Fiery proServer Installation Guide

This document describes how to install the EFI™ Fiery® proServer. It is intended for customers who are installing the Fiery proServer without the assistance of a qualified technician. This document covers the following topics:

- Checking the site conditions (see page 1)

- (Optional) Installing the furniture (see page 2)

- Connecting the Fiery proServer (see page 2)

- Network bridging (see page 2)

- Licensing Fiery XF (see page 5)

- Setting up Fiery XF (see page 6)

- Completing the installation (see page 6)

Checking the site conditions

Before you install the Fiery proServer, check the site conditions.

Printer readiness

- **Is the printer configured for use with the Fiery proServer? For the correct settings, see the documentation that accompanies the printer.**

- **Is adequate space available near the printer for the Fiery proServer?**

- **Does the printer require service or adjustments?**

Before you install the Fiery proServer, print the printer color test page.

If the quality of the test page indicates that the printer needs adjustment, complete the necessary service to the printer.

- **Make sure that there is sufficient space for the Fiery proServer and optional furniture (if present).**

There should be sufficient space for the cables at the back and sides of the Fiery proServer.
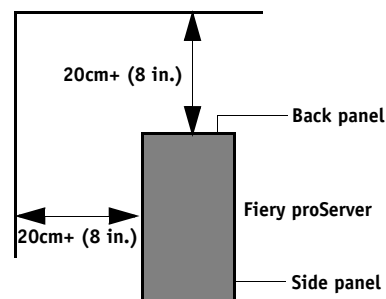

FIGURE 1: Space requirements

Network

- **Make sure that the network is available at the time of installation.**

- **Before you connect the Fiery proServer, verify with the IT administrator that the network is functioning.**

- **Make sure that the Fiery proServer is visible in the network. Move the mouse pointer to the lower-left corner of the screen to see the Windows icon. Right-click the Windows icon, and then click Control Panel. Set Control Panel to view all Control Panel items. Click Troubleshooting, and then click Network & Internet and set "Find devices and content" to on.**

When the site is ready, installation of the Fiery proServer takes about three hours. Ensure that the IT administrator is available during the installation for network connectivity.

Equipment downtime and impact on the network can be minimized if the IT administrator installs a network connector for the Fiery proServer and confirms network functionality with the connector in place before the Fiery proServer installation.

(Optional) Installing the furniture

If you have the furniture package, unpack the large box containing the furniture. Using the assembly instructions included with the accessory kit, complete the following tasks:

- Assemble the furniture.

- Install the Fiery proServer in the furniture.

- Attach the monitor to the top of the Fiery proServer.

- Place the keyboard in the keyboard tray on the underside of the furniture table top.

- Place the mouse on the table top.

Connecting the Fiery proServer

For information on connecting Fiery proServer cables and components to your company network and starting the Fiery proServer, see *Introducing Fiery proServer*.

Network bridging

Network bridging on the Fiery proServer creates a dedicated 1 GB network connection to the printer. It isolates network traffic to that printer from the prepress network and can be used either in a print-to-file workflow or in a Fiery XF workflow that is set up for bi-directional communication with an EFI printer. Additional printers can be connected to the prepress network.

All Fiery proServers are configured to bridge the two network adapters on the Fiery proServer:

- The lower Ethernet port provides an optional isolated network segment for the inkjet printer. If the Fiery proServer and the inkjet printer are both on the company network, you do not need to use this port. However, if you wish to establish an isolated network connection between the Fiery proServer and the inkjet printer, connect a cable from the lower Ethernet port to the inkjet printer. A crossover cable is not required.

- The upper Ethernet port must be connected to the prepress network. Do not connect the lower Ethernet port to the prepress network, as it can cause serious network problems. If you are using DHCP, the network adapter is already configured properly. If you are using a static IP address on the Fiery proServer, you need to reconfigure the network adapter, as described below.

TO SET UP THE FIERY PROSERVER NETWORK CONFIGURATION

1 Move the mouse pointer to the lower-left corner of the screen to see the Windows icon.

2 Right-click the Windows icon, and then click Control Panel.

3 Click Network and Internet, and then click Network and Sharing Center.

The Internet access type indicates if network bridging is activated.

4 Click "Change adapter settings".

Local Area Connection represents the lower Ethernet port (for the printer). Local Area Connection 2 represents the upper Ethernet port (for the prepress network).

5 Double-click the Network Bridge icon.

The Network Bridge Status window appears.

6 Click Properties.

The Network Bridge Properties window appears.

7 Under "Adapters", select "Local Area Connection" to configure the network for the printer.

8 Under "This connection uses the following items", select "Internet Protocol Version 4 (TCP/IPv4). Then click Properties.

The Internet Protocol Version 4 (TCP/IPv4) Properties window appears.

9 On the General tab, configure the settings for the printer.

If you want to assign an IP address via DHCP you do not need to make any changes. A static IP address is recommended. To assign a static IP address, select "Use the following IP address", and enter an IP address for the printer.

