

Reissued: 8-Jun-16

Model: MET-C2 Color Controller E-23C	Date: 8-Jun-16	No.: RD3BN001a
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RTB Reissue

The item in **blue-colored bold** on the 1st page has been corrected.

Subject: Important notes on installing the Color Controller E-23C		Prepared by: C.Tsuji	
From: 1st Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input checked="" type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input type="checkbox"/> Other ()	<input type="checkbox"/> Tier 2

This Technical Bulletin contains important notes on installation of the Color Controller E-23C for Model Met-C2 a/b/c/d/e.

Approved Firmware for Model Met-C2 connected with the E-23C Controller

Make sure to upgrade the firmware modules for Model Met-C2 to the following versions or newer when installing the E-23C.

Supported initial firmware versions:

Name		P/N	Version
Engine	Met-C2 a/b	D2395503D	1.03 : 02
	Met-C2 c/d/e	D2425503D	1.03 : 04
System/Copy	Met-C2 a/b	D2395550H	1.03
	Met-C2 c/d/e	D2425550H	1.03
Cheetah System	-	D2411420G	1.06
ADF_SINAI-E SPDF DF3100	-	D3B05550E	01.020 : 06

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SP settings for the E-23C Controller

As described in the service manual, change the following four SP values in Model Met-C2 when installing the E-23C.

SP#: 5193-001Value: **1** (Default: 0)

* The valid external controller will be specified as "Fiery controller".

SP#: 5895-001Value: **1** (Default: 0)* This setting disables the pre-installed GW printer features.
GW printer features must be disabled to use the E-23C.**SP#: 4201-003****SP#: 4201-004**Values: **15** (Default: 11)

* These settings will optimize the engine print parameters for E-23C.

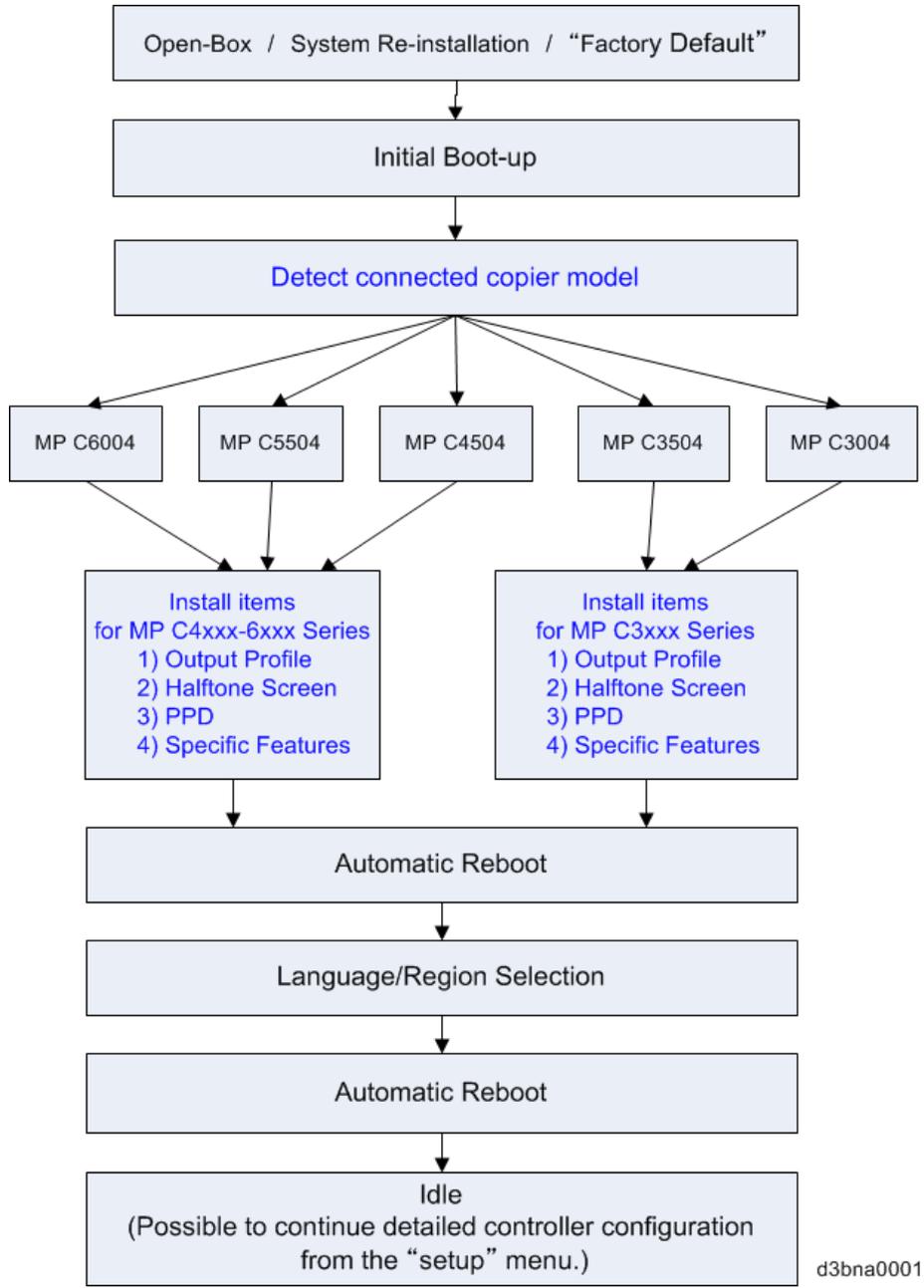
Note: All of the above modified SP values will be cleared and set back to the default value "0" if the "Erase All Memory" function is executed.

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Important notes on E-23C installation

Once you install and connect the E-23C with the copier (MP C3004 / MP C3504 / MP C4504 / MP C5504 / MP C6004), E-23C will be configured as follows during the initial boot-up.



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Compatibility table

Copier to be used with E-23C Copier connected during the initial boot-up of E-23C	MP C6004	MP C5504	MP C4504	MP C3504	MP C3004
MP C6004	S	S	S	NS	NS
MP C5504	S	S	S	NS	NS
MP C4504	S	S	S	NS	NS
MP C3504	NS	NS	NS	S	S
MP C3004	NS	NS	NS	S	S

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S: Supported

NS: Not Supported. Execute "Factory Default" to support the copier.

Refer to the above compatibility table, if you plan to pre-install and pre-configure the E-23C before customer site installation, or if the copier model in use with the E-23C is to be changed.

For example, if the copier in use by the customer is C5504, E-23C needs to be pre-installed and pre-configured with C5504 or C6004 or C4504.

If the configured E-23C is connected to an incompatible copier model (= **NS** in the above table) at a later time, "Invalid engine configuration" error appears on the operation panel as shown below. Printing is not possible in this state.



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To enable printing, re-configure the E-23C with the copier in use, execute "Factory Default" (Restoring the E-23C to Factory Defaults) and follow the installation procedure once again.

How to Identify the Copier Model Initially Connected with the E-23C

Check the Output Profile name in the printed configuration sheet, Command WorkStation, etc.

CMYK Processing Method	Full (Output GCR)
Separate RGB/Lab to CMYK source	Off
Use Media Defined Profile	On
Output Profile	Fiery MP C3004-C3504 Normal v1F

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Copier connected during the initial boot-up of E-23C	Output Profile Name
MP C6004/5504/4504	Fiery MP C4504-C6004 Normal v1F
MP C3504/3004	Fiery MP C3004-C3504 Normal v1F

Model: MET-C2 Color Controller E-23C		Date: 23-May-16	No.: RD3BN002
Subject: Release Notes for USB Setup Tool Ver. 2.0.21		Prepared by: Chisato Tsuji	
From: 1 st PP Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other ()	

This RTB has been issued to announce the release of the USB Setup Tool Ver.2.0.21.

Product Name:

Fiery USB Setup Tool v2.0.21

File name/File size:

Fiery USBSetupTool.exe / 64.5 MB

About USB Setup Tool

With the color controller E-23C, use this Fiery USB Setup Tool in the following cases:

1. To install the Fiery system software on the E-23C hard disk via USB flash drive.
2. To backup and restore the Fiery system software and settings with the "Fiery Clone Tools for Embedded Servers"

For how to use this tool, refer to the service manual for Color Controller E-23C.

Model: MET-C2 Color Controller E-23C		Date: 23-Jun-16	No.: RD3BN003
Subject: Release Notes for Fiery Clone Tool Ver. 2.1		Prepared by: Chisato Tsuji	
From: 1 st PP Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other ()	

This RTB has been issued to announce the release of the “Fiery Clone Tool Ver.2.1”

Product Name:

Fiery Clone Tool for Embedded Server Ver.2.1

File name/File size:

FCT_forEmbeddedServers_2.1.iso / 20,568KB

About Fiery Clone Tool

With the color controller E-23C, use this Fiery Clone Tool in the following cases:

1. To back up a customized system from a unit of E-23C to a USB flash drive.
2. To restore the backup file to the same E-23C unit mainly in the following cases:
 - 1) Restore on E-23C with a specific setup configuration
Examples,
 - After HDD replacement.
 - Downgrade the system (=worth removing the latest patches).
 - 2) Remedy a system failure, such as software corruption or HDD failure.

For how to use this tool, refer to the service manual of Color Controller E-23C.

Reissued: 24-Nov-16

Model: MET-C2 Color Controller E-23C	Date: 17-Nov-16	No.: RD3BN004a
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RTB Reissue

The items in ***red bold italics*** were corrected.

Subject: Patch (FIT101370301.ps) release notes for Color Controller E-23C System Software Version 1.0		Prepared by: Chisato Tsuji	
From: 1 st PP Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other ()	

This RTB has been issued to announce the release notes on the patch "**FIT101370301.ps**" for the Color Controller E-23C **system software version 1.0**.

Patch File	Issue(s)
FIT101370301.ps	A patch to upgrade OpenSSL to 1.0.2g.

Before installing FIT101370301.ps:

- Known issues listed below, read before installing **FIT101370301.ps** patch:
 - None**
- The following prerequisite(s) must be installed in the order specified before installing **FIT101370301.ps**:
 - None**
- Do **NOT** install any of the following patch(es) after installing the **FIT101370301.ps** patch. If you must install any of the patch(es) below, do so **before** installing the **FIT101370301.ps** patch:
 - None**
- This patch is not exclusive, it can be installed along with other patches concurrently, and one server Reboot or Restart is sufficient for all patches to take effect on the system.
- In the case where the customer needs to install a patch which was previously skipped in the patch order, it is necessary to reinstall the system.

Reissued: 24-Nov-16Model: **MET-C2 Color Controller E-23C**

Date: 17-Nov-16

No.: RD3BN004a

Patch installation instructions:

- 1 Make sure that the Fiery controller has reached Idle.
- 2 Import the patch file FIT101370301.ps using Command WorkStation to the **Direct** queue.
- 3 You must wait until the file finishes processing and Command WorkStation or the LCD show Idle.
This ensures the patch file is completely processed.
User should wait approx 60 seconds for complete installation of patch.
- 4 From Command WorkStation, choose **Server > Reboot Server**,
or
from the Fiery LCD, select **Restart Fiery > Restart System**.
- 5 Wait until the Fiery controller reaches Idle and print the configuration page.
- 6 Verify that the **Update Info** section contains the patch number **FIT101370301**.

Model: MET-C2 Color Controller E-23C		Date: 29-Mar-17	No.: RD3BN005
Subject: Patch (FIT101497276.ps) release notes for Color Controller E-23C System Software Version 1.0		Prepared by: Chisato Tsuji	
From: 1 st PP Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other ()	

This RTB has been issued to announce the release notes on the patch “**FIT101497276.ps**” for the Color Controller E-23C **system software version 1.0**.

Patch File	Issue(s)
FIT101497276.ps	The controller falsely responds to a communication targeted to a different IP address (192.168.1.10).

Uninstallation Capability	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Uninstaller Patch File	uninstall_sp.exe

Table of Contents

- Before installing **FIT101497276.ps**
- Patch installation instructions
- About Uninstaller Patch
- Notes for uninstalling **FIT101497276.ps**
- Uninstaller Patch installation instructions

Before installing FIT101497276.ps:

1. Known issues listed below, read before installing **FIT101497276.ps** patch:
 - **None**
2. The following prerequisite(s) must be installed in the order specified before installing **FIT101497276.ps**:
 - **None**
3. Do **NOT** install any of the following patch(es) after installing the **FIT101497276.ps** patch. If you must install any of the patch(es) below, do so **before** installing the **FIT101497276.ps** patch:
 - **None**
4. This patch is not exclusive, it can be installed along with other patches concurrently, and one server Reboot or Restart is sufficient for all patches to take effect on the system.
5. In the case where the customer needs to install a patch which was previously skipped in the patch order, it is necessary to reinstall the system.

Model: MET-C2 Color Controller E-23C	Date: 29-Mar-17	No.: RD3BN005
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Patch installation instructions:

- 1 Make sure that the Fiery controller has reached Idle.
- 2 Import the patch file **FIT101497276.ps** using Command WorkStation to the **Direct** queue.
- 3 You must wait until the file finishes processing and Command WorkStation or the LCD show Idle. This ensures the patch file is completely processed. User should wait approx 60 seconds for complete installation of patch.
- 4 From Command WorkStation, choose **Server > Reboot Server**, or from the Fiery LCD, select **Restart Fiery > Restart System**.
- 5 Wait until the Fiery controller reaches Idle and print the configuration page.
- 6 Verify that the **Update Info** section contains the patch number **FIT101497276**.

About the Uninstaller Patch:

1. The uninstaller patch (**uninstall_sp.exe**) uninstalls the last patch applied to the system.
2. The uninstaller patch can only be used when the patch you intend to uninstall has the uninstallation capability.
3. The uninstaller patch uninstalls one patch at a time. Once the server reaches idle after uninstallation of the patch, the server will return to the state before the patch was first installed.
4. The uninstaller patch is exclusive and must be installed independently. Reboot the server, to install other patches.

Notes for uninstalling the FIT101497276.ps:

1. This **FIT101497276.ps** patch has the uninstaller capability.

To uninstall this patch, make sure to use the uninstaller patch (**uninstall_sp.ps**) that is provided with **FIT101497276.ps** patch.

