that you have downloaded the latest patches to ensure optimal performance.

Features and Enhancements

Connect:Enterprise Secure Client version 1.3.xx has the following features and enhancements:

Version	Enhancement
1.3.03 (Windows only)	Support for 64-bit Batch ID.
	Repackaged with Java 1.6.
1.3.02	Repackaged with Java 1.4.2_12 for 2007 Daylight Savings Time compliance.
1.3.01	Upgraded the version of Java Runtime Environment included with the product to version 1.4.2_10.
1.3.00	Support for the GET, PUT, and PROPFIND functions for the Web-based Distributed Authoring and Versioning (WebDAV) server and Open WebDAV, a public domain implementation.
	Improved access to logging information and field-level Help. The lower portion of the Connect:Enterprise Secure Client screen allows you to view field-level Help or logging information across the width of the screen, making more information visible.

Special Considerations

This section contains considerations in addition to the procedures contained in this document and the other *Connect:Enterprise Secure Client* documents. Refer to the following notes before installing the product.

✦ If less memory is available than required for the Connect:Enterprise Secure Client, it may take longer to start or stop the Scheduler than the User Interface takes to refresh. In this case, the user interface may not show the correct status of the Scheduler. Click **Start** or **Stop** again to refresh the Scheduler status.

✦ On some UNIX systems, if there is not enough available memory or swap space, the **Execute Command Before Transfer** and **Execute Command After Transfer** fields will not work.

If you encounter this issue suddenly after many successful scheduled transfers, stop and restart the Scheduler. Refer to *Starting the Scheduler* and *Stopping the Scheduler* in the Help for instructions.

For a permanent fix, increase the amount of system resources either by increasing the swap space or adding memory.

✦ If you experience Java out-of-memory errors, you may need to edit the SecureClient.lax file in the install directory to enable the application to use more memory. You can edit this file and increase the following setting:

```
LAX.NL.JAVA.OPTION.JAVA.HEAP.SIZE.MAX=512m
```

The default value is 512 MB. Any changes take effect when you restart all components of the application.

✦ If you run more than one instance of Connect:Enterprise Secure Client on the same host, be sure to select a different port for the Scheduler daemon. Additionally, if the application is not shut down properly, you can get an error message stating that another instance is running. If this happens and there are no instances of Connect:Enterprise Secure Client running, you must delete the .uilock file from the installation directory.

✦ If you are running Connect:Enterprise Secure Client on a Linux system, approximately 20 Java processes start when Connect:Enterprise Secure Client is started. This is normal and due to the Linux thread support architecture.

✦ When you are sending, receiving, or listing multiple times to a UNIX or OS/390 Connect:Enterprise server, the server may hang until the server's operating system releases the port. If this is a concern, you can increase the timeout values for the client. It should be high enough so that the connection with the client is not broken. The default value is 10 seconds.

✦ Due to a Java issue, you are not prompted to name a folder when you create a new folder from a browse window in Connect:Enterprise Secure Client. If you create a new folder, the folder is automatically named New Folder and displayed in the list. You may want to create new folders outside of Connect:Enterprise Secure Client.

✦ If you stop the Scheduler daemon and it is processing a job, the Scheduler daemon will not stop completely until it finishes processing the job. It is recommended that you stop any schedules that are running before you stop the Scheduler daemon.

✦ When you transfer a text file in ASCII mode between different operating systems, the file size may change because of the record separators used with each operating system. This is normal behavior for ASCII mode and does not indicate any loss of data.

For example, if a Windows ASCII file is transferred to an FTP server on UNIX, the carriage returns are removed, so the size of the file decreases. If a UNIX file is sent to an FTP server on a Windows platform, carriage returns are added, so the size of the file increases.

Note: The change in file size does not occur if you use binary mode to transfer a text file.

✦ Downloading a file on a UNIX system requires that the file be downloaded to the same location where the Connect:Enterprise Secure Client client is installed. This is not required for a Windows download.

Installation Notes

Before you install Connect:Enterprise Secure Client, read all the information in this section and follow the guidelines.

✦ If you installed a demonstration version, uninstall it before installing the purchased version.

✦ If you are upgrading from a previous version, shut down the application and the Scheduler before running the installation script.

- ✦ Review *Connect:Enterprise Secure Client Version 1.3.03 for Windows and 1.3.02 for UNIX Release Notes* for last-minute product information and pre-installation tasks.

