



HP SmartStream for HP PageWide XL and HP DesignJet

Installation Guide

Edition 6

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1 Installation requirements

This document explains how to install and set up the HP SmartStream application and licenses.

If you need more information about installation, contact your support representative.

Computer hardware and software

- Intel Core i3 2.4 GHz with 4 virtual cores/threads, or equivalent or better processor
- 4 GB of RAM, or more
- 3.5 GB of free space on hard disk, or more, plus 100 MB for each additional printer added
- Screen resolution of 1280 × 1024 pixels, or more, tuned or calibrated to sRGB for optimal Crystal Preview performance
- Ethernet network, IPv4 or IPv6, 100 Mb/s or faster
- Microsoft Windows 7 or later (64-bit)

NOTE: Based on the minimum computer hardware and software requirements, it is not recommended to add more than 10 printers.

 ²² Ensure that your computer is connected to the same subnet as your printers. Otherwise, ensure that computer and printers are able to communicate through the 8080, 8085, 8086, 9100, 9102 TCP, and 161 UDP ports.

If the License Manager and the HP SmartStream software are installed on different networks, ensure that UDP port 5093 is open.



How can I improve the performance of HP SmartStream?

If you feel the need of improvement, the performance of the application can be improved by exceeding the minimum specifications above: more than 4GB of RAM (which requires a 64-bit operating system), a faster processor with more cores, a faster network, and a faster hard disk drive (ideally a solid-state drive).

Supported printers

HP SmartStream currently supports the following printers:

- HP PageWide XL 3900/4000/4500/5000/5100/6000/8000 printer series
For documentation and other support, see <http://www.hp.com/go/pagewidexlseries/support>.
- HP DesignJet XL 3600 MFP
For documentation and other support, see <http://www.hp.com/go/DesignJetXL3600/support>.
- HP DesignJet T1700 printer

For documentation and other support, see <http://www.hp.com/go/T1700/support>.

- HP DesignJet T7200 Production printer

For documentation and other support, see <http://www.hp.com/go/T7200/support>.

- HP DesignJet T7100 printer (but not HP Designjet T7100 Monochrome)

For documentation and other support, see <http://www.hp.com/go/T7100/support>.

- HP DesignJet T3500 Production eMFP

For documentation and other support, see <http://www.hp.com/go/T3500/support>.

- HP DesignJet Z6200 Photo Production printer (42 in and 60 in)

For documentation and other support, see <http://www.hp.com/go/Z6200/support>.

- HP DesignJet Z6600 Production printer

For documentation and other support, see <http://www.hp.com/go/Z6600/support>.

- HP DesignJet Z6800 Photo Production printer

For documentation and other support, see <http://www.hp.com/go/Z6800/support>.

- HP DesignJet Z6/Z9+ PostScript printer

For documentation and other support, see <http://www.hp.com/go/z6/support> or <http://www.hp.com/go/z9/support>.

- HP DesignJet Z6 Pro /Z9+ Pro PostScript printer

For documentation and other support, see <http://www.hp.com/go/Z6pro/support> or <http://www.hp.com/go/Z9pro/support>.

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NOTE: HP SmartStream supports only PostScript printers. If your printer requires an accessory to handle PostScript, you must install the accessory to use the printer with HP SmartStream.

For further up-to-date information, see <http://hp.com/go/smartstreampagewidexl/software> or <http://hp.com/go/smartstreamdesignjet/software>.

Supported file types

The supported file formats are PDF, JPEG, TIFF, HP-GL/2, DWF, as well as SMJ and ZIP files containing any of the preceding formats.

Licensing

In order to use HP SmartStream, you must install the HP SmartStream application and own the following licenses:

- One license for the HP SmartStream Preflight Manager
- One license per printer for the HP SmartStream Print Controller
- One PostScript license per printer

The HP SmartStream licenses are purchased and stored on a license server on your local network. When you run the software, it contacts the license server to check that you have the appropriate licenses. Thus, the software can be run on different computers at the same time, depending on the licenses purchased.