2. If **FIT101497276.ps** is not the last patch applied to the system, every patch installed after **FIT101497276.ps** must be uninstalled one by one before uninstalling **FIT101497276.ps**.
3. Important notes for uninstalling **FIT101497276.ps** patch with the uninstaller patch:
 - To completely remove the effect of the patch **FIT101497276.ps**, reboot the system **2 times** after uninstallation.

Uninstaller Patch installation instructions:

1. Make sure that the Fiery controller has reached Idle.
2. Import the patch file **uninstall_sp.ps** using Command WorkStation to the **Direct** queue.
3. You must wait until the file finishes processing and Command WorkStation or the LCD show Idle. This ensures the patch file is completely processed. User should wait approx 60 seconds for complete installation of patch.

Model: MET-C2 Color Controller E-23C	Date: 29-Mar-17	No.: RD3BN005
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4. From Command WorkStation, choose **Server-> Reboot Server**,
or
from the Fiery LCD, select **Restart Fiery -> Restart System**.
5. When the Fiery controller reaches idle, **reboot the Fiery controller again**.
6. Wait until the Fiery controller reaches Idle and print the Configuration page.
7. Verify that the **Update Info** section does **NOT** contain the patch number **FIT101497276**.

Model: Color Controller E-23C (MET-C2) System Version: 1.0	Date: April 17, 2017	Revision:
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Patch File: FIT101373991.ps

Issue(s) address to this Patch:

- Image may appear grainy with particular files, if printed from PCL driver with 600dpi setting.
- Printer status does not appear on the status confirmation screen until the first job is run.

Uninstallation Capability	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Uninstaller Patch File	uninstall_sp.ps

Table of Contents

- Before installing **FIT101373991.ps**
- Patch installation instructions
- About Uninstaller Patch
- Notes for uninstalling **FIT101373991.ps**
- Uninstaller Patch installation instructions

Before installing FIT101373991.ps:

1. Known issues listed below, read before installing **FIT101373991.ps** patch:
 - **None**
2. The following prerequisite(s) must be installed in the order specified before installing **FIT101373991.ps**:
 - **None**
3. Do **NOT** install any of the following patch(es) after installing the **FIT101373991.ps** patch. If you must install any of the patch(es) below, do so **before** installing the **FIT101373991.ps** patch:
 - **None**
4. This patch is exclusive, it must be installed by itself (no other patches should accompany this patch while installing), and the Fiery controller must be rebooted or restarted once. After that, other patches can be applied to the Fiery controller.

Note: If you have installed other non-exclusive patches before this patch you must reboot the Fiery controller to apply those patches first.
5. In the case where the customer needs to install a patch which was previously skipped in the patch order, it is necessary to reinstall the system.

Patch installation instructions:

- 1 Make sure that the Fiery controller has reached Idle.
- 2 Import the patch file **FIT101373991.ps** using Command WorkStation to the **Direct** queue.
- 3 You must wait until the file finishes processing and Command WorkStation or the LCD show Idle. This ensures the patch file is completely processed. User should wait approx 60 seconds for complete installation of patch.
- 4 From Command WorkStation, choose **Server > Reboot Server**,
or
from the Fiery LCD, select **Restart Fiery > Restart System**.
- 5 Wait until the Fiery controller reaches Idle and print the configuration page.
- 6 Verify that the **Update Info** section contains the patch number **FIT101373991**.

About the Uninstaller Patch:

1. The uninstaller patch (**uninstall_sp.ps**) uninstalls the last patch applied to the system.
2. The uninstaller patch can only be used when the patch you intend to uninstall has the uninstallation capability.
3. The uninstaller patch uninstalls one patch at a time. Once the server reaches idle after uninstallation of the patch, the server will return to the state before the patch was first installed.
4. The uninstaller patch is exclusive and must be installed independently. Reboot the server, to install other patches.

Notes for uninstalling the FIT101373991.ps:

1. This **FIT101373991.ps** patch has the uninstaller capability.

To uninstall this patch, make sure to use the uninstaller patch (**uninstall sp.ps**) that is provided with **FIT101373991.ps** patch.

2. If **FIT101373991.ps** is not the last patch applied to the system, every patch installed after **FIT101373991.ps** must be uninstalled one by one before uninstalling **FIT101373991.ps**.
3. Important notes for uninstalling **FIT101373991.ps** patch with the uninstaller patch:
 - **None**

Uninstaller Patch installation instructions:

1. Make sure that the Fiery controller has reached Idle.
2. Import the patch file **uninstall_sp.ps** using Command WorkStation to the **Direct** queue.
3. You must wait until the file finishes processing and Command WorkStation or the LCD show Idle. This ensures the patch file is completely processed. User should wait approx 60 seconds for complete installation of patch.
4. From Command WorkStation, choose **Server-> Reboot Server**,

or

from the Fiery LCD, select **Restart Fiery -> Restart System**.

5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. **Verify that the Update Info section does NOT contain the patch number FIT101373991.**

Utility Name: Fiery USB Setup Tool Version: 2.0.25	Date: June 16, 2017	Revision:
File Name / File Size: <ul style="list-style-type: none">● File name/File size: Fiery USBSetupTool.exe / 64.8 MB		
Supported Controller Models: <ul style="list-style-type: none">● Color Controller E-22B / E-22C / E-23C / E-24B		

About USB Setup Tool

Use this Fiery USB Setup Tool in the following cases:

1. To install the Fiery system software to controller's hard disk via the USB flash drive.
2. To backup and restore the Fiery system software and settings with the "Fiery Clone Tools for Embedded Servers"

For how to use this tool, refer to the service manual of the controller model.

Update History

- Ver.2.0.21→Ver.2.0.25
Added E-24B as supported model.

Utility Name: Fiery Clone Tool for Embedded Server Version: 3.2	Date: June 16, 2017	Revision:
File Name / File Size: <ul style="list-style-type: none">• File name/File size: FCTe-3.2.iso / 27, 876 KB		
Supported Controller Models: <ul style="list-style-type: none">• Color Controller E-22B / E-22C / E-23C / E-24B		

About Fiery Clone Tool

With the Fiery controller (embedded model), use this Fiery Clone Tool in the following cases:

1. To back up a customized system from a unit of Fiery controller to a USB flash drive.
2. To restore the backup file to the same Fiery controller unit mainly in the following cases:
 - 1) Restore on Fiery controller with a specific setup configuration
Examples,
 - After HDD replacement.
 - Downgrade the system (=worth removing the latest patches).
 - 2) Remedy a system failure, such as software corruption or HDD failure.

Update History

- Ver.2.1 → Ver.3.2
FS200 products are supported since Ver.3.2. (E-24B is the only FS200 product as of the release of Ver.3.2.)

Notes for using Fiery Clone Tool on Color Controller E-24B:

- E-24B is equipped with another backup and restore feature called "Fiery System Restore."
(WebTool > HomeTab)
- Fiery System Restore may be more suitable than the Fiery Clone Tool depending on the purpose.
- E-24B service manual contains a comparison table of backup features, including the "Fiery System Restore" and "Fiery Clone Tool."
When using Fiery Clone Tool, refer to the E-24B service manual for detailed procedure and specs of the USB drive, etc.

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- Backup and Restore
 - Overview
 - ✧ Creating Backup Files
 - ✧ Restore Backup Files
 - Using the “Backup/Restore” feature
 - ✧ Accessing the Backup/Restore feature
 - ✧ Creating Backup files
 - ✧ Restoring Backup files
 - Using the Fiery Clone Tool
 - ✧ Preparation
 - ✧ Backup: Creating Clone Image Files from Fiery controller
 - ✧ Restore: Transferring Clone Image Files to Fiery controller.
 - ✧ LED Error Codes Related To the Fiery Clone Tools

Backup and Restore (E-22B/E-22C/E-23C)

Overview

As a careful practice, **Backup and Restore** and **Fiery Clone Tool** can be used in combination to back up settings and files on the Fiery controller HDD and later restore when necessary.

- Backup / Restore (User Tool, also introduced in the User manual)
- Fiery Clone Tools (Service Tool)

Since the **Fiery Clone Tool** creates a clone image containing the system software and patches applied to the Fiery controller, using the Fiery Clone Tool regularly will help reduce workload and downtime when the system needs to be re-installed to recover from system software or HDD related problems.

⬇ Note

- The explanations provided here are purposed for Backup and Restore performed on the **same unit**.
- As long as the key chip on the motherboard of Fiery controller is the same, the unit will be identified as the same Fiery controller unit even if certain components have been replaced. However, if the key chip has been replaced, the unit is no longer identified as the same Fiery controller unit.
If restored to a different Fiery controller unit, customized settings and files will not be completely restored.

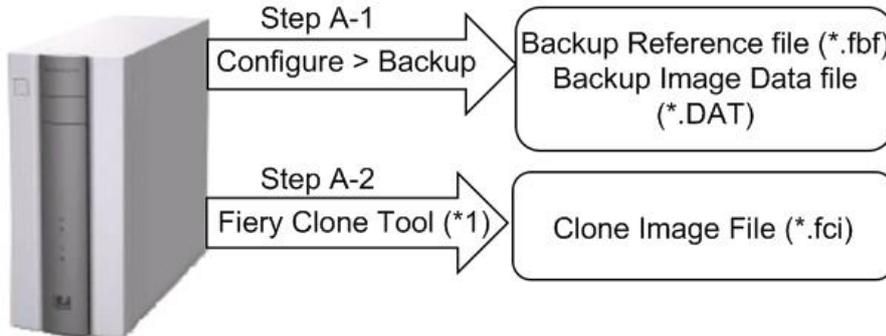
	Backup/Restore (User Tool)	Fiery Clone Tool (Service Tool)
Backup Items	<ul style="list-style-type: none"> ▪ Fiery System Settings ▪ Color Settings ▪ Preflight Presets ▪ Scan Settings ▪ Virtual Printers ▪ Server Presets ▪ Fonts ▪ Job Log 	<ul style="list-style-type: none"> ▪ Everything in the Fiery controller HDD, except the contents of the jobs sitting in the queues. ▪ The Backup file will contain the Fiery system software with patches applied.

	Backup/Restore (User Tool)	Fiery Clone Tool (Service Tool)
Important Notice	For information on items that can be restored and workaround for items that cannot be restored when using only the Backup/Restore feature without the Fiery Clone Tool, refer to the Configuration and Setup manual (http://help.efi.com/ricoh/docs/).	Since some of the Fiery system settings cannot be restored and will return to default, it is recommended to use the Backup/Restore (User Tool) feature as a set. (See next page.)
Tools and required items	Backup/Restore feature included in the "Configure" menu (Webtools or Command WorkStation)	<ul style="list-style-type: none"> ▪ Utilities for Windows PC (Provided via Firmware download site) <ul style="list-style-type: none"> ▪ Fiery Clone Tools ▪ Fiery USB Setup Tool ▪ USB 2,0 flash drive (8GB-32GB) ▪ Windows PC with USB port and 256MB available memories.
Created Backup Files (required when Restore)	<ul style="list-style-type: none"> ▪ Backup Reference file (*.fbf) ▪ Backup Image Data file (*.DAT) 	<ul style="list-style-type: none"> ▪ Clone Image File (*.fci)
Remarks	The current date and time are not restored, but time zone and time server settings are restored.	<ul style="list-style-type: none"> ▪ HDD will be formatted when the clone image is restored. ▪ Some of the system setting will return to default when the clone image is restored.

A. Creating Backup Files

When.....

- Fiery controller is installed with patches.
- New patches and updates are installed.
- Fiery System Settings are changed from "Configure" or "Setup" menu.



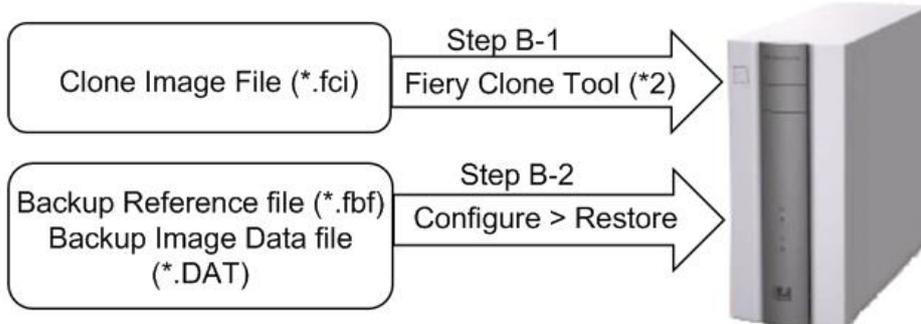
w_d3bna0020

Note *1: User data on the Hold/Printed queues will not be backed up.

B. Restoring Backup Files

When....

- Restore an Fiery controller with a specific setup configuration.
Examples,
 - after HDD replacement.
 - downgrade the system (= worth removing the latest patches).
- Remedy a system failure, such as software corruption or HDD failure.



w_d3bna0021

Note *2: The HDD of Fiery controller will be formatted before the clone image file is transferred to Fiery controller.

⬇ Note

- If the motherboard has been replaced, adjust the system date and time after Step B-2.

Using the "Backup / Restore" Feature

You can back up and restore the entire Fiery controller configuration or selected settings. Backing up the settings creates a configuration file containing the current settings. Restoring the settings does not require reinstallation of any software.

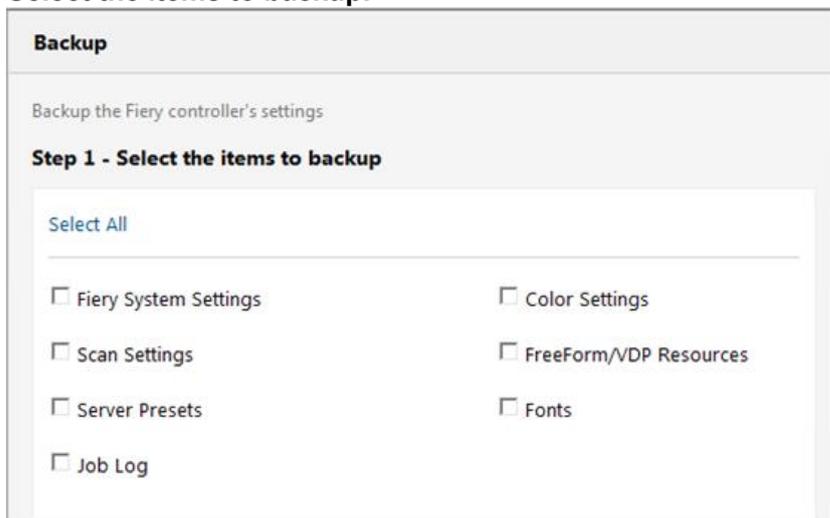
Accessing the Backup/Restore feature

- Either from Webtools or Command WorkStation, go to Configure > Fiery Server > Backup or Restore.
- From the Command WorkStation, go to the Device Center tab > General > Tools > "Backup&Restore".

