Sterling Commerce

Platform Enabling Document Encryption

Platform IFC 1.0

Sterling Commerce
An IBM Company

Enabling Document Encryption

Application provides the option to encrypt these documents:

✦ Documents stored in the file system

✦ Documents stored in the database

✦ Documents stored in both the file system and database

✦ None – No documents encrypted (default)

Encrypt Documents

The application uses a predefined system certificate named **doccrypto** to encrypt documents. If you choose to create and use a different system certificate, you must change the entry for CERT_NAME in security.properties.in. This is described in step 3 of the following procedure.

Note: If you have upgraded from a previous version of the application, you must create the doccrypto system certificate. See Creating a Self-Signed Certificate for detailed information about creating a system certificate.

To encrypt documents stored in the file system, the database, or both:

1. From the *install_dir*/properties, open **security.properties.in** in a text editor.

2. Modify security.properties.in as follows.

   Caution: These changes must be made directly in the security.properties.in file; they cannot be made in the customer_overrides.properties file. Because the security.properties file is replaced during installation of Application upgrades or patches, you must redo your changes after an upgrade or patch is applied.

To encrypt:	Make these modifications in security.properties.in:

File system documents	`#Document encryption settings for file system`
	`ENC_DECR_DOCS=ENC_FS`
	`#ENC_DECR_DOCS=NONE`
	`ENC_ALG=DESede`

Database documents	`#Document encryption settings for database`
	`ENC_DECR_DOCS=ENC_DB`
	`#ENC_DECR_DOCS=NONE`
	`ENC_ALG=DESede`

Both file system and database documents	`#Document encryption settings for all`
	`ENC_DECR_DOCS=ENC_ALL`
	`#ENC_DECR_DOCS=NONE`
	`ENC_ALG=DESede`

3. If you created a new system certificate to use for document encryption (with a name other than doccrypto), modify this line:

    `CERT_NAME=`*`name_from_system_certificate`*

4. Save and close the **security.properties.in** file.

5. Stop Application.

6. Run the setupfiles script for your operating system:

    ◆   (UNIX or Linux) – From the *install_dir*/bin directory, run the setupfiles.sh command.

    ◆   (Windows) – From the *install_dir*\bin directory, run the setupfiles.cmd command.

7. Start Application.