The PostScript license is stored in the printer.

NOTE: HP SmartStream also supports dongle licenses.

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In order to check on the available licenses, please use the following table:

Available licenses with part numbers

[EN] HP SmartStream Datasheet	http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-7448ENA.pdf
[FR] HP SmartStream Fiche technique	http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-7448FRE.pdf
[DE] HP SmartStream Datenblatt	http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-7448DEE.pdf
[IT] HP SmartStream Scheda tecnica	http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-7448ITE.pdf
[ES] HP SmartStream Ficha técnica	http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-7448ESE.pdf
[PT] HP SmartStream Especificações técnicas	http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-7448PTE.pdf
[PL] HP SmartStream Arkusz danych	http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-7448ENE.pdf
[RU] HP SmartStream Прочнект	http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-7448RUE.pdf
[UK] HP SmartStream Datasheet	http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-7448RUE.pdf
[ZHCN] HP SmartStream Datasheet	http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-7448EEP.pdf
[ZHTW] HP SmartStream Datasheet	http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-7448EEP.pdf
[KK] HP SmartStream Datasheet	http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-7448RUE.pdf
[KO] HP SmartStream 데이터 시트	http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-7448EEP.pdf

2 Install the HP SmartStream License Manager

The License Manager is the software that stores licenses for HP SmartStream.

In general, the License Manager must be installed on a computer in your local network that can be accessed from any of the computers on which you intend to run the HP SmartStream software. The computer on which the License Manager is installed is known as the license server. Whenever the software is started, it tries to contact the License Manager through the local network to check the licenses.

TIP: You are recommended to connect at least one computer running HP SmartStream to the Internet, to facilitate the installation of licenses.

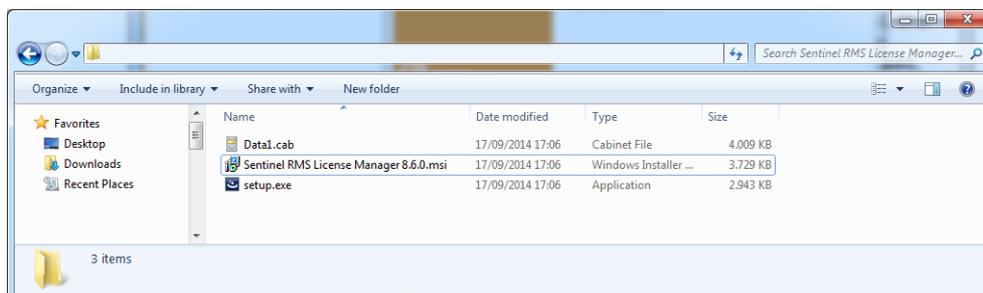
TIP: If you plan to run the HP SmartStream application on only one computer, you are recommended to install the License Manager on the same computer.

TIP: In order to connect to the License Server, UDP port 5093 must be open.

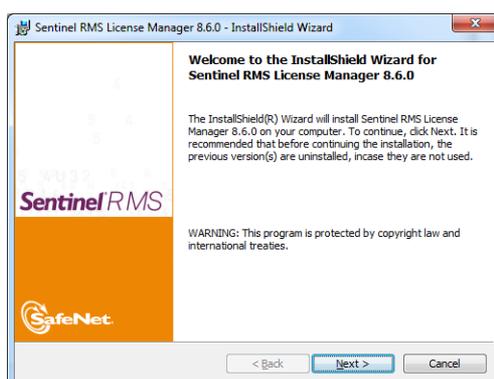
TIP: From HP SmartStream 5, the License Manager can also be installed in a virtual machine.

Installation procedure

1. You can download the License Manager from <http://www.hp.com/go/smartstreampagewidexl/software/download>.
2. To install the License Manager, run **setup.exe** in the Sentinel RMS License Manager Installer folder.