The following is the procedure when starting from Configure.

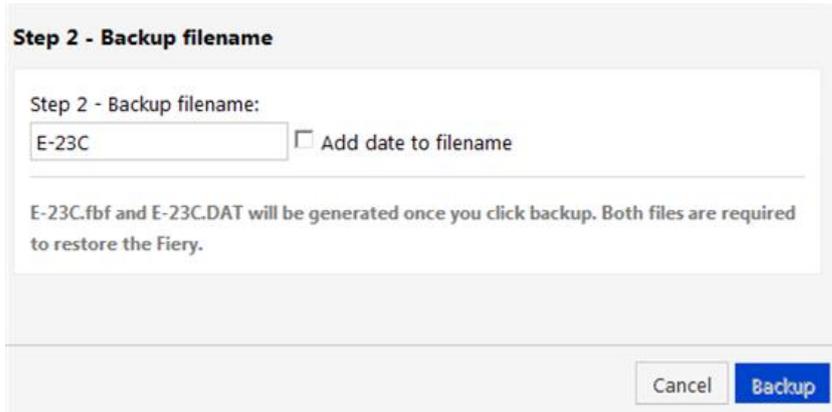
Creating Backup files

- 1. Print a configuration sheet and confirm the date, time, and time zone are correct.**
If not, correct the date and time.
- 2. Access to Configure.**
- 3. Choose Fiery Server.**
- 4. Click Backup.**
- 5. Select the items to backup.**



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- 6. Specify the backup filename.**
It is recommended to specify the "Add date to filename" option.



d3bna0023

7. Click Backup.

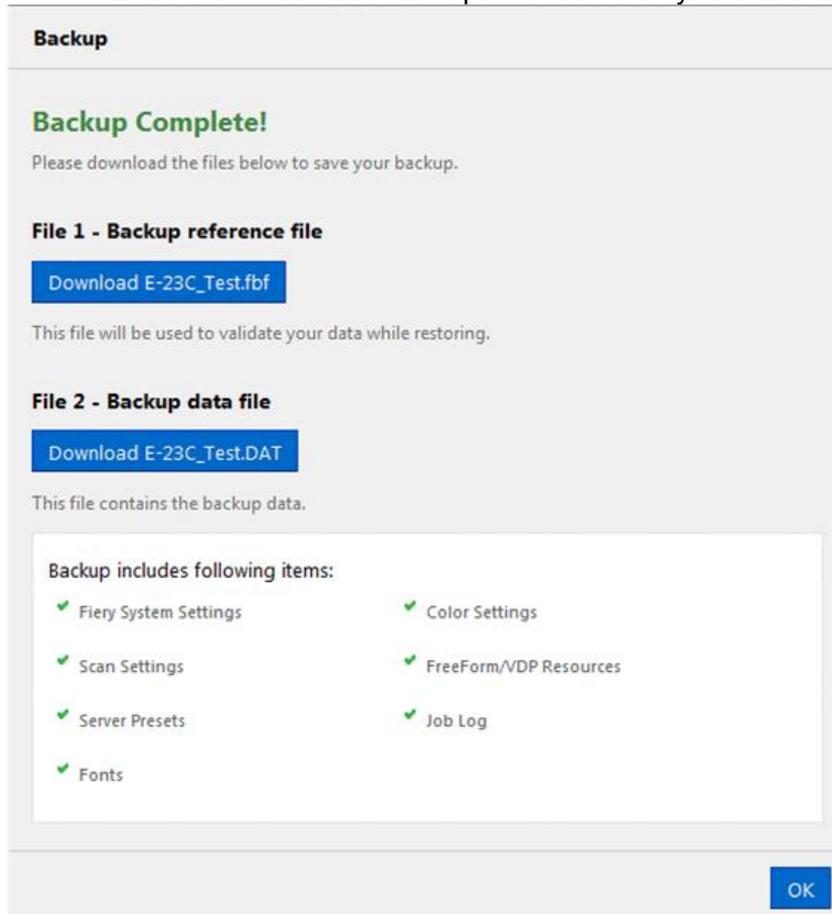


- Make sure that two files (*.fbf and *.DAT) are generated. Both files are required to restore the Fiery.

8. Backup will start. When completed, the following screen appears.



- Do not close this window or press OK before you download the two files.



d3bna0024

9. Download the Backup reference file (*.fbf) and Backup data file (*.DAT) by clicking the "Download" buttons and save them to the HDD on the client PC.

Restoring Backup files

1. **Access to Configure.**
2. **Choose Fiery Server.**
3. **Click Restore.**

The screenshot shows a 'Restore' dialog box with the following content:

Restore

Restore the Fiery settings from backup. Please note that this will overwrite your existing settings.

Step 1 - Select backup reference file

[File selection field] [Browse...]

This file will have a ".fbf" extension.

Step 2 - Select backup data file

[File selection field] [Browse...]

This file will have a ".DAT" extension.

d3bna0025

4. **Select backup reference (*.fbf) file and backup data (*.DAT) file from your client PC, and click Next.**

The screenshot shows a 'Restore' dialog box with the following content:

Restore

Select the items to restore

Clear All

<input checked="" type="checkbox"/> Fiery System Settings	<input checked="" type="checkbox"/> Color Settings
<input checked="" type="checkbox"/> Scan Settings	<input checked="" type="checkbox"/> FreeForm/VDP Resources
<input checked="" type="checkbox"/> Server Presets	<input checked="" type="checkbox"/> Fonts
<input checked="" type="checkbox"/> Job Log	

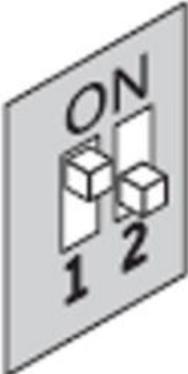
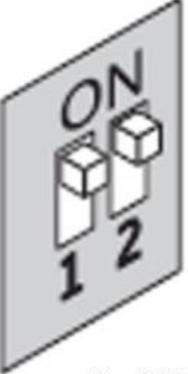
d3bna0026

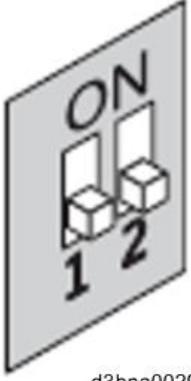
5. **Select the items to restore and click Restore.**
6. **After a while, the following screen will appear. Click Reboot.**

Using the Fiery Clone Tool

The Fiery Clone Tool allows you to clone the entire Fiery system to an image file and save it in a folder on a USB flash drive connected to the Fiery controller. You can restore the image file to the same Fiery controller (with same key chip) in order to restore the system to a previous configuration.

The Fiery Clone Tool functions with the service switches and the diagnostic LEDs of the back panel of the Fiery controller to communicate the status, error, progress and actions required. The service switches are used to apply an action. The diagnostic LEDs flash codes in one second intervals to prompt required actions and to indicate progress and completion of a process, and in half-second intervals to indicate error statuses.

Service switch position	LED status code	Description
<p>Boot</p>  <p>d3bna0027</p>	AA, 00	<ul style="list-style-type: none"> ▪ To boot the Fiery controller from the USB flash drive. ▪ The diagnostic LEDs flash "AA" then "00" and repeats to indicate boot status. <p>Note</p> <ul style="list-style-type: none"> ▪ This setting must be performed before you start and using the Fiery Clone Tool.
<p>Backup</p>  <p>d3bna0028</p>	b0	<ul style="list-style-type: none"> ▪ To back up the Fiery controller by creating an image file. ▪ When you start the backup process, the diagnostic LEDs flash "b1", "b2", "b3" in one second intervals, and repeats the cycle to indicate backup is in progress. ▪ When the backup process is complete, the diagnostic LEDs cycle "bC", "00" in one second intervals and repeats to indicate completion status. Remove the USB flash drive at backup completion.

Service switch position	LED status code	Description
<p>Restore</p>  <p>d3bna0029</p>	C0	<ul style="list-style-type: none"> ▪ To restore the Fiery controller with the image file. ▪ When you start the restore process, the diagnostic LEDs flash "C1", "C2", "C3" in one second intervals, and repeats the cycle to indicate restore is in progress. ▪ When the restore process is complete, the diagnostic LEDs cycle "CC", "00" in one second intervals and repeats to indicate completion status. Remove the USB flash drive at restore completion.

Preparation

Before using Fiery Clone Tool, you must prepare a bootable USB flash drive for backing up and restoring from image files. This can be done with the **Fiery USB Setup Tool**, version 2.0.25 or later.

Items to Prepare:

- Fiery USB Setup Tool (*1)
- Fiery Clone Tool for Embedded Servers (*1)
- Windows PC with the following specification.
 - OS: Windows 7 or later
 - Supports USB 2.0
 - 256MB of available memory
- USB 2.0 flash drive, at least 8GB capacity (Max: 32GB)

*1: The tools can be downloaded via the firmware download site.

Creating a bootable USB flash drive installed with the Fiery Clone Tool:

1. **Download the Fiery Clone Tool from the firmware download site and extract it.**
The Fiery Clone Tool file is provided in *.ISO format.
2. **Install the USB Setup Tool on your client PC, if is not already installed.**
 1. Download the USB Setup Tool from the firmware download site and extract it.
 2. Double-click the Fiery_USBSetupTool.exe to start the installer.
 3. When the setup wizard is launched, click Next.
 4. Accept the terms of the license agreement and then click Next.
Wait while the installer verifies the installation requirements.

Note

- If the PC does not already have .Net framework installed, click Accept to accept the terms of the license agreement that appears on the screen. Wait up to 10 minutes as the .Net framework files are installed.
5. At the next screen, accept or change the destination location, and then click Next.
 6. When prompted, click Install to begin the installation.
Wait while the application is installed on the PC.

- At the InstallShield Wizard Complete screen, click Finish.

Note

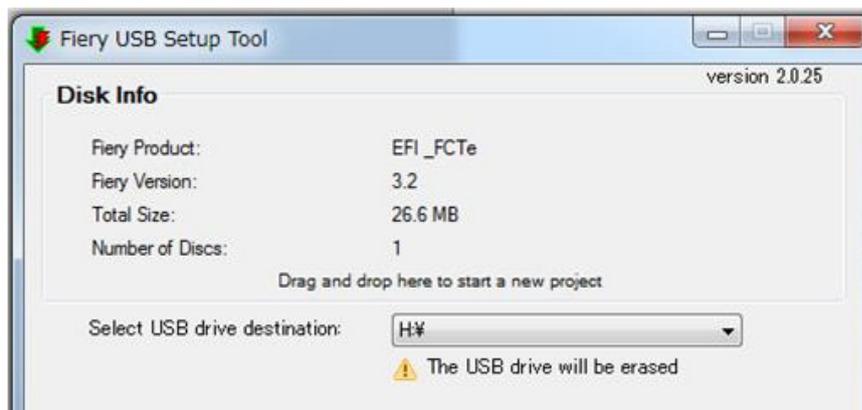
- The version information is displayed on the top-right corner of the Fiery USB Setup Tool main window. More information about the Fiery USB Setup Tool version can be found in Control Panel > Add or Remove Programs. In Windows 7, click Control Panel > Programs and Features.

3. Create a bootable USB flash drive with the Fiery Clone Tool program included.

- Start the USB setup tool application by clicking Start and choosing All Programs > EFI > Fiery USB Setup Tool.
- Insert the USB flash drive into a USB port of the Windows PC.

CAUTION

- All data on the USB flash drive will be erased when the drive is reformatted during the preparation procedure. Make sure that no valuable data resides on the USB flash drive.
- Follow the on-screen prompts.
 - Start screen - Specify the location from which to copy the Fiery Clone Tool software (the drive letter of the media drive). Specify the drive to copy to (the drive letter of the USB flash drive). Proceed when the Proceed button appears. Click OK to begin formatting the USB flash drive and make the USB flash drive bootable.



- Prepare screen - The progress bar shows that the contents of the software are being copied. Do not cancel. After all of the contents have been copied, click the Proceed button when it appears to continue.
 - Finish screen - Confirm that the contents of the software are being copied. Click Finish to exit Fiery USB Setup Tool.
- Confirm on the Windows PC that the USB flash drive has now the following files included.



Note

- Copying these files to an empty USB flash drive will not substitute Steps 3-1 through 3-3. Always do Steps 3-1 through 3-3 for the bootable USB flash drive containing the Fiery Clone Tool to work properly.

- Remove the USB flash drive in a safe way from the PC.

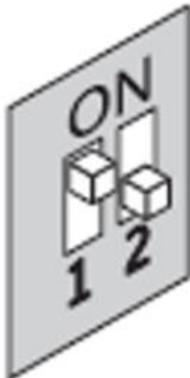
Important

- Do not leave the USB flash drive connected to the Windows PC. If the Windows PC starts up or reboots with the USB flash drive connected, system corruption may occur.
- Attach a label to the USB flash drive with a description of identification, for example, "Fiery Clone Tool." The USB flash drive is now ready and can be used to enable the option.

