

Sterling MFT

License Key Guide
Version 1.0

Sterling Commerce
An IBM Company

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About a Sterling Commerce License Key

About a Sterling MFT License Key

A license key enables features for a Sterling MFT product. When you purchase the product, you receive a temporary key that activates it for a limited time. After you install a temporary key, request a permanent one to continue running the product.

To use this guide, refer to the procedure that corresponds to the product you installed. To prepare the product for operation, use the procedures in this guide to:

- Apply a temporary key at the location where the product is installed.
- Request a permanent license key.
- Replace the temporary key with the permanent one to continue using the product.

Most Sterling license key files contain the following information:

- PSP is the number associated with a Sterling software agreement.
- License-ID is the identifier related to the PSP.
- Key-Num is a unique identifier created for each license key.

When a license key is updated, a new Key-Num is assigned. The PSP and license ID do not change. Only the latest iteration of a license key is valid.

Note: When you receive a new key, delete the old one. If you move Sterling software to a different computer, quit using it at the previous location within 30 days. Failure to do so violates your legal license agreement.

A license key is sent as an e-mail attachment and named *nnnn.txt*, where *nnnn* is a number assigned by Sterling Commerce.

Caution: Do not edit the license key. Text editors may insert information into the file, which invalidates it.

Connect:Direct for z/OS License

Apply a Temporary License Key to Connect:Direct for z/OS

The license key enables the features available for this product. When you purchase the product, you receive a temporary key that activates it for a limited time. After you install a temporary key, request a permanent key to continue running.

If you purchase Secure+ Option when you purchased Connect:Direct, the key activates both products. If you purchase Secure+ Option separately, you must apply a new license key.

To apply a temporary license key:

1. Define a data set for the license key information and include the following attributes:
DSORG=PS, RECFM=VB, LRECL=1024, BLKSIZE=0
2. Copy the license key into the data set.

Caution: Make sure no data in the license is truncated when you copy it.

3. Save the data set. Write down the name.
Use this value when you define the APDSN initialization parameter. Refer to *Connect:Direct for z/OS Installation Guide* for instructions.

Obtain and Apply a Permanent License Key to the Connect:Direct for z/OS Installation

Apply the license key where Connect:Direct for z/OS is installed and make it available at initialization.

To obtain and apply a permanent license key:

1. Obtain the CPU ID of Connect:Direct by typing the console command, D M=CPU. Press **Enter**.

Note: Run this console command on each CPU that has LPARs licensed to run Connect:Direct.

2. Obtain the PSP for the installation by opening the temporary license key. Do not modify the file.

3. Reply to the Sterling Commerce e-mail with the temporary license key and request a permanent one. Copy the results of the console command from step 1 and the PSP from step 2 into the e-mail.

You receive the permanent license key in approximately 24 to 48 hours.

4. Make a copy of the key and keep it in a safe place.
5. Define a data set with the following attributes:
DSORG=PS, RECFM=VB, LRECL=1024, BLKSIZE=0
6. Copy the file information into the data set.

Caution: Make sure no data in the key file is truncated. If a key has a CPUID parameter with more than one CPU number, the | character that separates numbers may not translate correctly if you cut and paste the information. Make sure the bar character is a hex 4F before saving the file.

7. Save the data set and write down the name. Use this value when you define the APDSN initialization parameter. Refer to *Connect:Direct for z/OS Installation Guide* for instructions

Connect:Direct for UNIX License

Obtain and Apply a Temporary or Permanent License Key to Connect:Direct for UNIX

The license key enables the features available for this product. When you purchase Connect:Direct, you receive a temporary key that activates the product for a limited time. After you install a temporary key, request a permanent key to continue running.

If you purchase Secure+ Option when you purchased Connect:Direct, the key activates both products. If you purchase Secure+ Option separately, you must apply a new license key.

To apply a temporary key:

Copy the temporary key from the Sterling Commerce e-mail into the *install_dir/ndm/cfg/node name* directory and rename it license.key.