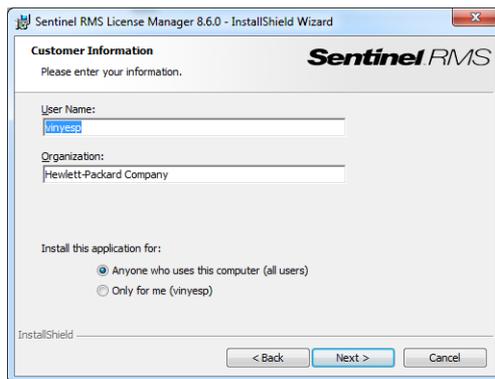
3. Check that you have uninstalled any other versions of the same software, then click **Next** to continue.



4. Read the terms and conditions, and click **Next** if you accept them, or **Cancel** to stop the installation.



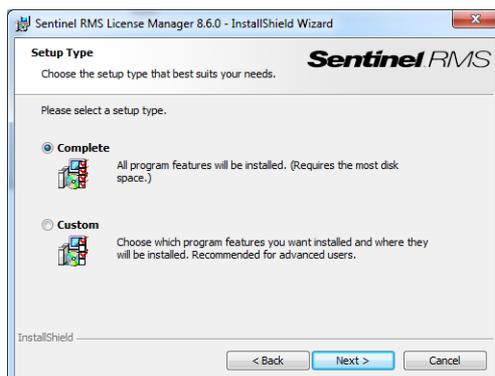
5. Enter the name and organization of a user of the computer, then click **Next**.



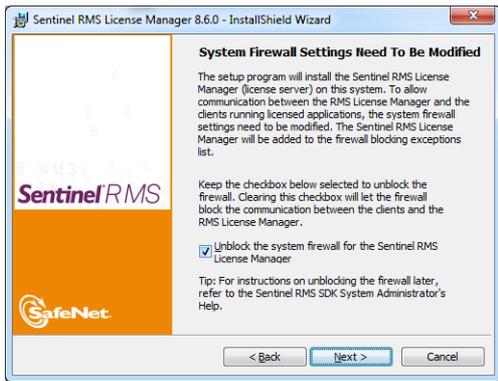
6. Click **Next** to install the software in the default location on the computer (or click **Change** to change the location).



7. Select the **Complete** installation and click **Next**.



8. Check the box to unblock the system firewall, and click **Next**.



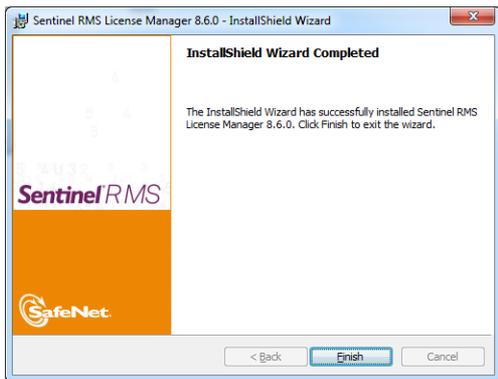
9. Click **Install**.



10. Wait for the installation to complete.



11. Click **Finish** to exit the installer.



3 Install the HP SmartStream application

1. Ensure that your printers have the latest firmware version installed, following the instructions in your printer documentation; or see <http://www.hp.com/go/model/support>, where *model* is the model number of your printer (such as T7200).
2. Download the correct installer for your operating system (64-bit) from <http://hp.com/go/smartstreampagewidthxl/software>.
3. Start the installer, and follow the instructions on the screen.
4. When the installation has finished, start the application.