Backup: Creating Clone Image Files from Fiery controller

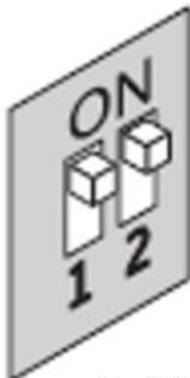
Note

- Before creating the clone image, make sure you have created the two Backup files "*.frf" and "*.DAT" using the Backup / Restore feature on the Fiery controller. (page 5 "Creating Backup Files")
- Print a configuration sheet and confirm the date, time, and time zone are correct.**
If not, adjust the date and time.
 - Shut down the Fiery controller.**
 - Connect the bootable USB flash drive created with the Fiery USB Setup Tool containing the Fiery Clone Tools, to an available USB port on the Fiery controller.**
 - Set the service switches as shown below ("1": ON, "2": OFF).**



d3bna0027

- Power on the Fiery controller.**
- Allow the Fiery controller to boot from the USB flash drive to start Fiery Clone Tool.**
- Wait until the diagnostic LEDs on the back panel of the Fiery controller flash "AA" then "00" repeatedly to indicate ready status.**
- Set the service switches to the following position ("1": ON, "2": ON).**



d3bna0028

- The diagnostic LEDs flash "b0" to indicate that the Fiery controller is ready to be backed up.
- After setting the service switch positions, you have 10 seconds to revert to ready status (service switch back to "1": ON, "2": OFF) before Fiery Clone Tool begins creating an image file.

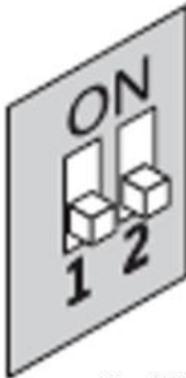
9. Wait for the Fiery Clone Tool to create the image file.

- The diagnostic LEDs circulate "b1, b2, b3" to indicate backup is in progress.
- When the backup process is complete, the diagnostic LEDs flash "bC", then "00" in one second intervals and repeats to indicate completion status.
- With Fiery controller, it will take about 12-20 minutes to complete the backup process. The duration will vary depending on the model and the specification of the USB flash drive models, caused by the transfer speed specification of the USB flash drive. (The USB port of Fiery controller supports only USB 2.0)

Note

- If an error occurs during the backup process, the diagnostic LEDs flash "EE", then the error code in half-second intervals. To troubleshoot the error, see page 15 "".

10. While the diagnostic LEDs are flashing "bC" then "00" repeatedly, return the service switches to the normal position ("1": OFF, "2": OFF).



d3bna0029

11. Remove the USB flash drive from the USB port.

12. Press and release the power switch on the front panel of Fiery controller.

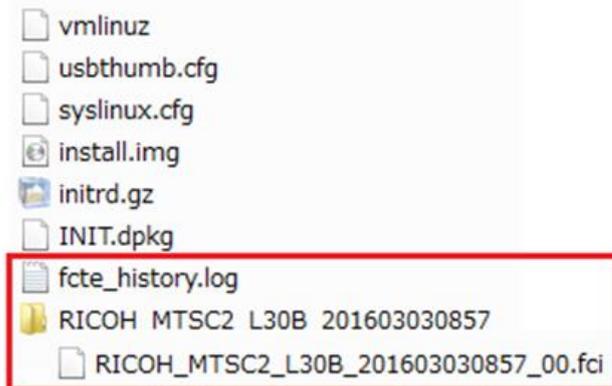
The controller will automatically move to the shutdown procedure.

13. Insert the USB flash drive to a USB port on the Windows PC.

14. In Windows Explorer, open the USB flash drive to check the files.

When a backup is created with the Fiery Clone Tool, a new folder is created on the USB flash drive, containing the created clone image file (*.fci).

Also, history log is saved on the USB flash drive as fcte_history.log.



d3bna0032

Important

- NEVER rename or delete the filename and the extension of the clone image file (*.fci), or restoration will fail.
- The folder and file created are named with a pre-fix "RICOH MTSC2_L30B" followed by the date and time the clone image was created.
- Multiple clone image files of the same product can be saved on the same USB flash drive. Every clone image file will have a different date and time stamp.

15. Rename the folder to enable easy identification of the clone image file, for example, as

shown in below:

CustomerName_ModelName_Version_SerialNumber_Date

e.g: Susie_Fiery_controller_V1_SN00000000111_201603030857

- You can rename the folders, and move the folders anywhere on the USB drive, or on any other storage location. Make sure to keep the *.fci file in the folder.
- Use a descriptive and consistent approach when renaming folder names.

16. Remove the USB flash drive in a safe way from the PC.

Important

- Do not leave the USB flash drive connected to the Windows PC. If the Windows PC starts up or reboots with the USB flash drive connected, system corruption may occur.

Restore: Transferring Clone Image Files to Fiery controller

Note

- If you will be replacing hardware components of the Fiery controller, it is best to complete the replacements before using the Fiery Clone Tool.
- The Fiery Clone Tool cannot restore an image to a smaller capacity replacement HDD.
- If the USB flash drive used for the restoration process is different from the one used to create the backup or has been reformatted or have been deleted or transferred of then files, recreate a bootable USB flash drive installed with the Fiery Clone Tool. Then drag and drop the entire folder containing the clone image file to the USB flash drive.

1. On a Windows PC, verify that the USB flash drive has the correct clone image file.

- Insert the USB flash drive to a USB port on the Windows PC.
- From Windows Explorer, open the USB flash drive and verify the clone image file.

Important

- When restoring the Fiery controller with a USB flash drive that contains multiple clone image files, the Fiery Clone Tool selects the most recently created file. To restore with an older file, make sure to remove the newer file(s) from the USB flash drive in advance.
- If the USB flash drive contains clone image file(s) created on a different Fiery controller unit, the Fiery Clone Tool selects the most recently created file among all files regardless of the unit. The Fiery Clone Tool does not distinguish the units on which the clone images were created. To prevent restoration with the wrong file, make sure the USB flash drive contains clone images created on the same unit.

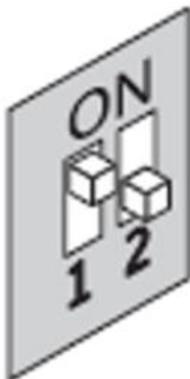
2. Remove the USB flash drive in a safe way from the PC.

Important

- Do not leave the USB flash drive connected to the Windows PC. If the Windows PC starts up or reboots with the USB flash drive connected, system corruption may occur.

3. Insert the USB flash drive to a USB port on the Fiery controller.

4. Set the service switches as show below. ("1": ON, "2": OFF).



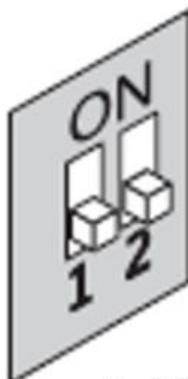
d3bna0027

5. Power on the Fiery controller.

6. Allow the Fiery controller to boot from the USB flash drive to start Fiery Clone Tool.

7. Wait until the diagnostic LEDs on the back panel of the Fiery controller flash "AA" then "00" repeatedly to indicate ready status.

8. Set the service switches as show below ("1": OFF, "2": OFF).



d3bna0029

- The diagnostic LEDs display "C0" to indicate that the Fiery Server is ready to be restored.
 - After setting the service switch positions, you have 10 seconds to revert to ready status (service switch back to "1": ON, "2": OFF) before Fiery Clone Tool begins restoring from the image file.
9. **Wait for the Fiery Clone Tool to format the HDD and restores the image file.**
- The diagnostic LEDs circulate "C1, C2, C3" to indicate the format and restore procedure is in progress.
 - When the restore process is complete, the diagnostic LEDs flashes "CC", then "00" in one second intervals and repeats to indicate completion status.
10. If an error occurs during the restore process, the diagnostic LEDs flashes "EE", then the error code in half-second intervals. To troubleshoot the error, see page 15 "Remove the USB flash drive from the USB port.
11. **Press and release the power switch on the front panel of Fiery controller.**
Fiery controller will automatically move to the shutdown procedure.
12. **Reboot the Fiery controller.**
13. **Restore the backup reference file (*.frf) and backup image data file (*Dat). (page 7 "Restoring Backup files").**

★ Important

- If this step is skipped, some of the settings may not be restored.

LED Error Codes Related To the Fiery Clone Tools

LED error code	Operation type	Description	Suggested action
11	-	Failed to retrieve product information.	<ul style="list-style-type: none"> ▪ It is not a Fiery Controller. ▪ If the Fiery Controller is found, the hardware might not have initialized properly to retrieve the product name.
02	-	Unsupported Fiery Controller	Product information is found, but Fiery Clone Tool does not support this product.
03	-	Incorrect number of disks detected.	Check the Fiery Controller to verify HDD installation. An incorrect disk configuration was detected, which is not supported by Fiery Clone Tools for Embedded Servers.
05	Backup	Insufficient USB flash disk space	Make sure that the USB flash drive has enough space for the cloned image when you back up the Fiery Controller.
08	Backup	File operation error. I/O error when writing to the USB.	<ol style="list-style-type: none"> 1. Run Windows Disk Error Check on the USB flash drive. 2. Prepare the USB flash drive again using the Fiery USB Setup Tool.
09	-	Missing HDD	Check the Fiery Controller to verify HDD installation.
0F	Backup	Failed to write to USB flash drive, or error reading from HDD.	<ol style="list-style-type: none"> 1. Run Windows Disk Error Check on the USB flash drive. 2. Prepare the USB flash drive again using the Fiery USB Setup Tool. 3. Check the HDD if USB flash drive is working properly, then try again.
10	-	Failed to read service switch position	Check if the service switch cable is connected properly to the motherboard.
20	Backup	Encountered an unsupported file system on the Fiery Controller	<p>The Fiery Controller is not properly installed. Reinstall the Fiery Controller.</p> <p> Note</p> <ul style="list-style-type: none"> ▪ If Fiery Clone Tool cannot read the HDD partition, then the backup procedure cannot be performed.
21	Backup and restore	Failed to mount HDD partition	The Fiery Controller is not properly installed. Reinstall the Fiery Controller. If Fiery Clone Tool cannot mount the HDD partition, then the backup procedure cannot be performed.

LED error code	Operation type	Description	Suggested action
30	Backup	Some Fiery files are missing (corrupt installation).	The Fiery Controller might not be running properly. Reinstall the Fiery Controller.
31	Backup	Detected multiple USB drives (only allow one USB flash drive to be inserted).	Remove all USB flash drives that are connected to the Fiery Controller, and insert only the bootable USB flash drive for the backup or restore process.
40	Restore	No valid image(s) to restore	Check the USB flash drive to verify that you have the correct cloned image file for the Fiery Controller.
41	Restore	Cloned image file is for the correct product, but feature set does not match.	Check the USB flash drive to verify that you have the correct cloned image file that match the same feature set for the Fiery Controller.
42	Restore	Cloned image file is for the correct product, but HDD is too small.	Make sure to install the HDD that has the default factory size for storage (meets the minimum HDD space requirement for Fiery Clone Tool), or greater.
43	Restore	Failed to format HDD	Replace the HDD.
44	Restore	The USB flash drive may have a corrupted cloned image file, or your HDD cannot be accessed.	<ol style="list-style-type: none"> 1. Run Windows Disk Error Check on the USB flash drive. 2. Prepare the USB flash drive again using the Fiery USB Setup Tool. 3. Use another computer with an external connection to format the HDD, if Fiery Clone Tool cannot write to the HDD. 4. If the above actions do not work, replace the HDD.
45	-	Failed to install bootloader	<ol style="list-style-type: none"> 1. Use another computer with an external connection to format the HDD, if Fiery Clone Tool cannot write to the HDD. 2. If the above actions do not work, replace the HDD.

 **Note**

- If you must log a support request, please include the History Log, which contains details on the backup or restore performed, such as the image file used, duration, error codes. The History Log helps EFI identify the source of the error and may lead to a quicker problem resolution.
- The History Log is saved on the USB flash drive as fcte_history.log and can be viewed with a text reader, for example, the Wordpad.
-

Model: Color Controller E-23C (MET-C2) System Version: 1.0	Date: Feb. 2, 2018	Rank: C	Revision:
Patch file: <ul style="list-style-type: none">● FIT101654808.ps● uninstall_sp.ps (uninstaller)			

Issue(s) address to this Patch:

- Fiery Patch to address Security vulnerabilities.
 - Apache : 2.2.31
 - PHP : 5.6.27
 - OpenSSL : 1.0.2J
 - Samba : 4.4.6
 - SMB client: 4.1.15

Uninstallation Capability	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Uninstaller Patch File	uninstall_sp.ps

Table of Contents

- Before installing **FIT101654808.ps**
- Patch installation instructions
- About Uninstaller Patch
- Notes for uninstalling **FIT101654808.ps**
- Uninstaller Patch installation instructions

Before installing FIT101654808.ps:

1. Known issues listed below, read before installing **FIT101654808.ps** patch:
 - **None**
2. The following prerequisite(s) must be installed in the order specified before installing **FIT101654808.ps**:
 - **None**
3. Do NOT install any of the following patch(es) after installing the **FIT101654808.ps** patch. If you must install any of the patch(es) below, do so **before** installing the **FIT101654808.ps** patch:
 - **FIT101370301.ps**
4. This patch is exclusive, it must be installed by itself (no other patches should accompany this patch while installing), and the server must be rebooted or restarted once. After that, other patches can be applied to the server.

Note: If you have installed other non-exclusive patches before this patch you must reboot the server to apply those patches first.

5. In the case where the customer needs to install a patch which was previously skipped in the patch order, it is necessary to reinstall the system.

Patch installation instructions:

- 1 Make sure that the Fiery controller has reached Idle.
- 2 Import the patch file **FIT101654808.ps** using Command WorkStation to the **Direct** queue.
- 3 You must wait until the file finishes processing and Command WorkStation or the LCD show Idle. This ensures the patch file is completely processed. User should wait approx 60 seconds for complete installation of patch.
- 4 From Command WorkStation, choose **Server > Reboot Server**,
or
from the Fiery LCD, select **Restart Fiery > Restart System**.
- 5 Wait until the Fiery controller reaches Idle and print the configuration page.
- 6 Verify that the **Update Info** section contains the patch number **FIT101654808**.

About the Uninstaller Patch:

1. The uninstaller patch (**uninstall_sp.ps**) uninstalls the last patch applied to the system.
2. The uninstaller patch can only be used when the patch you intend to uninstall has the uninstallation capability.
3. The uninstaller patch uninstalls one patch at a time. Once the server reaches idle after uninstallation of the patch, the server will return to the state before the patch was first installed.
4. The uninstaller patch is exclusive and must be installed independently. Reboot the server, to install other patches.