- ✦ Complete any worksheets prior to installing Connect:Enterprise Secure Client.

- ✦ Review your security configuration to ensure compatibility with Connect:Enterprise Secure Client before proceeding with the installation.

- ✦ Verify that you have the current updates for Connect:Enterprise Secure Client. Access current update information, including instructions for applying updates containing product fixes and enhancements, from the Connect product support Web site at www.sterlingcommerce.com. See *Getting Support for Sterling Commerce Products* on page 16 for instructions.

Upgrading to Connect:Enterprise Secure Client Version 1.3.03/1.3.02

If you are upgrading from an existing version of the Connect:Enterprise Secure Client application, observe the following guidelines:

- ✦ The Site Type parameter was introduced in Connect:Enterprise Secure FTP Client version 1.2. If you are upgrading from a version prior to version 1.2, edit all existing site configuration files and add the site type parameter for each Site Type, after you perform the upgrade. Following is a list of the parameters for each site type:

Site Type	Parameter
Standard FTP Server	ftp_server
Sterling Information Broker server	sib_server
Standard SSH Server	ssh_server
Connect:Enterprise FTP Server	ce_ftp_server
Connect:Enterprise SSH Server	ce_ssh_server
WebDAV HTTP Server	webdav_server

Following is an example of the parameter to add to update a Standard FTP Server configuration file. The added parameter is identified in bold font:

```
<ftp_site_name>
remote.ftp.server
</ftp_site_name>
<ftp_site_type>
ftp_server
</ftp_site_type>
<tp_ftp_host>
your.remote.com
</tp_ftp_host>
<tp_ftp_port>
20021
</tp_ftp_port>
```

✦ When upgrading from Connect:Enterprise Secure Client Version 1.2 and retaining the local configuration, if you had a default SSH Client Key defined in the Configuration, you must retype the **Passphrase** and **Verify Passphrase** fields on the **SSH Security** tab. This is only required for the default SSH client key, not for those defined in individual sites.

Installing Connect:Enterprise Secure Client from the ESD Portal

These instructions contain procedures for downloading and installing the Connect:Enterprise Secure Client version 1.3.xx release, including Help. The exact name of the file you download from the Sterling Commerce Electronic Software Distribution (ESD) Portal depends on your operating system. In the following instructions, the term ESD file refers to one of the following files:

Operating System	ESD File Name
UNIX	CE.U_SecureClient.v1302.tar
Windows	CE.W_SecureClient.v1303.zip

Downloading Product Files

These instructions assume that you download the ESD file to a computer running the Windows operating system (OS) and transfer it to the system where you will install it, unless the Windows OS is the target system.

To download the ESD file:

1. Log in to the ESD Portal using the instructions in *Access the ESD Portal* in your Order Confirmation e-mail from Sterling Commerce. The Download Area is displayed.

2. Find Connect:Enterprise Secure Client version 1.3.xx <for Platform> and click **Download**.

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

4. When the **Save As** dialog box opens, specify the location to save the file, or save the file to your desktop.

> **Note:** If Internet Explorer adds a number in brackets to the name of the downloaded file (for example, CE.U_SecureClient*platform*_1[1].3.02.bin), rename the file on the Windows system before you transfer it in binary mode to the system where it will be installed.

5. If the Windows OS is not the target system for the ESD file, transfer the ESD file to the system where you will install it.

> *Caution:* Upload the ESD file to the target system in **binary** mode.

Extracting Files

To extract the files on a UNIX platform, type the following command to retrieve the files from the archive:

```
tar xvf CE.U_SecureClient.v1302.tar
```

The compressed .tar file contains the following files:

File	Description
ReadMe.txt	Describes third-party software copyright information.
aix/ClientInst.bin	Contains AIX installation executable.
hpux/ClientInst.bin	Contains HP-UX installation executable.
linux/ClientInst.bin	Contains Linux installation executable.
solaris/ClientInst.bin	Contains Solaris installation executable.
aix/config.jar hpux/config.jar linux/config.jar solaris/config.jar	The configuration .jar file used during installation.

To extract the files on a Windows platforms, unzip the CE.W_SecureClient.v1303.zip file. The following files are created in a subdirectory called windows:

File	Description
ReadMe.txt	Describes third-party software copyright information.
ClientInst.exe	Windows installation executable.
config.jar	Configuration file used during installation.

Installation Instructions

Before you install Connect:Enterprise Secure Client, read all the information in this section.