To request and apply a permanent key:

1. From the *install_dir/etc* directory, type `hostid.sh`.
The host ID information is written to the CDSYSTEM file in *nstall_dir/etc*.
2. To obtain the PSP number, open the license.key file and find the value in the PSP field. Do not modify the file.
3. Reply to the Sterling Commerce e-mail containing the temporary license key to request a permanent license. Attach the file called CDSYSTEMId. Provide the PSP number and whether the license is used for Production, Test, or Hot Standby.
You receive the permanent license key file by e-mail in approximately 1 to 2 business days.
4. To apply the permanent license, copy the key from the e-mail to the *install_dir/ndm/cfg/node name* directory.
5. Rename the key license.key.
6. Make a copy of the permanent key and keep it in a safe place.

Connect:Direct for Windows License

Obtain and Apply a Temporary or Permanent License Key to Connect:Direct for Windows

The license key enables features available for this product. When you purchase Connect:Direct, you receive a temporary key that activates the product for a limited time. After you install a temporary key, request a permanent key to continue running it.

If you purchase Secure+ Option when you purchased Connect:Direct, the key you receive activates both products. If you purchase Secure+ Option separately, you must apply a new license key when you obtain Secure+.

To apply a temporary key:

Copy the temporary key from the Sterling Commerce e-mail to C:\Program Files\Sterling Commerce\Connect Direct *vversionnumber*\server. Rename the key to license.key.

To obtain and apply a permanent license key:

1. Click **Start>Programs>Sterling Commerce Connect:Direct *vversionnumber*>CD System ID**.
The Connect:Direct System ID Utility displays the CPU-ID and number of processors.
2. Click **File>Save**.
3. Type a name for the file and click **Save**.
4. Click **File>Send email**.
5. Type the requested information in the e-mail template and click **Send**. You receive a permanent license key in approximately 24 to 48 hours.
6. Make a copy of the original key and keep it in a safe place.
7. Copy the key from the e-mail to C:\Program Files\Sterling Commerce\Connect Direct *vversionnumber*\server. Rename the key to license.key.

Sterling Secure Proxy License

Apply a Temporary or Permanent License Key to Sterling Secure Proxy (SSP)

The license key enables an SSP engine. One license is required for each engine. When you purchase the product, you receive a temporary key that activates the engine for a limited time. After you install a temporary key, request a permanent key to continue running SSP.

To apply a temporary license key:

1. On UNIX, copy the key from the e-mail to the *install_dir/conf* directory, where *install_dir* is the SSP engine installation.
2. On Windows, copy the key from the e-mail to the *install_dir\conf* directory.
3. Rename the key license.key.

SSP license keys for version 2.x and earlier were delivered as .xml files or downloaded from the Sterling Integrator Asset site. To request a key for these versions, go to <https://productupdates.stercomm.com/ap/bp/APWelcome> using the CD Key.

To obtain and apply the permanent license key:

1. Obtain the IP address or host name of the SSP engine.
2. To request the permanent license key, go to the following Web site:
https://support.sterlingcommerce.com/forms/connect_key_request.aspx
3. Type information in the required fields and click **Submit**.
You receive the permanent license key in approximately 24 to 48 hours.
4. Make a copy of the permanent key and keep it in a safe place.
5. Copy the license key from the e-mail to the *install_dir/conf* directory on UNIX and to *install_dir\conf* directory on Windows.
6. Rename the key to license.key.
7. If the engine is running, stop and restart it.

Sterling Control Center License

Apply a Temporary or Permanent License Key to Sterling Control Center

The license key enables features available for this product. When you purchase Sterling Control Center, you receive a temporary key that activates the product for a limited time. After you install a temporary key, request a permanent key to continue running the product.

If you use only the Sterling Control Center Asset Tracking feature, you can obtain a no charge license from Sterling Commerce. For more information, refer to the *Sterling Control Center Asset Tracking Guide*.

To apply a temporary license key:

If a temporary key called `license.key` already exists, rename the key in the `install_dir/conf` directory, where `install_dir` is the Sterling Control Center installation. Use a name that identifies it as the old key.

Copy the temporary license key from the Sterling Commerce e-mail to the `install_dir/conf` directory. Rename it to `license.key`.

To request and apply the permanent license key:

1. To obtain the host name of the Control Center engine, open a command line and type `hostname`.
2. To request the permanent license key, go to the following Web site:
https://support.sterlingcommerce.com/forms/connect_key_request.aspx
3. Type information in the required fields and click **Submit**. Provide the host name of the Control Center computer.
You receive the key in approximately 24 to 48 hours.
4. Make a copy of the original key and keep it in a safe place.
5. Copy the key to the `install_dir/conf` directory. Rename it to `license.key`.