Notes for uninstalling the FIT101654808.ps:

1. This **FIT101654808.ps** patch has the uninstaller capability.

To uninstall this patch, make sure to use the uninstaller patch (**uninstall_sp.ps**) that is provided with **FIT101654808.ps** patch.

2. If **FIT101654808.ps** is not the last patch applied to the system, every patch installed after **FIT101654808.ps** must be uninstalled one by one before uninstalling **FIT101654808.ps**.
3. Important notes for uninstalling **FIT101654808.ps** patch with the uninstaller patch:
 - **None**

Uninstaller Patch installation instructions:

1. Make sure that the Fiery controller has reached Idle.
2. Import the patch file **uninstall_sp.ps** using Command WorkStation to the **Direct** queue.
3. You must wait until the file finishes processing and Command WorkStation or the LCD show Idle.
This ensures the patch file is completely processed. User should wait approx 60 seconds for complete installation of patch.
4. From Command WorkStation, choose **Server-> Reboot Server**,
or
from the Fiery LCD, select **Restart Fiery -> Restart System**.
5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. **Verify that the Update Info section does NOT contain the patch number FIT101654808.**

Model: Color Controller E-23C (MET-C2) System Version: 1.0	Date: Feb. 2, 2018	Rank: C	Revision:
Patch file: <ul style="list-style-type: none">● FIT101727460.ps● uninstall_sp.ps (uninstaller)			

Issue(s) address to this Patch: <ul style="list-style-type: none">● A patch to address Secure print window session out issues.<ul style="list-style-type: none">• Scenario 1: Secure print window does not time out within 45 seconds.• Scenario 2: When re-entering Secure print window after exiting with the Home soft button, login password is not requested.
--

Uninstallation Capability	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Uninstaller Patch File	uninstall_sp.ps

Table of Contents

- Before installing **FIT101727460.ps**
- Patch installation instructions
- About Uninstaller Patch
- Notes for uninstalling **FIT101727460.ps**
- Uninstaller Patch installation instructions

Before installing FIT101727460.ps:

1. Known issues listed below, read before installing **FIT101727460.ps** patch:
 - **This patch takes two reboots internally to get installed successfully.**
2. The following prerequisite(s) must be installed in the order specified before installing **FIT101727460.ps**:
 - **None**
3. Do **NOT** install any of the following patch(es) after installing the **FIT101727460.ps** patch. If you must install any of the patch(es) below, do so **before** installing the **FIT101727460.ps** patch:
 - **None**
4. This patch is not exclusive, it can be installed along with other patches concurrently. One server Reboot is sufficient for all patches to take effect on the system. It may require an exclusive install if this patch becomes a prerequisite for a future patch.
5. In the case where the customer needs to install a patch which was previously skipped in the patch order, it is necessary to reinstall the system.

Patch installation instructions:

- 1 Make sure that the Fiery controller has reached Idle.
- 2 Import the patch file **FIT101727460.ps** using Command WorkStation to the **Direct** queue.
- 3 You must wait until the file finishes processing and Command WorkStation or the LCD show Idle. This ensures the patch file is completely processed.
User should wait approx 60 seconds for complete installation of patch.
- 4 From Command WorkStation, choose **Server > Reboot Server**,
or
from the Fiery LCD, select **Restart Fiery > Restart System**.
- 5 Wait until the Fiery controller reaches Idle and print the configuration page.
- 6 Verify that the **Update Info** section contains the patch number **FIT101727460**.

About the Uninstaller Patch:

1. The uninstaller patch (**uninstall_sp.ps**) uninstalls the last patch applied to the system.
2. The uninstaller patch can only be used when the patch you intend to uninstall has the uninstallation capability.
3. The uninstaller patch uninstalls one patch at a time. Once the server reaches idle after uninstallation of the patch, the server will return to the state before the patch was first installed.
4. The uninstaller patch is exclusive and must be installed independently. Reboot the server, to install other patches.

Notes for uninstalling the FIT101727460.ps:

1. This **FIT101727460.ps** patch has the uninstaller capability.

To uninstall this patch, make sure to use the uninstaller patch (**uninstall_sp.ps**) that is provided with **FIT101727460.ps** patch.

2. If **FIT101727460.ps** is not the last patch applied to the system, every patch installed after **FIT101727460.ps** must be uninstalled one by one before uninstalling **FIT101727460.ps**.
3. Important notes for uninstalling **FIT101727460.ps** patch with the uninstaller patch:
 - **None**

Uninstaller Patch installation instructions:

1. Make sure that the Fiery controller has reached Idle.
2. Import the patch file **uninstall_sp.ps** using Command WorkStation to the **Direct** queue.
3. You must wait until the file finishes processing and Command WorkStation or the LCD show Idle.
This ensures the patch file is completely processed. User should wait approx 60 seconds for complete installation of patch.
4. From Command WorkStation, choose **Server-> Reboot Server**,
or
from the Fiery LCD, select **Restart Fiery -> Restart System**.
5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. **Verify that the Update Info section does NOT contain the patch number FIT101727460.**

Model: Color Controller E-23C (MET-C2) System Version: 1.0	Date: Feb. 2, 2018	Rank: C	Revision:
Patch file: <ul style="list-style-type: none">● FIT101755949.ps● uninstall_sp.ps (uninstaller)			

Issue(s) address to this Patch:

- If "%" is included in the file name of the job, Fiery service may be exiting before job is printed and cause disconnection error (SC919).

Uninstallation Capability	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Uninstaller Patch File	uninstall_sp.ps

Table of Contents

- Before installing **FIT101755949.ps**
- Patch installation instructions
- About Uninstaller Patch
- Notes for uninstalling **FIT101755949.ps**
- Uninstaller Patch installation instructions

Before installing FIT101755949.ps:

1. Known issues listed below, read before installing **FIT101755949.ps** patch:
 - **None.**
2. The following prerequisite(s) must be installed in the order specified before installing **FIT101755949.ps**:
 - **None**
3. Do **NOT** install any of the following patch(es) after installing the **FIT101755949.ps** patch. If you must install any of the patch(es) below, do so **before** installing the **FIT101755949.ps** patch:
 - **None**
4. This patch is not exclusive, it can be installed along with other patches concurrently. One server Reboot is sufficient for all patches to take effect on the system. It may require an exclusive install if this patch becomes a prerequisite for a future patch.
5. In the case where the customer needs to install a patch which was previously skipped in the patch order, it is necessary to reinstall the system.

Patch installation instructions:

- 1 Make sure that the Fiery controller has reached Idle.
- 2 Import the patch file **FIT101755949.ps** using Command WorkStation to the **Direct** queue.

- 3 You must wait until the file finishes processing and Command WorkStation or the LCD show Idle. This ensures the patch file is completely processed.
User should wait approx 60 seconds for complete installation of patch.
- 4 From Command WorkStation, choose **Server > Reboot Server**,
or
from the Fiery LCD, select **Restart Fiery > Restart System**.
- 5 Wait until the Fiery controller reaches Idle and print the configuration page.
- 6 Verify that the **Update Info** section contains the patch number **FIT101755949**.

About the Uninstaller Patch:

1. The uninstaller patch (**uninstall_sp.ps**) uninstalls the last patch applied to the system.
2. The uninstaller patch can only be used when the patch you intend to uninstall has the uninstallation capability.
3. The uninstaller patch uninstalls one patch at a time. Once the server reaches idle after uninstallation of the patch, the server will return to the state before the patch was first installed.
4. The uninstaller patch is exclusive and must be installed independently. Reboot the server, to install other patches.

Notes for uninstalling the FIT101755949.ps:

1. This **FIT101755949.ps** patch has the uninstaller capability.

To uninstall this patch, make sure to use the uninstaller patch (**uninstall_sp.ps**) that is provided with **FIT101755949.ps** patch.

2. If **FIT101755949.ps** is not the last patch applied to the system, every patch installed after **FIT101755949.ps** must be uninstalled one by one before uninstalling **FIT101755949.ps**.
3. Important notes for uninstalling **FIT101755949.ps** patch with the uninstaller patch:
 - **None**

Uninstaller Patch installation instructions:

1. Make sure that the Fiery controller has reached Idle.
2. Import the patch file **uninstall_sp.ps** using Command WorkStation to the **Direct** queue.
3. You must wait until the file finishes processing and Command WorkStation or the LCD show Idle.
This ensures the patch file is completely processed. User should wait approx 60 seconds for complete installation of patch.
4. From Command WorkStation, choose **Server-> Reboot Server**,
or
from the Fiery LCD, select **Restart Fiery -> Restart System**.
5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. **Verify that the Update Info section does NOT contain the patch number FIT101755949.**

Model: Color Controller E-23C (MET-C2) System Version: 1.0	Date: March 9, 2018	Rank: C	Revision:
Patch file: <ul style="list-style-type: none">● FIT101688073.ps● uninstall_sp.ps (uninstaller)			

Issue(s) address to this Patch: <ul style="list-style-type: none">● Print quality may degrade when set to 1200dpi.

Uninstallation Capability	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Uninstaller Patch File	uninstall_sp.ps

Table of Contents

- Before installing **FIT101688073.ps**
- Patch installation instructions
- About Uninstaller Patch
- Notes for uninstalling **FIT101688073.ps**
- Uninstaller Patch installation instructions

Before installing FIT101688073.ps:

1. Known issues listed below, read before installing **FIT101688073.ps** patch:
 - **None**
2. The following prerequisite(s) must be installed in the order specified before installing **FIT101688073.ps**:
 - **None**
3. Do **NOT** install any of the following patch(es) after installing the **FIT101688073.ps** patch. If you must install any of the patch(es) below, do so **before** installing the **FIT101688073.ps** patch:
 - **None**
4. This patch is not exclusive, it can be installed along with other patches concurrently. One server Reboot is sufficient for all patches to take effect on the system. It may require an exclusive install if this patch becomes a prerequisite for a future patch.
5. In the case where the customer needs to install a patch which was previously skipped in the patch order, it is necessary to reinstall the system.

Patch installation instructions:

- 1 Make sure that the Fiery controller has reached Idle.

- 2 Import the patch file **FIT101688073.ps** using Command WorkStation to the **Direct** queue.
- 3 You must wait until the file finishes processing and Command WorkStation or the LCD show Idle. This ensures the patch file is completely processed. User should wait approx 60 seconds for complete installation of patch.
- 4 From Command WorkStation, choose **Server > Reboot Server**,
or
from the Fiery LCD, select **Restart Fiery > Restart System**.
- 5 Wait until the Fiery controller reaches Idle and print the configuration page.
- 6 Verify that the **Update Info** section contains the patch number **FIT101688073**.

About the Uninstaller Patch:

1. The uninstaller patch (**uninstall_sp.ps**) uninstalls the last patch applied to the system.
2. The uninstaller patch can only be used when the patch you intend to uninstall has the uninstallation capability.
3. The uninstaller patch uninstalls one patch at a time. Once the server reaches idle after uninstallation of the patch, the server will return to the state before the patch was first installed.
4. The uninstaller patch is exclusive and must be installed independently. Reboot the server, to install other patches.

Notes for uninstalling the FIT101688073.ps:

1. This **FIT101688073.ps** patch has the uninstaller capability.

To uninstall this patch, make sure to use the uninstaller patch (**uninstall_sp.ps**) that is provided with **FIT101688073.ps** patch.

2. If **FIT101688073.ps** is not the last patch applied to the system, every patch installed after **FIT101688073.ps** must be uninstalled one by one before uninstalling **FIT101688073.ps**.
3. Important notes for uninstalling **FIT101688073.ps** patch with the uninstaller patch:
 - **None**

Uninstaller Patch installation instructions:

1. Make sure that the Fiery controller has reached Idle.
2. Import the patch file **uninstall_sp.ps** using Command WorkStation to the **Direct** queue.
3. You must wait until the file finishes processing and Command WorkStation or the LCD show Idle. This ensures the patch file is completely processed. User should wait approx 60 seconds for complete installation of patch.
4. From Command WorkStation, choose **Server-> Reboot Server**,
or
from the Fiery LCD, select **Restart Fiery -> Restart System**.
5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. Verify that the Update Info section **does NOT contain the patch number FIT101688073**.

Model: Color Controller E-23C (MET-C2) System Version: 1.0	Date: March 9, 2018	Rank: C	Revision:
Patch file: <ul style="list-style-type: none">● FIT101764300.ps● uninstall_sp.ps (uninstaller)			

Issue(s) address to this Patch: <ul style="list-style-type: none">● The behavior of the prerequisite checking patch is not correct when the system is missing of a prerequisite.

Uninstallation Capability	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Uninstaller Patch File	uninstall_sp.ps

Table of Contents

- Before installing **FIT101764300.ps**
- Patch installation instructions
- About Uninstaller Patch
- Notes for uninstalling **FIT101764300.ps**
- Uninstaller Patch installation instructions

Before installing FIT101764300.ps:

1. Known issues listed below, read before installing **FIT101764300.ps** patch:
 - **None**
2. The following prerequisite(s) must be installed in the order specified before installing **FIT101764300.ps**:
 - **None**
3. Do **NOT** install any of the following patch(es) after installing the **FIT101764300.ps** patch. If you must install any of the patch(es) below, do so **before** installing the **FIT101764300.ps** patch:
 - **None**
4. This patch is exclusive, it must be installed by itself (no other patches should accompany this patch while installing), and the server must be rebooted or restarted once. After that, other patches can be applied to the server.

Note: If you have installed other non-exclusive patches before this patch you must reboot the server to apply those patches first.
5. In the case where the customer needs to install a patch which was previously skipped in the patch order, it is necessary to reinstall the system.

Patch installation instructions:

- 1 Make sure that the Fiery controller has reached Idle.
- 2 Import the patch file **FIT101764300.ps** using Command WorkStation to the **Direct** queue.
- 3 You must wait until the file finishes processing and Command WorkStation or the LCD show Idle. This ensures the patch file is completely processed. User should wait approx 60 seconds for complete installation of patch.
- 4 From Command WorkStation, choose **Server > Reboot Server**,
or
from the Fiery LCD, select **Restart Fiery > Restart System**.
- 5 Wait until the Fiery controller reaches Idle and print the configuration page.
- 6 Verify that the **Update Info** section contains the patch number **FIT101764300**.