✦ Review the installation instructions for Connect:Enterprise Secure Client before installing the product.

✦ Review your security configuration to ensure compatibility with Connect:Enterprise Secure Client before proceeding with the installation.

✦ Close all programs before installing Connect:Enterprise Secure Client, including any anti-virus software.

Complete the following steps to install Connect:Enterprise Secure FTP Client.

1. Do one of the following:

   ◆ If you downloaded the software from the ESD portal, type the following command to change to the directory where you extracted the Connect:Enterprise Secure Client application for your platform:

   ```
   cd download directory/your platform
   ```

   ◆ If you are installing the software from a CD-ROM, insert the Connect:Enterprise Secure Client Installation CD in the CD-ROM drive.

2. Do one of the following:

   ◆ If you are installing on a Windows computer, double click the **ClientInst.exe** file.

   ◆ If you are installing on a UNIX computer, type **ClientInst.bin** and press **Enter**.

3. Review the installation overview screen and click **Next**.

4. Scroll to the bottom of the license agreement and click **Accept**.

5. Accept the default installation folder or specify a different one and click **Next**.

   If the installation folder already exists, you are prompted to specify if you want to delete the existing directory before installing the product, or install Connect:Enterprise Secure Client in the existing directory, preserving data files.

   Caution: If you delete the existing directory, all data and configuration files are deleted.

6. Enter an **Administrator Password**. This password is used to log in as the administrator for Connect:Enterprise Secure Client. The password is case sensitive and must be at least 6 characters.

   Note: If you forget the administrator password, you must reinstall Connect:Enterprise Secure Client to reset the password.

7. Verify the installation summary and click **Install**.

8. Click **Done** when the installation is complete.

9. To start Connect:Enterprise Secure Client:

   ◆ On a Windows system, select **Start >Programs > Sterling Commerce > Secure Client**.

   ◆ On a UNIX system, type *<installation directory>*/**SecureClient** where *installation directory* is the location where you installed the product.

See the *Getting Started with* Connect:Enterprise Secure Client Help to configure Connect:Enterprise Secure Client.

See *Repackaging Instructions* on page 13 for instructions on packaging the product for internal distribution.

Repackaging Instructions

You may want to repackage Connect:Enterprise Secure Client and send it out to internal departments. Use the following procedure to repackage the application.

Repackaging Connect:Enterprise Secure Client

To repackage the application from your current installation:

1. Install Connect:Enterprise Secure Client. Refer to *Installation Instructions* on page 12.

2. To start Connect:Enterprise Secure Client:

   ◆ On a Windows system, select **Start >Programs > Sterling Commerce > Secure Client**.

   ◆ On a UNIX system, type *<installation directory>*/**SecureClient** where *installation directory* is the location where you installed the product.

3. Configure Connect:Enterprise Secure Client. Refer to the Help for step-by-step instructions. You must configure the following:

   ◆ Create the ftp site.

   ◆ Import the certificate files or keycert files for FTP SSL.

   ◆ Change the logo for the splash screen, if desired. Refer to *Customizing the Splash Screen* on page 14.

   Note: If you do not see an admin.dat file in the INSTALL DIR\conf\ directory, you must create a blank file. It should already exist.

4. Make a jar file of the installation information. Go to a command prompt and from the INSTALL DIR, type the following command:

```
jar -cvf config.jar conf schedule event Images
```

This command packages the directories, conf, schedule, event, and Images from the INSTALL DIR into the file **config.jar**. These directories are in the root level of the jar file that you create.

Note: You must have a jar.exe file or jar utility in the installation directory. Download the Java Developer's Kit (JDK) from the appropriate vendor Web site: IBM for IBM platforms, HP for the HP platform, and SUN for SUN or Linux platforms.

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5. To repackage the distribution media, copy the Sterling Installation media, and replace the config.jar file with the new one that you just created.

Customizing the Splash Screen

If you want to customize the splash screen with your own logo, complete the following procedure:

1. Go to the INSTALL DIR\Images directory. This directory contains all of the images for Connect:Enterprise Secure Client.

2. Replace the file **ProductLogo.jpg** with your logo file. You should use the same size .jpg file to maintain the proportions of the image.

Installing the Repackaged Product

To install the repackaged product:

1. Insert the repackaged installation CD in the drive, and do one of the following:

   ◆ If you are installing on a Windows computer, double click the **ClientInst.exe** file.

