

Gentran Integration Suite™

Enabling Document Encryption

Version 4.3

Sterling Commerce
An IBM Company

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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

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

1. Create a system certificate to encrypt the keys used for the file encryption, by selecting the **Create Self-signed Certificate** option from the Trading Partner > Digital Certificates > System page. See the Digital Certificates documentation for more information.

Note: The default system certificate name in `security.properties.in` is `doccrypto`. If you use a different name when creating the system certificate, you must modify `security.properties.in` to match.

2. From the `install_dir/properties`, open **`security.properties.in`** in a text editor.
3. 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 <code>security.properties.in</code> :
File system documents	<pre>#Document encryption settings for file system ENC_DECR_DOCS=ENC_FS #ENC_DECR_DOCS=NONE ENC_ALG=DESede</pre>
Database documents	<pre>#Document encryption settings for database ENC_DECR_DOCS=ENC_DB #ENC_DECR_DOCS=NONE ENC_ALG=DESede</pre>
Both file system and database documents	<pre>#Document encryption settings for all ENC_DECR_DOCS=ENC_ALL #ENC_DECR_DOCS=NONE ENC_ALG=DESede</pre>

4. If you used a system certificate name other than `doccrypto`, modify this line:

```
CERT_NAME=name_from_system_certificate
```

5. Save and close the **security.properties.in** file.
6. Stop Application.
7. 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.
8. Start Application.