Connect:Direct for HP NonStop License

Apply a Temporary License Key to Connect:Direct for HP NonStop

The license key identifies features enabled for this product. When you purchase Connect:Direct, you receive a temporary key that activates the product for a limited time. After you install a temporary key, request a permanent one to continue running. The license key must be a code 101 Edit file named LICENSE, located in the subvolume where the NDMINIT file is stored.

To apply a temporary key:

1. Save the license key from the Sterling Commerce e-mail to a text file named NDMINSTL.
2. Use IXF or FTP to upload the file in ASCII mode to the subvolume NDMINSTL or the location of the NDMINIT initialization parameter.

Note: Verify that the IXF or FTP client is configured to transmit lines at least 150 bytes long. Otherwise, lines in the key file may be truncated, creating an invalid license key.

3. Use one of the follow methods to complete the installation:
 - To manually validate the key, start Connect:Direct. The new key becomes the active license.
 - Start an NDMCOM session and type **UPDATE LICENSE**. If the LICENSE is valid, it becomes the active license.
 - Do nothing. A license validation occurs at 10 a.m., 2 p.m., and midnight. At one of these times, the license key is validated, and if valid, becomes the active license.

Obtain and Apply a Permanent License Key for Connect:Direct for HP NonStop

To request and apply a permanent license key:

1. Type the TACL command, SYSINFO and obtain the system number.
2. Type : https://support.sterlingcommerce.com/forms/connect_key_request.aspx in the browser window and press **Enter** to open the Sterling Commerce key request form.

3. Type information in the required fields and click **Submit**. Be sure to provide the system number obtained in step 1.

You receive the permanent license key in approximately 24 to 48 hours.

4. If you are replacing a license key, rename the old file to `LICENSEO` to ensure that you can restore it.
5. Save the license key to a text file named `LICENSE`. Save a copy of the license in a safe place.
6. Use IXF or FTP to upload the file in ASCII mode to the subvolume `NDMINSTL` or where the `NDMINIT` initialization parameter is stored.

Note: Verify that the IXF or FTP client is configured to transmit lines at least 150 bytes. Otherwise, lines in the key file may be truncated which creates an invalid license key.

7. Do one of the following to validate and activate the key:
 - To manually validate the key, start `Connect:Direct`. The new key becomes the active license.
 - Start an `NDMCOM` session, and type `UPDATE LICENSE`. If the license is valid, it becomes the active license.
 - Do nothing. An automatic license validation occurs at 10 a.m., 2 p.m., and midnight. If the key is valid, it becomes the active license.

Connect:Direct for i5/OS License

Upload the Temporary or Permanent License Key for Connect:Direct for i5/OS

After you obtain a license key, use the following procedure to upload it to the computer where the software is installed.

To upload the license key:

1. Create a c:\temp directory on a Windows computer.
2. Save the license key to the c:\temp folder. Rename it to apkeyf.txt.
3. To upload the license key to the i5/OS computer:
 1. Log on using the administrator profile, CDADMIN.
 2. Type WRKCDPARM and press **Enter** until the Change C:D parms (CHGCDPARM) screen is displayed.
 3. Press **Page Down** until the Change C:D parms (CHGCDPARM) screen displays the Asset protection key file parameter. Write down the location of this file.

Note: If you are upgrading Connect:Direct, back up the existing key. The installation overwrites it.

4. From the Windows computer, click **Start>Run**.
5. Type COMMAND and press **Enter**.
6. To change to the temp directory, type `cd c:\temp` and press **Enter**.
7. Type `dir apkeyf*` and press **Enter** to make sure the license key is listed in the temp directory.
8. Type `c:\windows\ftp your system name or IP address` and press **Enter** to establish an FTP session with your system.
9. When prompted for a user name and password, type the CDADMIN user profile and password used during the installation.
10. To verify that the working directory is `<cdlib>`, type `pwd` and press **Enter**, where `<cdlib>` is the location of the license key displayed in step 3.
11. If the working directory is not correct, type `cd <cdlib>` to move to the correct directory.
12. To transfer the key file, type `put apkeyf.txt apkeyf` and press **Enter**.

Note: Do not perform a binary transfer. Transfer the key in TEXT format.

13. On the i5/OS computer, type `dsppfm <cdlib>/apkeyf` to verify the contents of the transferred key and compare it to the original key file. View the original key file in a text viewer.
14. If the files match, type `ftp> quit` on the Windows computer.
15. Type `c:\temp> exit`.