   ◆ If you are installing on a UNIX computer, type **ClientInst.bin** and press **Enter**.

2. Follow the prompts on the screen. You are only prompted for a user password.

3. Start the application and verify that all the sites and trading partner data are present.

Uninstalling Connect:Enterprise Secure Client

When you uninstall Connect:Enterprise Secure Client, not all folders and files are removed. The Uninstall program does not delete configuration information, certificates, or other stored data.

Complete the following steps to uninstall Connect:Enterprise Secure Client:

1. Access INSTALL DIR\UnInstall\.

2. Do one of the following:

   ◆ On a Windows system, select **Start>Programs>Sterling Commerce>Uninstall Secure Client**.

   ◆ On a UNIX system, run -f *<installation directory>* **Uninstall_Secure_Client**.

> **Note:** On a Windows system, you may need to manually remove the installation directory to complete uninstall the product.

Maintenance Updates

The following table describes the issues resolved for Connect:Enterprise Secure Client after version 1.3.00. For the history of issues resolved prior to this release, see the Sterling Commerce Support On Demand Web site.

Version	SR Number	Explanation
1.3.01	1345797	ENH - CLIENT (Windows) - The SFTP banner does not display.
	1349007	Security concerns for the password hash are resolved.
	1349909	CLIENT - A loop list of more than 539 files from GIS directory list is created.
	1350849	No transfer logging is generated when log level is set to normal.
	1346662	Data execution prevention (DEP) introduced in Windows Server 2003 Service Pack 1 causes ZeroG InstallAnywhere to fail.
1.3.02	1360255	Client does not support Connect:Mailbox for OS/390 mainframe directory format.
	1360175	Enabling Compression for an SSH Site causes the connection to fail.
	1356243	Saving an FTP Profile without a password causes an exception.
1.3.03	1367639	Error with Direct Trust model.
	1369320	Cannot support BID larger than24 bytes.

Known Restrictions

Connect:Enterprise Secure Client version 1.3 has the following restrictions:

✦ You cannot run two instances of Connect:Enterprise Secure Client from the same directory. If you need to run two instances, install them in different directories.

✦ Connect:Enterprise Secure Client only supports base 64 encoded trusted certificates. Chained trusted certificates (PKCS7) are not supported.

✦ When connecting to a Connect:Enterprise UNIX server, you cannot use the **Change Password** feature if the server version is prior to version 2.0. In addition, this feature may not be supported by standard FTP servers, such as the FTP servers that come with UNIX operating systems.

✦ If you run a telnet session from Solaris to a Linux server to run Connect:Enterprise Secure Client, the drag and drop function on Connect:Enterprise Secure Client causes a JVM error and the application disappears.

✦ If you send an enveloped document to a Sterling Information Broker (SIB) site, the send fails if the SIB header and trailer information is not configured. To resolve this, configure the SIB site as follows:

   a. Select the SIB site and click **Edit**.

   b. Click the **SIB** tab.

   c. Select **Append Sterling Information Broker Header/Trailer to all files**.

   d. Type header and trailer information in the required fields, and click **Apply**.

   e. Deselect **Append Sterling Information Broker Header/Trailer to all files**, and click **Apply**.

Documentation Updates

The Connect:Enterprise Secure Client version 1.3 documentation requires no additional updates.

Getting Support for Sterling Commerce Products

The new Customer Center portal offers you a single location to administer everything associated with your Sterling Commerce products and services. It provides quick access to online tools, on-demand applications, community forums, product information, industry news, support updates, and support case management. We've combined the current content experience of Sterling customer-facing portals into a single location–Innovation Gateway, STUN (Sterling Commerce Technical Users Network), and Support on Demand– and extended it across all of our products and applications within Customer Center.

To log into the Customer Center, go to http://customer.sterlingcommerce.com. If you do not have a Support On Demand user name and password, click the Join Now link and follow the instructions for new users. If you have a a Support on Demand account, define a new password the first time you log on.

Connect:Enterprise Secure Client Documentation

The Connect:Enterprise Secure Client release notes are available on the Sterling Commerce Support On Demand Web site at www.sterlingcommerce.com. You need a Support On Demand user name and password. See *Getting Support for Sterling Commerce Products* on page 16 for instructions on obtaining your user name and password.

The Connect:Enterprise Secure Client documentation consists of Connect:Enterprise Secure Client *Help,* available with the product.

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