4 Activate the licenses

There are four different procedures for license activation, depending on your circumstances:

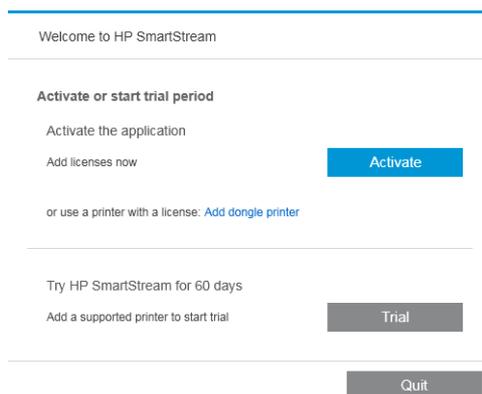
- HP SmartStream license and Internet connection (the normal situation)
- HP SmartStream license but no Internet connection
- HP SmartStream dongle license
- Trial license

NOTE: The first time you install HP SmartStream, you have to install licenses. The second time you install the application with the same license server, the licenses are already installed.

4.1 Online EON activation

You have an HP SmartStream license, and the license server is connected to the Internet (online activation)

1. Start the application. If no licenses are active, the license activation window should open automatically.



If one or more licenses are already installed, and you are adding an additional license, click **Options > Licensing > Add license**, then follow steps 5 to 8 below.

2. Click **Activate**.
3. The application may be able to find the license server automatically. Otherwise, you must supply details.
 - If the HP SmartStream application and the License Manager are running on the same computer, enter `localhost`.

License activation

Provide License Manager (RMS) details

License Manager IP address / hostname: ✓
Several License Managers (RMS) detected, change if required. [Select License Manager](#)

License Manager is a program that gives rights to use HP SmartStream to all computers connected to this service. If it is installed on this computer, enter "localhost"; otherwise, enter the hostname or IP address of the computer on which it is installed.
[How to install the License Manager on the network](#)

- Otherwise, enter the IP address or hostname of the license server.

If the application finds more than one License Manager, select the one you want.

4. Click **Add license**.

5. Enter the Entitlement Order Number (EON) and the contact e-mail address. One EON may include more than one license.

Activate license

Activate HP SmartStream

License EON (Entitlement Order Number): ✓

Email used to buy license:

Cannot connect to Internet? [Activate offline](#)

 **TIP:** You can give any e-mail address: it does not have to be the one registered with your HP Passport account.

6. Click **Activate**. The licenses contained in the EON are displayed.

7. Click **Activate** again. A progress dialog is displayed while the application redeems the licenses.

8. When you have finished adding licenses, click **Done**.

4.2 Offline EON activation

You have an HP SmartStream license, but the license server is not connected to the Internet (offline activation)

1. Go to <http://myhplicensing.hp.com> and give your HP Passport credentials.

NOTE: If you are logging in for the first time, you will need to create an HP Passport account.

2. Enter the Entitlement Order Number (EON).



3. Select the license to be activated. You can select only one.

Product Activation

1 Activate > 2 Designate Activate > 3 Lock > 4 Complete

Activate

Please select the product(s) to activate and provide the quantity where applicable.

Product Family : HP SmartStream

Product	EON	Activated	Available	Quantity to Activate	
HP SmartStream Annual Prflight Mngr E-LTU L3J71AAE (Duration: 360 Days)	██████████	0	1	<input type="text" value="1"/>	<input type="checkbox"/>
HP SmartStream HPPageWideXL8000 E-LTU L3J72AAE	██████████	0	1	<input type="text" value="1"/>	<input type="checkbox"/>

Cancel

Next

4. You are asked whether you are activating for yourself or for someone else. Select for yourself.
5. You are asked for the locking code.

Product Activation

1 Activate > 2 Designate Activate > 3 Lock > 4 Complete

Lock

Please provide the requested Locking ID(s) for your License Key(s). Enter a new Locking ID or select from the list of Locking IDs used for previous license activations.