Obtain a Permanent License Key for Connect:Direct for i5/OS

The license key enables features for this product. When you purchase the product, you receive a temporary key that activates the product for a limited time. After you install a temporary key, request a permanent key to continue using the product.

To obtain a permanent license key file:

1. Obtain the serial and model numbers of the computer where the product is installed.
 1. To find the serial number, type `dspsysval qsrlnbr` and press **Enter**.
 2. To find the model number, type `dspsysval qmode` and press **Enter**.
2. To request the permanent license key, go to the following Web site:
https://support.sterlingcommerce.com/forms/connect_key_request.aspx
3. Type information in the required fields including the serial number and model number and click **Submit**.
You receive the key in approximately 24 to 48 hours.
4. Make a copy of the key and keep it in a safe place.
5. Upload the license key. Refer to *Upload the Temporary or Permanent Key*.

Connect:Direct for OpenVMS License

Apply a Temporary or Permanent License Key to Connect:Direct for OpenVMS

The license key enables features for this product. When you purchase Connect:Direct, you receive a temporary key that activates the product for a limited time. After you install a temporary key, request a permanent key to continue running it.

To apply a temporary license file:

Copy the temporary key from the Sterling Commerce e-mail to the directory given by the ndm\$\$ directory logical name. Rename the key to ndm\$key.txt.

To obtain and apply a permanent license key:

1. Type `$run ndm_license_display_profile.exe` to obtain profile information.

Following is an example of profile information:

>>> Profile: kLRHOva1 Node: TSC6 Type: Integrity.

2. To request the permanent license key, go to the following Web site:
https://support.sterlingcommerce.com/forms/connect_key_request.aspx
3. Type information in the required fields and click **Submit**.
You receive the key in approximately 24 to 48 hours.
4. Make a copy of the key and keep it in a safe place.

You need the license key when you configure Connect:Direct for OpenVMS. Refer to the *Connect:Direct for OpenVMS Installation and Administration Guide*.

Connect:Direct for VSE or VM License

Apply a Temporary or Permanent License Key to Connect:Direct for VSE/ESA or VM/ESA

The license key identifies the features available for this product. When you purchase Connect:Direct, you receive a temporary key on the installation tape that activates the product for a limited time. The key is associated with the installation tape VOLSER (volume serial) number and the DMGRATX program. After you install a temporary key, request a permanent key.

To apply a temporary license key:

Obtain the key from the Sterling Commerce e-mail. Type the key value into the NDM.KEY initialization parameter. Refer to Configuring Connect:Direct for VSE in the *Connect:Direct for VSE/ESA or VM/ESA Administration Guide* for instructions.

To apply a permanent license key:

1. Request a permanent license key by replying to the e-mail containing the temporary license key.

You receive the permanent license key file by e-mail in approximately 24 to 48 hours.

2. Type the key value into the NDM.KEY initialization parameter.

Refer to Configuring Connect:Direct for VSE in the *Connect:Direct for VSE/ESA or VM/ESA Administration Guide* for instructions.

Connect:Direct Select License

Apply a Temporary License Key to Connect:Direct Select

The license key enables features for this product. When you purchase Connect:Direct Select, you receive a temporary key that activates the product for a limited time. After you install a temporary one, request a permanent key to continue running.

To apply a temporary license key:

1. Do one of the following:
 - On UNIX, copy the temporary key from the Sterling Commerce e-mail to *install_dir/bin*.
 - On Windows, copy the key from the e-mail to *install_dir\bin*, where *install_dir* is the Connect:Direct Select installation.
2. Rename the key to **license.key**.
3. Make a copy of the key and keep it in a safe place.

Obtain and Apply a Permanent License Key for Connect:Direct Select

To obtain and apply a permanent license key:

1. For UNIX installations, obtain the IP address or hostname of the Connect:Direct Select computer.
 - To obtain the hostname, type `hostname` at the prompt. The hostname is returned in the format: `SunOS vhpplmgtetl01 5.8 Generic_117350-44 sun4u sparc SUNW,Sun-Fire-880`.
 - Check the operating system documentation for information on how to obtain the IP address.
2. On a Windows installation, obtain the domain name and computer name.
3. To request the permanent license key, go to the following Web site:
https://support.sterlingcommerce.com/forms/connect_key_request.aspx
4. Type information in the required fields and click **Submit**.