10 Click OK to return to the Network Bridge Properties window.

11 Under "Adapters", select "Local Area Connection 2" to configure the network for the prepress network. Then click Properties.

12 On the General tab, configure the settings for the prepress network.

If you want to assign an IP address via DHCP you do not need to make any changes. A static IP address is recommended. To assign a static IP address, select "Use the following IP address", and enter the IP address of the network.

13 Click OK, and close all windows.

14 If applicable, at the printer, configure the printer network settings with the static IP address that you set up in step 9.

You can now connect to the printer from the Fiery proServer and from the prepress network.

TO DELETE THE NETWORK BRIDGE PERMANENTLY

Network bridging is automatically established each time the Fiery proServer is started, even if you delete the network bridge manually in Windows Control Panel. If you do not intend to use a dedicated connection to the printer, the only way to permanently deactivate the network bridge is to edit the SystemSettings.ini file.

1 Move the mouse pointer to the lower-left corner of the screen to see the Windows icon. Click the Windows icon.

2 Move the mouse pointer to the lower-left corner of the screen, right-click Notepad, and click Run as administrator.

3 When asked if you want to allow the following program to make changes to this computer, click Yes.

Notepad starts.

4 Press <Ctrl>+<o>.

The Open window appears.

5 Change the file view from "Text Documents (*.txt)" to "All Files".

6 Browse to the C:\WINDOWS\OEM\Branding folder and open the SystemSettings.ini file.

7 Change the line "NetworkConfig = Bridge" to "NetworkConfig = Independent".

8 On the File menu, click Save.

9 Restart your computer.

Licensing Fiery XF

The licensing procedure uses the dongle ID to create a fixed link between the software and the dongle. Each dongle is unique and can be identified by its electronically integrated ID.

IMPORTANT

You cannot license Fiery XF if you connect to the Fiery proServer by using a remote desktop connection.

TO GENERATE AND INSTALL A LICENSE FILE

1 Make sure that the dongle is inserted firmly into a USB port on the back panel of the Fiery proServer and that the dongle LED is lit.

2 Do one of the following:

- In the Fiery proServer Configuration dialog box, click Activate Fiery XF.

- Right-click Fiery XF Control, and click Activate Fiery XF.

The EFI Activation Wizard starts.

3 When asked if you want to allow the following program to make changes to this computer, click Yes.

4 Click the Automatically tab.

The Automatically tab lets you generate a new license.

5 Enter the EAC code in the appropriate edit boxes. Then click Next Step to establish a connection to the EFI Activation Server.

The EAC code is provided as a printed document with Fiery proServer. The EAC code is case-sensitive.

6 Read carefully the information regarding product registration. Then click Next Step.

7 Fill out the online form with your user registration details.

8 Click Install License.

A license file is created and downloaded to the FlexLM folder located at C:\Program Files (x86).

IMPORTANT

If problems arise when trying to download a license file, go to the website: http://activation.efi.com.

9 Click Finish to exit the Activation Wizard.

You can download a license file at any time from the EFI Activation Server. There is no restriction on the number of times that you can download a license file. All you need to generate a new license file is the dongle ID and the printed Entitlement Access Code (EAC) that was provided with Fiery proServer. For more information, see the *User Guide*.

10 Restart your computer.

Setting up Fiery XF

After licensing Fiery XF and restarting Fiery proServer, the Fiery XF Control icon in the status area of the Windows taskbar changes from red to green. This indicates that the Fiery XF server is running.

If the icon is not visible, click the up arrow in the status area of the taskbar to show the hidden icons, and then drag the Fiery XF Control icon from the hidden icon area to the status area.

Fiery XF starts automatically whenever you power on the Fiery proServer. Make sure that your software is up to date before setting up Fiery XF. For more information on setting up Fiery XF, see the *Quick Start Guide*.

Updating the software

IMPORTANT

Before setting up Fiery XF, make sure that your software is up to date. To update the software, the Fiery proServer must be connected to the Internet.

Ensure that you have the latest version of Fiery XF installed on your computer. Search for available program updates to make sure that your version of Fiery XF is up to date. To check for available updates, press the line selection button for "Online update" on the control panel of the Fiery proServer.

Then, select and download any available updates.

Completing the installation

To complete the installation of the Fiery proServer, do the following:

- Save a backup of the Fiery proServer system to a USB drive, network share, or external hard disk drive.

  The system backup enables you to restore the system to an earlier state in case of a problem. The backup procedure may take up to one hour, depending on the backup medium used and the volume of job data. It is recommended that you save backups at regular intervals.

  For more information, see the *User Guide*.

- (Optional) Save a backup of the Fiery XF license file to a network share or removable media drive. The license file is located in c:\Program Files (x86)\FlexLM on the Fiery proServer.

  The backup license file enables the IT administrator to reactivate the Fiery XF license after restoring the Fiery proServer system to its factory state.

- Store the Entitlement Access Code (EAC) and all media shipped with the Fiery proServer in a safe location, accessible to service personnel in case of a future service call.

- Configure the connection to the printer, as described in the *Quick Start Guide*.