Product Family : HP SmartStream

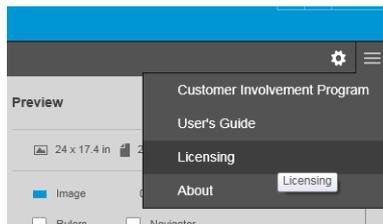
Product	Lock to
HP SmartStream Annual Prflight Mngr E-LTU L3J71AAE Quantity to Activate : 1	<input checked="" type="radio"/> Enter New Locking ID <input type="radio"/> Use Existing Locking ID Locking code <input type="text"/>

Cancel

Previous

Next

6. To get the locking code, go to the HP SmartStream application and click **Licensing**.



7. Click **Add license**.

Licensing ✕

Available licenses
HP SmartStream current license summary

Licenses	Expires
HPDesignJetT3500	Never expires
HPDesignJetZ6X00	Never expires
HPPageWideXL4000/4500	Never expires
HPPageWideXL5000	Never expires
HPPageWideXL8000	Never expires

[Change RMS Server](#)

Done Add license

8. Click **Activate offline**.

Activate license

Activate HP SmartStream 2

License EON (Entitlement Order Number):

Email address used to buy license:

Cannot connect to Internet? **Activate offline**

Cancel Activate

NOTE: If this is the first HP SmartStream license you have added, you will need to follow steps 1–4 of the online activation process (above) to reach this point

9.  Click **locking code**.

Activate license

Activate HP SmartStream 2 offline

Import a license file:

Display server **locking code** to configure offline.
Code required to generate license file on www.myhplicensing.hp.com

Connected to Internet? [Activate online](#)

Cancel Activate

10. Click **Copy to clipboard**.

Activate license

Activate HP SmartStream 2 offline

Locking code

*15Y9KFCFAAQGVQZ

Copy to clipboard OK

Cancel Activate

11. Return to <https://licensing.hp.com/slm/>, paste in the locking code, and click **Next**.

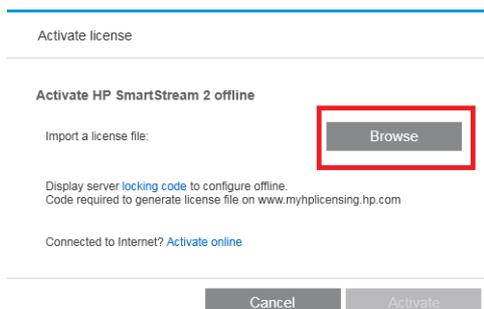
12. You will receive an email message with the license in a ZIP file. You can also download the license immediately by clicking **Save**.

13. If you need any additional licenses, repeat the above process.

NOTE: You will see that the license you already selected has changed from **Available** to **Activated**.

14. When you have all the licenses you want, save them in a folder in the same computer on which  HP SmartStream is installed.

15. Return to the HP SmartStream application and click **Browse**.



16. Select all the ZIP files containing the licenses.

4.3 USB Dongle activation

How to install the Preflight Manager license

1. Ensure that your printer is supported by HP SmartStream, and turned on.
2. Insert the HP SmartStream Preflight Manager license dongle into a USB port on the printer, marked with the USB symbol:

The front panel displays a message confirming that the license is ready for installation, and asks you to press **OK** to continue.
3. Press **OK**. Please wait, and do not remove the dongle.
4. The front panel asks you to press **OK** to restart the printer.
5. Press **OK**.
6. Remove the dongle from the USB port.

 **IMPORTANT:** Keep the dongle: you will need it if you ever want to uninstall the license from this printer.

Now you are ready to install the Print Controller license.

How to install the Print Controller license

1. Ensure that your printer is supported by HP SmartStream, and turned on.
2. Insert the HP SmartStream Print Controller license dongle into a USB port on the printer, marked with the USB symbol:

The front panel displays a message confirming that the license is ready for installation, and asks you to press **OK** to continue.
3. Press **OK**. Please wait, and do not remove the dongle.
4. The front panel asks you to press **OK** to restart the printer.
5. Press **OK**.
6. Remove the dongle from the USB port.