About the Uninstaller Patch:

1. The uninstaller patch (**uninstall_sp.ps**) uninstalls the last patch applied to the system.
2. The uninstaller patch can only be used when the patch you intend to uninstall has the uninstallation capability.
3. The uninstaller patch uninstalls one patch at a time. Once the server reaches idle after uninstallation of the patch, the server will return to the state before the patch was first installed.
4. The uninstaller patch is exclusive and must be installed independently. Reboot the server, to install other patches.

Notes for uninstalling the FIT101764300.ps:

1. This **FIT101764300.ps** patch has the uninstaller capability.

To uninstall this patch, make sure to use the uninstaller patch (**uninstall sp.ps**) that is provided with **FIT101764300.ps** patch.

2. If **FIT101764300.ps** is not the last patch applied to the system, every patch installed after **FIT101764300.ps** must be uninstalled one by one before uninstalling **FIT101764300.ps**.
3. Important notes for uninstalling **FIT101764300.ps** patch with the uninstaller patch:
 - **None**

Uninstaller Patch installation instructions:

1. Make sure that the Fiery controller has reached Idle.
2. Import the patch file **uninstall_sp.ps** using Command WorkStation to the **Direct** queue.
3. You must wait until the file finishes processing and Command WorkStation or the LCD show Idle. This ensures the patch file is completely processed. User should wait approx 60 seconds for complete installation of patch.
4. From Command WorkStation, choose **Server-> Reboot Server**,
or
from the Fiery LCD, select **Restart Fiery -> Restart System**.

5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. Verify that the Update Info section **does NOT contain the patch number FIT101764300**.

Model: Color Controller E-23C (MET-C2) System Version: 1.0	Date: March 29, 2018	Rank: C	Revision:
Patch file: <ul style="list-style-type: none">● FIT101682792.ps● uninstall_sp.ps (uninstaller)			

Issue(s) addressed with this Patch: <ul style="list-style-type: none">● The product names of the following finishers were corrected: Finisher SR3200 (incorrect) --> Finisher SR3130 (correct) Finisher SR3190 (incorrect) --> Finisher SR3180 (correct)

Uninstallation Capability	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Uninstaller Patch File	uninstall_sp.ps

Table of Contents

- Before installing **FIT101682792.ps**
- Patch installation instructions
- About Uninstaller Patch
- Notes for uninstalling **FIT101682792.ps**
- Uninstaller Patch installation instructions

Before installing FIT101682792.ps:

1. Known issues listed below, read before installing **FIT101682792.ps** patch:
 - **None**
2. The following prerequisite(s) must be installed in the order specified before installing **FIT101682792.ps**:
 - **None**
3. Do **NOT** install any of the following patch(es) after installing the **FIT101682792.ps** patch. If you must install any of the patch(es) below, do so **before** installing the **FIT101682792.ps** patch:
 - **None**
4. This patch is not exclusive, it can be installed along with other patches concurrently. One server Reboot is sufficient for all patches to take effect on the system. It may require an exclusive install if this patch becomes a prerequisite for a future patch.
5. In the case where the customer needs to install a patch which was previously skipped in the patch order, it is necessary to reinstall the system.

Patch installation instructions:

- 1 Make sure that the Fiery controller has reached Idle.
- 2 Import the patch file **FIT101682792.ps** using Command WorkStation to the **Direct** queue.
- 3 You must wait until the file finishes processing and Command WorkStation or the LCD show Idle. This ensures the patch file is completely processed. User should wait approx 60 seconds for complete installation of patch.
- 4 From Command WorkStation, choose **Server > Reboot Server**,
or
from the Fiery LCD, select **Restart Fiery > Restart System**.
- 5 Wait until the Fiery controller reaches Idle and print the configuration page.
- 6 Verify that the **Update Info** section contains the patch number **FIT101682792**.

About the Uninstaller Patch:

1. The uninstaller patch (**uninstall_sp.ps**) uninstalls the last patch applied to the system.
2. The uninstaller patch can only be used when the patch you intend to uninstall has the uninstallation capability.
3. The uninstaller patch uninstalls one patch at a time. Once the server reaches idle after uninstallation of the patch, the server will return to the state before the patch was first installed.
4. The uninstaller patch is exclusive and must be installed independently. Reboot the server, to install other patches.

Notes for uninstalling the FIT101682792.ps:

1. This **FIT101682792.ps** patch has the uninstaller capability.

To uninstall this patch, make sure to use the uninstaller patch (**uninstall sp.ps**) that is provided with **FIT101682792.ps** patch.

2. If **FIT101682792.ps** is not the last patch applied to the system, every patch installed after **FIT101682792.ps** must be uninstalled one by one before uninstalling **FIT101682792.ps**.
3. Important notes for uninstalling **FIT101682792.ps** patch with the uninstaller patch:
 - **None**

Uninstaller Patch installation instructions:

1. Make sure that the Fiery controller has reached Idle.
2. Import the patch file **uninstall_sp.ps** using Command WorkStation to the **Direct** queue.
3. You must wait until the file finishes processing and Command WorkStation or the LCD show Idle. This ensures the patch file is completely processed. User should wait approx 60 seconds for complete installation of patch.
4. From Command WorkStation, choose **Server-> Reboot Server**,

or

from the Fiery LCD, select **Restart Fiery -> Restart System**.

5. Wait until the Fiery controller reaches Idle and print the Configuration page.

6. Verify that the Update Info section **does NOT contain the patch number FIT101682792**.

Model: MET-C2 Color Controller E-23C		Date: 18-Apr-20	No.: RD3BN006
Subject: New Feature Information: Fiery Updates		Prepared by: Chisato Tsuji	
From: 1st CP Business Department CP Business Center			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input checked="" type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input type="checkbox"/> Other ()	<input checked="" type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 0.5

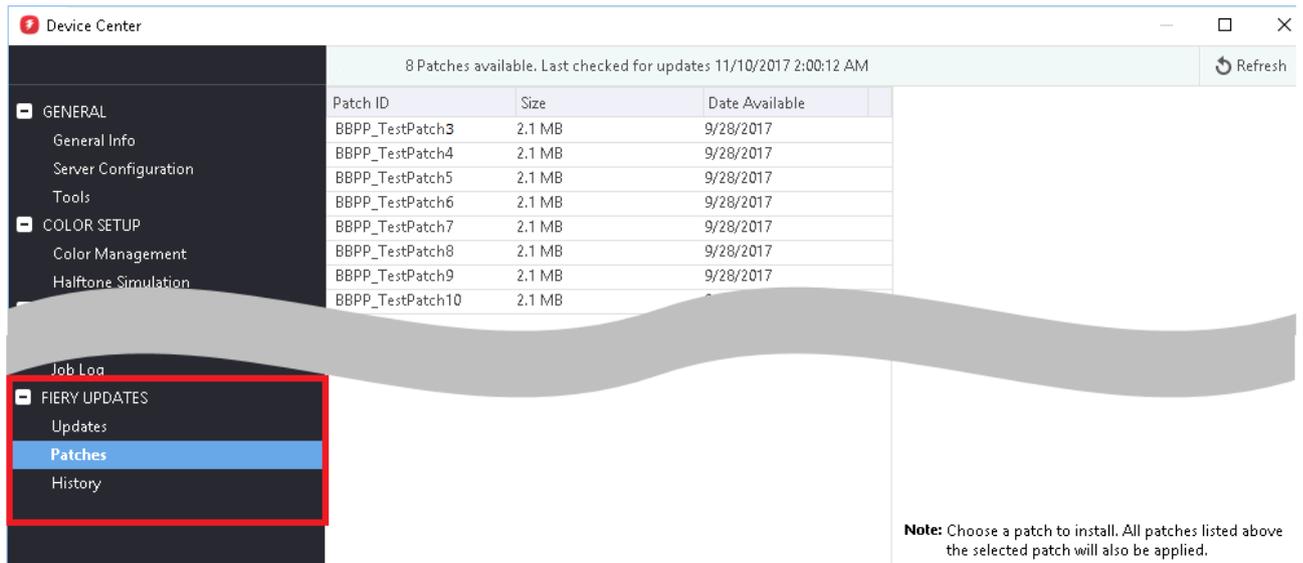
Introduction:

Fiery Updates is a new feature allowing Administrators to install patches on Fiery servers from *Command Workstation 6.x*.

Notifications of updates are displayed in the Job Center and Home screens.

Please introduce your customers of this new feature as this will be beneficial in allowing them to update their Fiery controllers on their own at the desired time (on-demand) and in reducing service visits/cost.

Note: This feature is unnecessary for customers who have the Fiery System Updates set to [Automatically download and install updates.]



Model: MET-C2 Color Controller E-23C	Date: 18-Apr-20	No.: RD3BN006
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Table of contents:

- 1. Schedule
- 2. Target Models
- 3. About Fiery Updates
- 4. Merit of using Fiery Updates
- 5. Notes
- 6. Activating the Fiery Update feature.
- 7. "Update" Menu
- 8. "Patches" Menu
- 9. "History" Menu
- 10. Updates Available badges

1. Schedule

Fiery Updates will become available from May 7th, 2018 (PDST)

For upcoming models, the feature will be available from launch.

2. Target Models

FS100 or later models enabled of the System Updates feature

On the above indicated date, EFI enables the following models to have access to the Fiery updates feature through the Update server on the internet.

The feature will be available with Command WorkStation 6.x

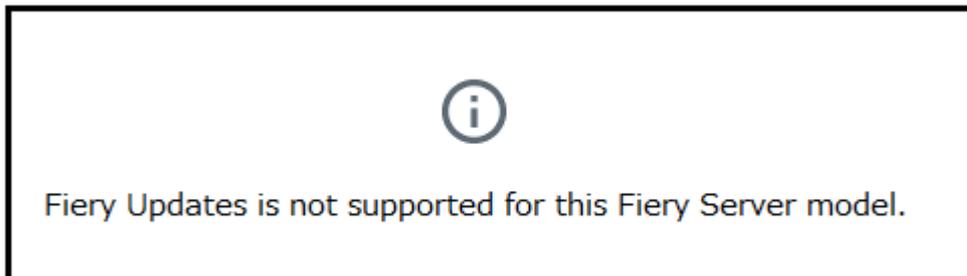
Windows model

- Color Controller E-42/82 (Aries-VerUp)
- Color Controller E-43/83 (Andromeda-P1)
- Color Controller E-43A/83A (Leo-C1/P1)
- Color Controller E-45A/85A (Leo-C2/P2)
- Color Controller E-42B (CH-C1)
- Color Controller E-44B (CH-C2)
- Printer Controller EB-32 (BR-C1/P1)
- Printer Controller EB-34 (BR--C2/P2)

Linux model

- Color Controller E-23C (MET-C2)
- Color Controller E-24B (CH-C2)

For models that are not supported of the Fiery Updates feature, the following message will appear when attempted to open the Fiery Updates menu via Command WorkStation.



Model: MET-C2 Color Controller E-23C	Date: 18-Apr-20	No.: RD3BN006
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3. About "Fiery Updates"

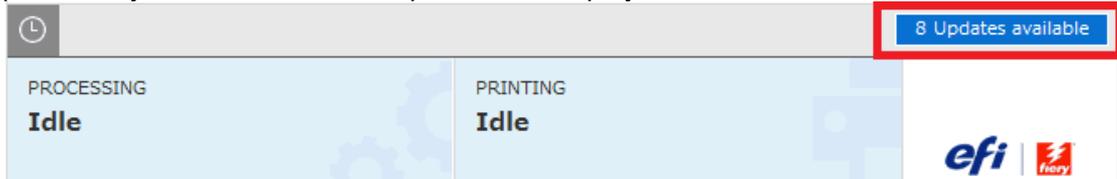
Command WorkStation Ver. 6.x includes the Fiery Updates feature for installing Fiery system software and Fiery API updates and patches. This allows system software updates to be installed from either the Fiery controller or remote (client) computers.

Fiery API: Fiery API is an Application Programming Interface, used by many newer Fiery features to communicate with the Fiery (instead of harmony). It is already used by Fiery Go, Fiery Ticker, new black Fiery bar, and other features like Fiery updates.

Patches: Patches downloaded with Fiery Updates is no different to those downloaded with the conventional System Updates feature.

4. Merit of using the Fiery Updates

- Once this feature is enabled, while Command WorkStation is launched, updates are searched periodically and notifications of updates are displayed in the Job Center and Home screens.



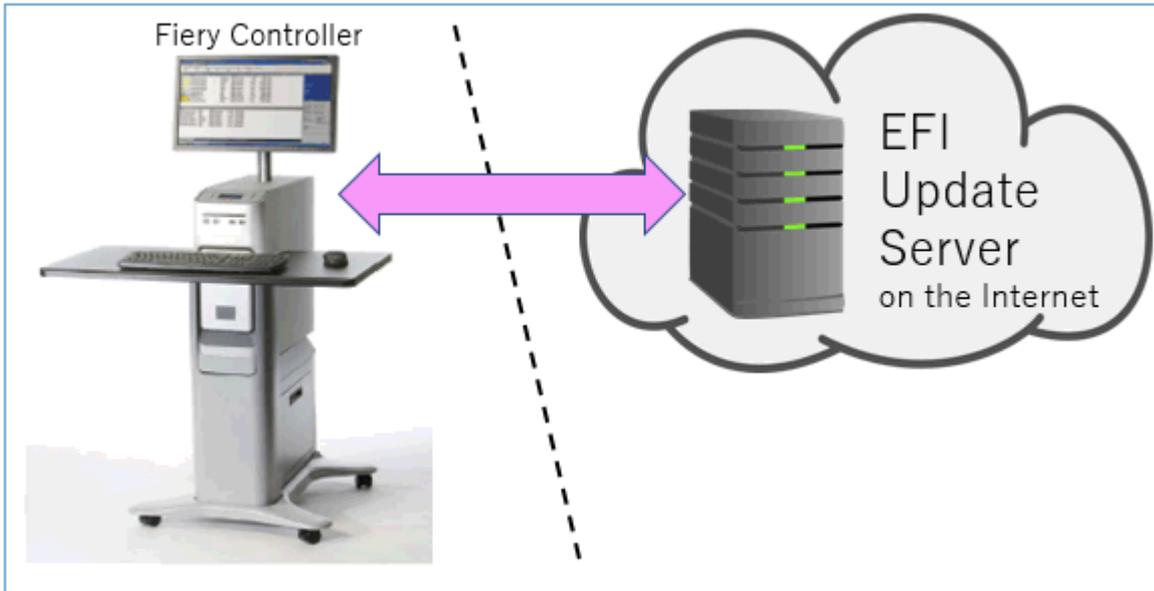
- User Friendly Interface for operation (via Command WorkStation with Administrator privileges)
- Updates and patch installation is possible from Client PC with internet connection.
- (In this case, the Fiery controller does not have to be connected to the internet.)
- Identically to System Updates, only patches that are not applied to the system appear on the list.
- Identically to System Updates, selecting a patch from the list will automatically select its pre-requisite, if any.