Note: For UNIX, be sure to type the second parameter returned from the hostname command into the **CPUID/Hostid** field. For example, the second parameter returned in the output in step 1 is vhpp1mgtetl01. For Windows, provide the domain_name.computer_name in the CPU-ID field.

You receive the key in approximately 24 to 48 hours.

Connect:Enterprise for z/OS License

Obtain and Apply a License Key to Connect:Enterprise for z/OS

The license key identifies the features available for this product. When you purchase Connect:Enterprise, you receive a temporary key that activates the product for a limited time. After you install a temporary key, request and apply a permanent key to continue running the product.

To apply the temporary key:

Download the license file to a sequential data set defined with variable length records and a record length of 256 bytes. If multiple CPU-ID values are defined in the key, make sure that a solid vertical bar separates them. Save the data set.

To obtain and apply the permanent key:

1. To obtain the CPU ID of your system, type `D M=CPU` and press **Enter** in any LPAR. For example, text may be displayed as: `E CPU-ID 01xxxxxxxx|02xxxxxxxx|03xxxxxxxx`

Note: Do not make any other changes to the license key. You may invalidate the key.

2. Respond to the e-mail from Sterling Commerce that contains the temporary key and request a permanent one. Copy the results of the command and paste it into an e-mail to Sterling Commerce. Provide information in the e-mail to request a permanent key.

Note: Run this console command on each CPC with LPARs licensed to run Connect:Enterprise.

You receive the permanent license key file by e-mail in approximately 24 to 48 hours.

3. Make a copy of the permanent key and keep it in a safe place.
4. Download the license file to a sequential data set that is defined to contain variable length records with a record length of 256 bytes. Be aware of the following conditions:
 - Make sure the license file is not overlaid by an empty file. Otherwise, Connect:Enterprise will not initialize. If the license file is overlaid after initialization, Connect:Enterprise runs but generates error messages. Refer to *Connect:Enterprise for z/OS Messages and Codes Guide*.
 - If the license key fails when you start Connect:Enterprise, check for pipes (|) in the file. Replace pipes with full bars.

- If multiple CPU-ID values are specified, make sure that a solid vertical bar separates them. If the vertical bar is not solid, edit the file and change only this character to a solid vertical bar (hex '4F').
 - Do not make any other changes to the license key or you may invalidate the key.
5. Save the data set and write down the name. Use this information in the APDSN parameter. Refer to *Connect:Enterprise for z/OS Administration Guide*.

Connect:Enterprise for UNIX License

Connect:Enterprise for UNIX License

The license key identifies the features available for this product. When you purchase the product, you receive a temporary key that activates the product for a limited time. After you install a temporary key, request a permanent key to continue running it.

To apply the temporary license key:

Copy the temporary license file from the Sterling Commerce e-mail to the \$CMUHOME/etc directory. Rename it to license.key.

To request and apply a permanent license key:

1. To request the permanent license key, go to the following Web site:
https://support.sterlingcommerce.com/forms/connect_key_request.aspx
2. Type information in the required fields and click **Submit**.
You receive the permanent license key in approximately 24 to 48 hours.
3. Make a copy of the permanent key and keep it in a safe place.
4. Copy the license key file from the Sterling Commerce e-mail to the \$CMUHOME/etc directory. Rename it to license.key.

Connect:Enterprise Gateway License

Apply a Temporary or Permanent License Key to Connect:Enterprise Gateway

The license key identifies the features available for this product. When you purchase Connect:Enterprise Gateway, you receive a temporary key that activates the product for a limited time. Replace the temporary key with a permanent one to continue running the product.

To apply a temporary key:

Copy the temporary license key from the Sterling Commerce e-mail to the C:\Program Files\Sterling Commerce\Enterprise Gateway directory. Rename the key to GatewayNT.lic.

To obtain and apply a permanent key:

1. Reply to the Sterling Commerce e-mail containing the temporary license and request the permanent license key.
You receive the permanent license key by e-mail in approximately 24 to 48 hours.
2. Make a copy of the original license and keep it in a safe place.
3. Copy the license from the Sterling Commerce e-mail to the C:\Program Files\Sterling Commerce\Enterprise Gateway directory.
4. Rename the key to GatewayNT.lic.