 **IMPORTANT:** Keep the dongle: you will need it if you ever want to uninstall the license.

7. To check that licenses have been correctly installed, you can use the printer's front panel to view general information about the printer (see the printer user's guide). It tells you which HP SmartStream licenses have

been installed, if any. The printer's Embedded Web Server also displays this information, near the top of the window, just under the green header bar.

8. The printer is now ready for use with HP SmartStream.

How to uninstall a Preflight Manager or Print Controller license

1. Ensure that the printer is turned on.
2. Insert the license dongle into a USB port on the printer, marked with the USB symbol:

The front panel displays a message confirming that the license can be uninstalled, and asks you to press **OK** to continue.
3. Press **OK**. Please wait, and do not remove the dongle.
4. When the process to uninstall is complete, remove the dongle and store it in a safe place. You may want to install it again later in the same printer or in another one.

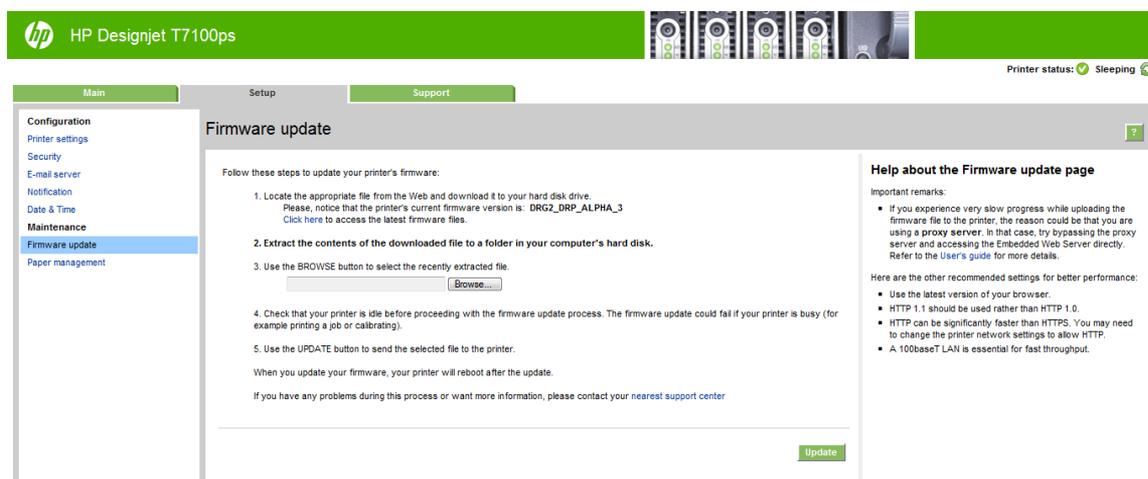
4.4 Trial license activation

You intend to use an HP SmartStream trial license

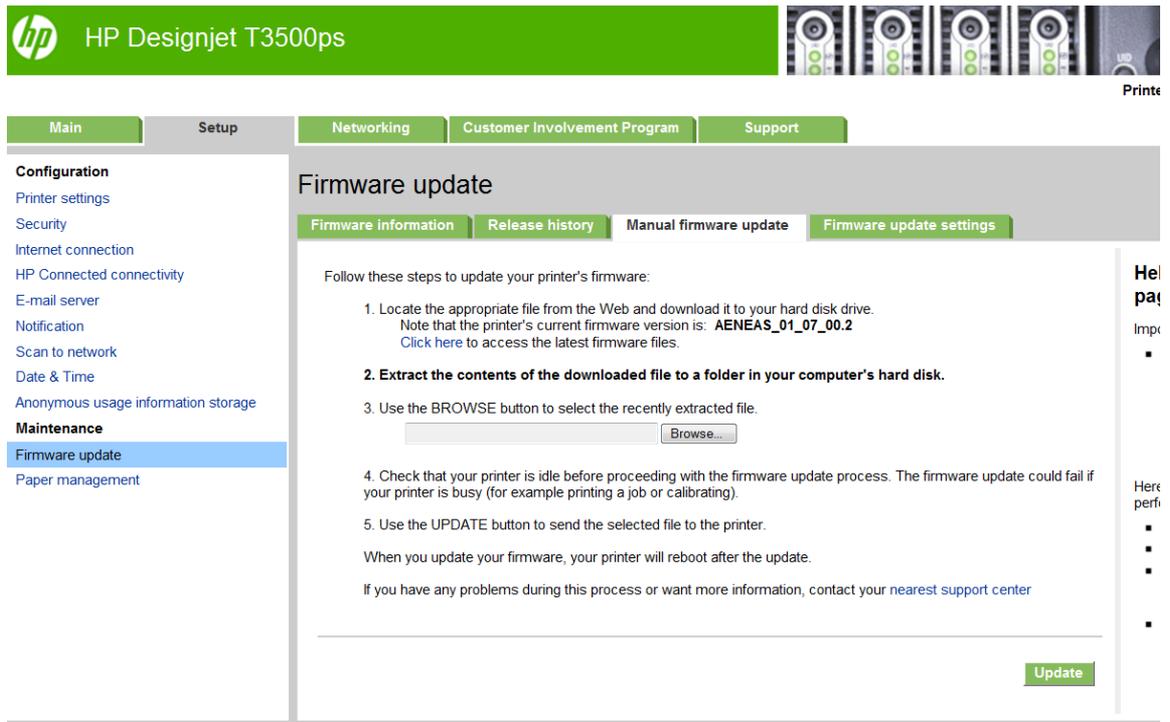
A trial license enables you to use the software for 60 days without any other license. You can use more than one printer and run HP SmartStream on more than one computer.

For further information, see <http://hp.com/go/smartstreampagewidexl/software>. You can download the trial software from www.hp.com/go/designjetsmartstream_trial.

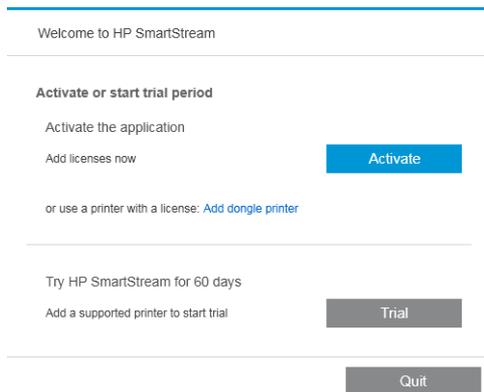