Model: MET-C2 Color Controller E-23C	Date: 18-Apr-20	No.: RD3BN006
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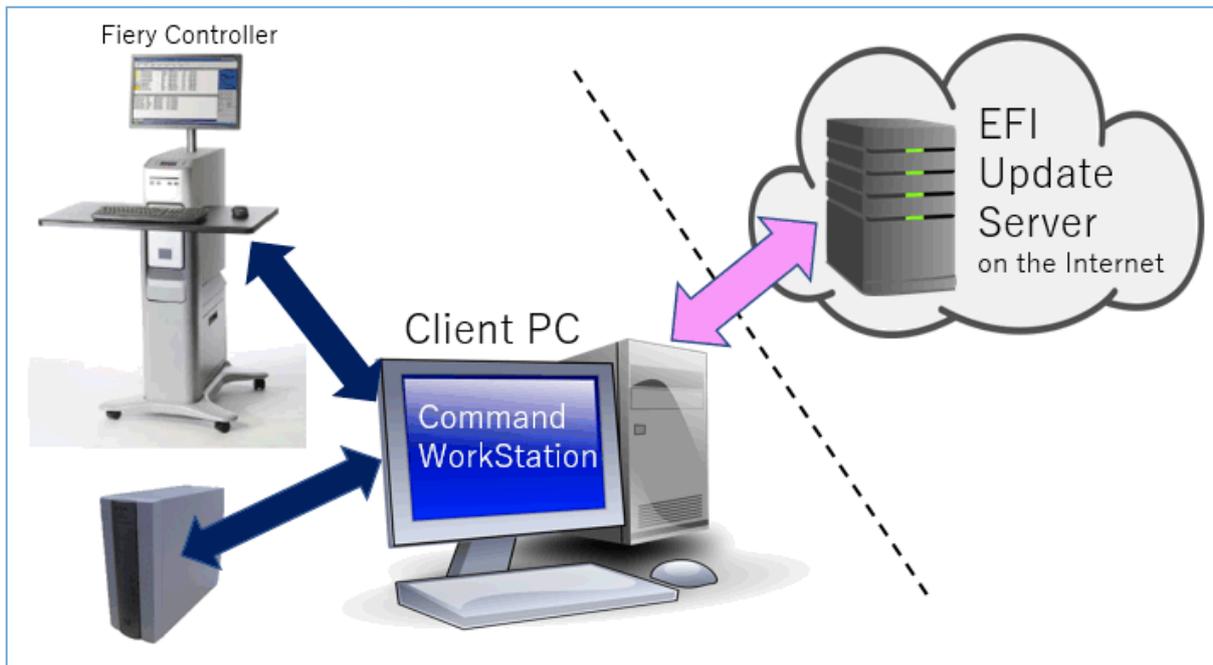
5. Notes

- To use this feature, System Updates must be disabled.
- The computer running Command WorkStation must:
 - Be connected to the Internet
 - Be able to communicate with Fiery controller via LAN.

[Command WorkStation on Fiery controller (Windows model only)] --- (Internet) -- [EFI Update Server]



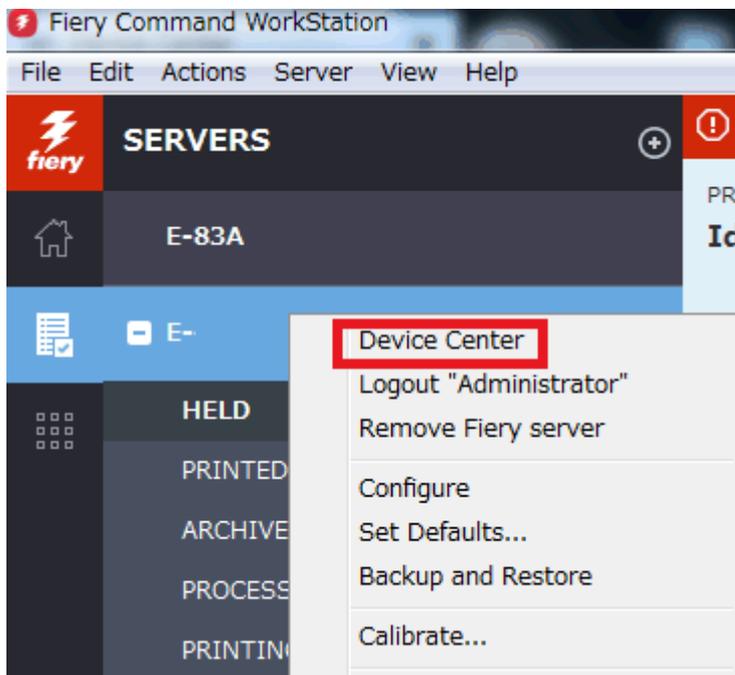
[Fiery controller (Windows or Linux model)] --(local LAN)-- [Command WorkStation on Client PC] --- (Internet) -- [EFI Update Server]



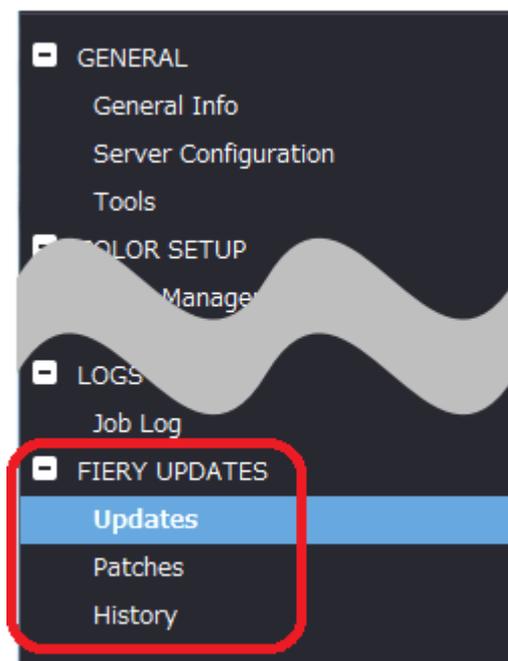
Model: MET-C2 Color Controller E-23C	Date: 18-Apr-20	No.: RD3BN006
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6. Activating the Fiery Update feature

1. Right-click the Fiery controller name in the controllers column list and click **Device Center**.

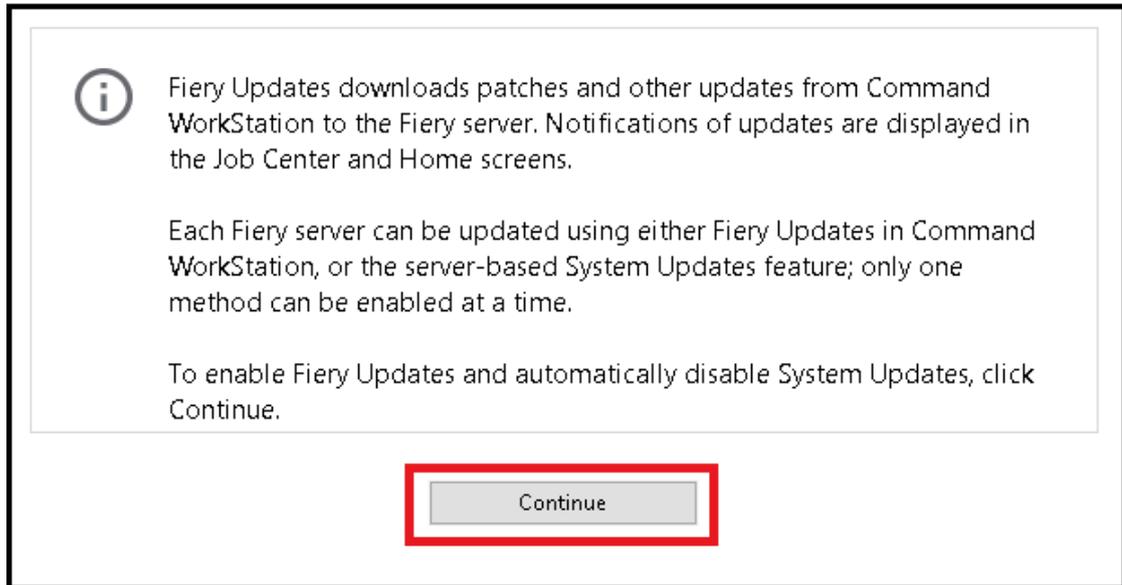


2. Select **Updates** or **Patches** under Fiery Updates



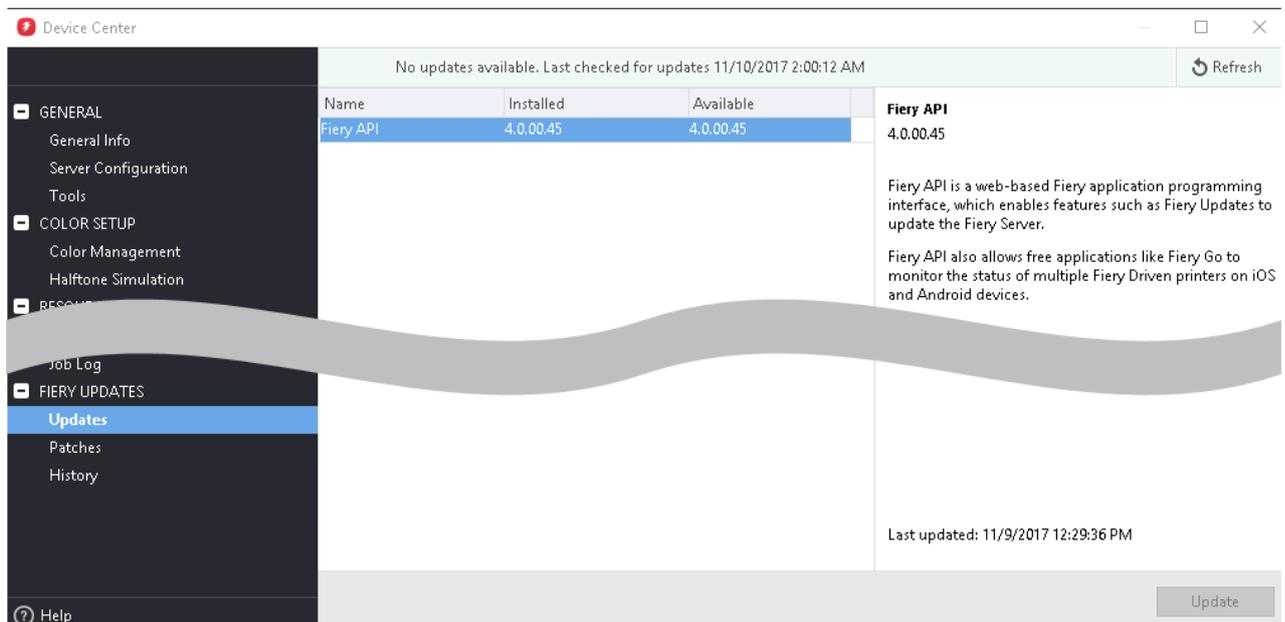
Model: MET-C2 Color Controller E-23C	Date: 18-Apr-20	No.: RD3BN006
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3. On the message screen below, click Continue. This will automatically disable System Updates.



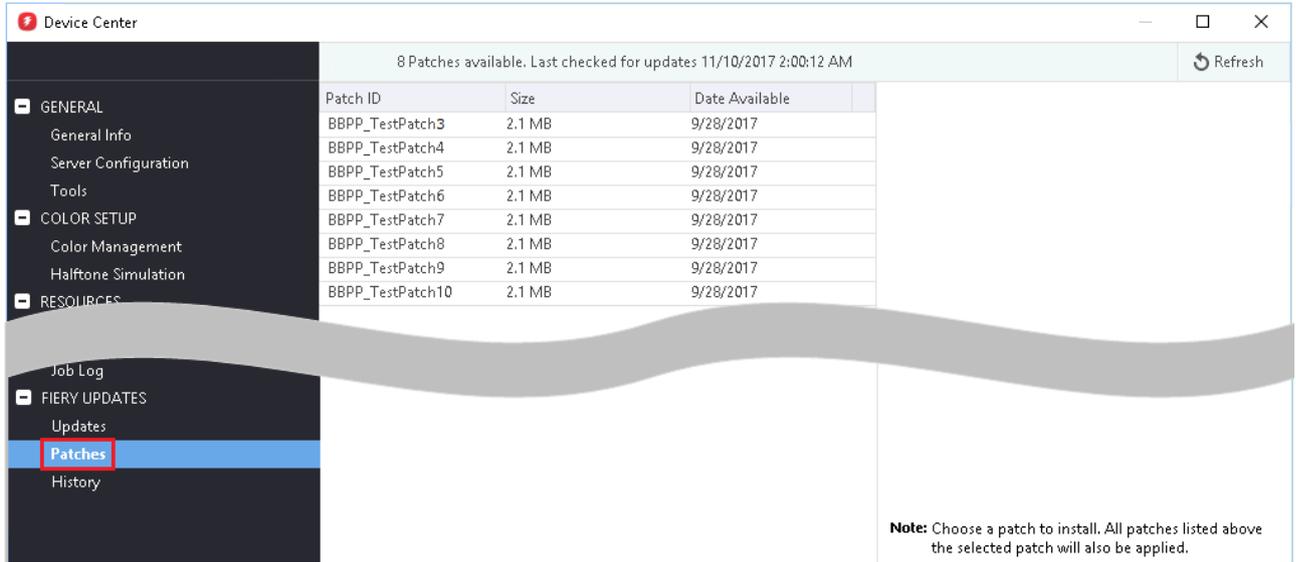
7. "Update" Menu

To view and install the available updates, click Updates under Fiery Updates, then click Update in the right pane for each update you choose to install.