1. Ensure that you have at least one printer supported by HP SmartStream, which is turned on and connected to the local network.
2. Download the HP SmartStream Print Controller license corresponding to your printer model.
3. Open your Web browser and enter your printer's IP address.
4. Once you are in the printer's Embedded Web Server, click the **Setup** tab, then **Firmware update**.



- If you have an HP DesignJet T3500 Production eMFP, click the **Manual firmware update** tab.



- Follow the instructions to upload the Print Controller license you just downloaded.
- To check that the licenses have been correctly installed, you can use the printer's front panel to view general information about the printer (see the printer's user guide). It should tell you which HP SmartStream licenses have been installed, if any. The printer's Embedded Web Server also displays this information, near the top of the window, just under the green header bar.
- Start the application. If no licenses are active, the license activation window should open automatically.



- Click **Trial**.
- Enter the printer name and its IP address or hostname.



After activating whatever licenses you have, you can begin to use the HP SmartStream application. Your first step must always be to add a printer to the application; the user guide explains how to do this.

5 Recover a lost license

If your license server breaks down and your HP SmartStream licenses are lost, contact your support representative for assistance.

To recover the lost licenses, you must go to <http://myhplicensing.hp.com> and log in, giving the same email address that was used when the licenses were activated. From the portal, you can download the licenses again.