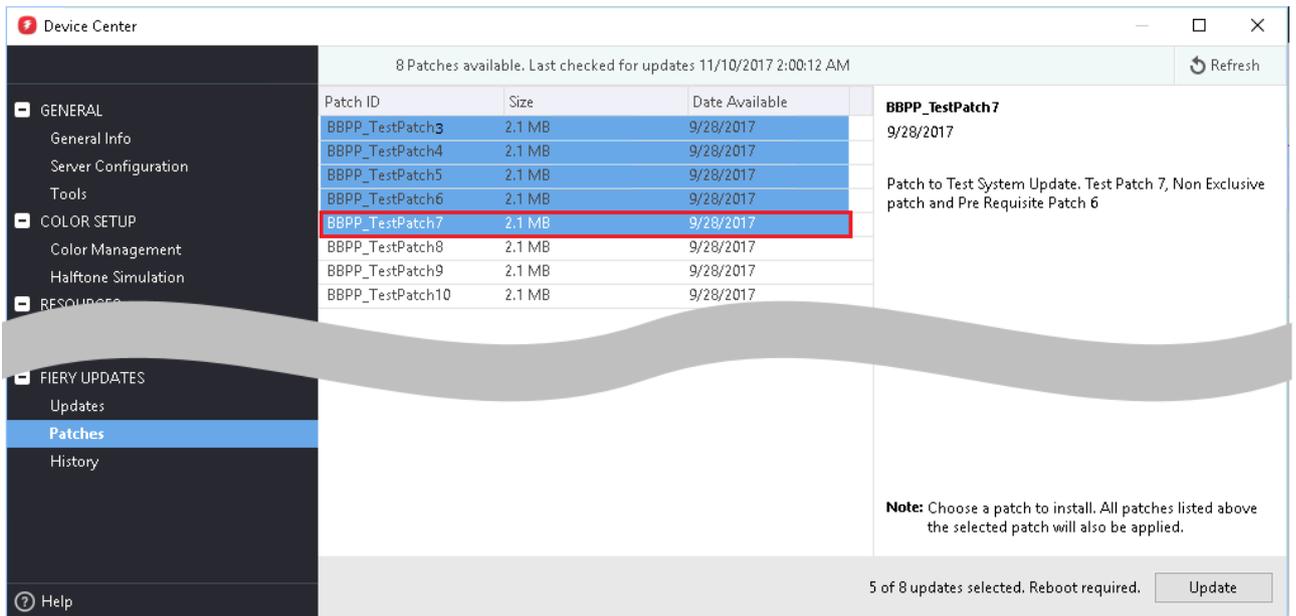


8. "Patches" Menu

1. To view the available patches, click Patches under Fiery Updates.

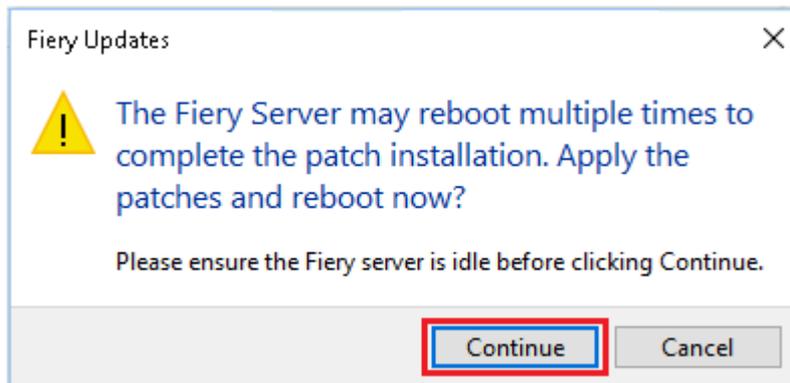


2. When you select a patch the pre-requisite patches are also automatically selected, if any. For example, selecting Patch #7 will automatically select its pre-requisite Patches #3-6. Click Update.



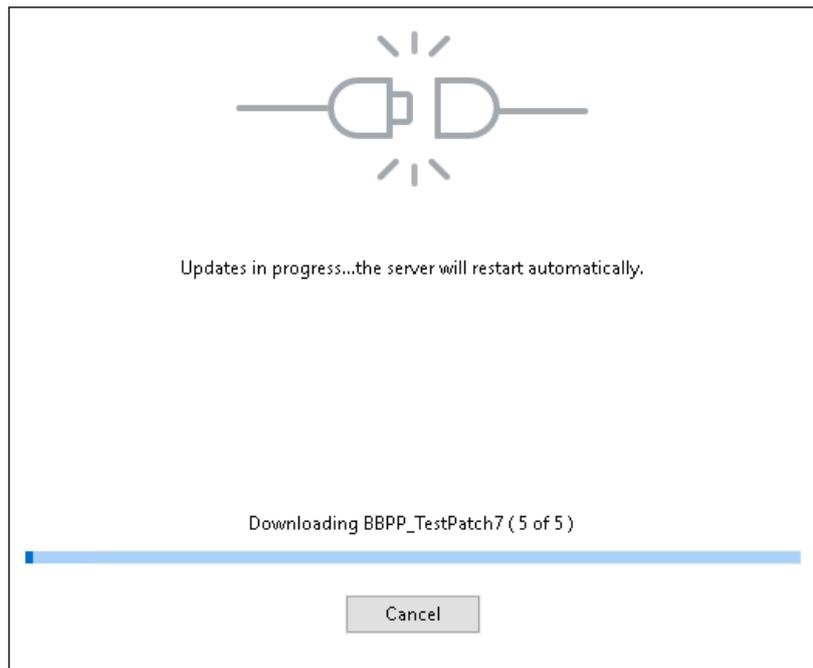
Model: MET-C2 Color Controller E-23C	Date: 18-Apr-20	No.: RD3BN006
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3. Click Continue in the confirmation message screen below.



Various stages of the update process and a progress bar appear in the Disconnect screen as follows:

- Initializing
- Downloading Updates
- Transferring
- Installing



Model: MET-C2 Color Controller E-23C	Date: 18-Apr-20	No.: RD3BN006
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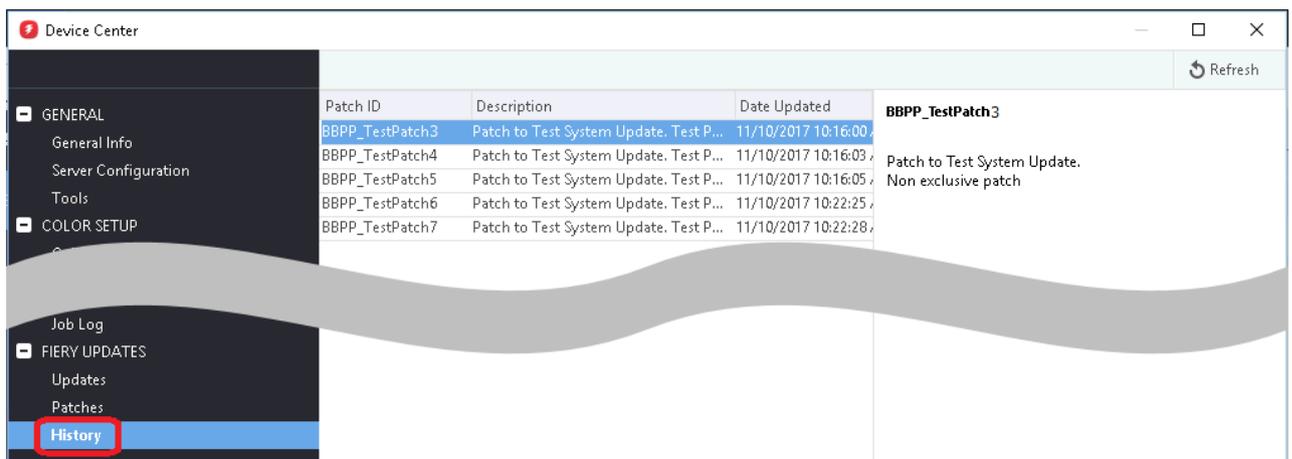
The Fiery controller will reboot as necessary between exclusive patches.
(If five patches are being installed, then up to five reboots may occur).



Note: After the Fiery controller reboots, Command WorkStation will not automatically reconnect. The Administrator must click Connect in order to reconnect to the Fiery controller.

9. "History" Menu

After the system reboots automatically for a number of times necessary according to the updates installed, reconnect to your Fiery controller via Command WorkStation and confirm the update history in the History menu.

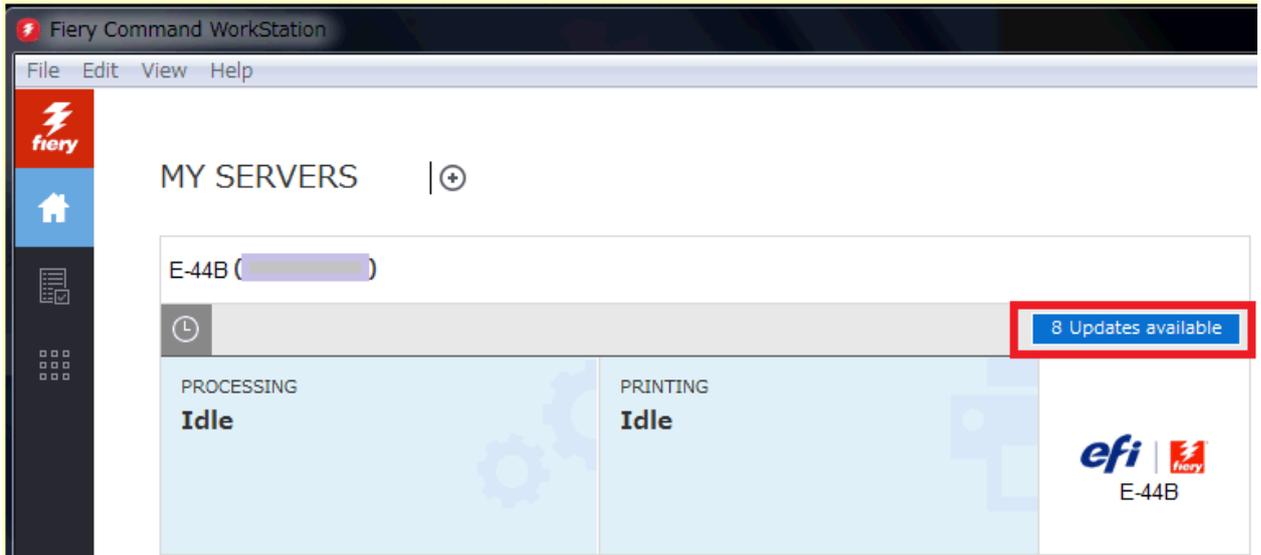


Model: MET-C2 Color Controller E-23C	Date: 18-Apr-20	No.: RD3BN006
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10. Updates Available badges

When Fiery Updates is enabled for the Fiery server model and patches are available, the badges will display in the Job Center and the Home Screen. These badges include the number of patches available in the patch tab. The count does not include any Fiery API updates in the Updates tab.

The user can click on this “Updates available” badge to be taken directly to the Device Center > Fiery Updates > Patches tab.



Model: Color Controller E-23C (MET-C2) System Version: 1.0	Date: August. 6, 2019	Rank: C	Revision:
Patch file: <ul style="list-style-type: none">● FIT101815773.ps (Security Patch 002)			

Issue(s) address to this Patch: <ul style="list-style-type: none">● Patch to update the following components of the Fiery to the versions listed:<ul style="list-style-type: none">• Apatch:2.2.34• OpenSSL : 1.0.2n• PHP : 5.6.33• SAMBA : 4.7.3• SMBCLIENT : 4.1.5

Uninstallation Capability	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Uninstaller Patch File	uninstall_linux_v1.ps

Table of Contents

- Before installing **FIT101815773.ps**
- Patch installation instructions
- About Uninstaller Patch
- Notes for uninstalling **FIT101815773.ps**
- Uninstaller Patch installation instructions

Before installing FIT101815773.ps:

1. Known issues listed below, read before installing **FIT101815773.ps** patch:
 - **None.**
2. The following prerequisite(s) must be installed in the order specified before installing **FIT101815773.ps**:
 - **FIT101654808.ps**
3. Do **NOT** install any of the following patch(es) after installing the **FIT101815773.ps** patch. If you must install any of the patch(es) below, do so **before** installing the **FIT101815773.ps** patch:
 - **None.**
4. This patch is exclusive, it must be installed by itself (no other patches should accompany this patch while installing), and the server must be rebooted or restarted once. After that, other patches can be applied to the server.

Note: If you have installed other non-exclusive patches before this patch you must reboot the server to apply those patches first.

5. In the case where the customer needs to install a patch which was previously skipped in the patch order, it is necessary to reinstall the system.

Patch installation instructions:

- 1 Make sure that the Fiery controller has reached Idle.
- 2 Import the patch file **FIT101815773.ps** using Command WorkStation to the **Direct** queue.
- 3 You must wait until the file finishes processing and Command WorkStation or the LCD show Idle. This ensures the patch file is completely processed. User should wait approx 60 seconds for complete installation of patch.
- 4 From Command WorkStation, choose **Server > Reboot Server**,
or
from the Fiery LCD, select **Restart Fiery > Restart System**.
- 5 Wait until the Fiery controller reaches Idle and print the configuration page.
- 6 Verify that the **Update Info** section contains the patch number **FIT101815773**.

About the Uninstaller Patch:

1. The uninstaller patch (**uninstall_linux_v1.ps**) uninstalls the last patch applied to the system.
2. The uninstaller patch can only be used when the patch you intend to uninstall has the uninstallation capability.
3. The uninstaller patch uninstalls one patch at a time. Once the server reaches idle after uninstallation of the patch, the server will return to the state before the patch was first installed.
4. The uninstaller patch is exclusive and must be installed independently. Reboot the server, to install other patches.

Notes for uninstalling the FIT101815773.ps:

1. This **FIT101815773.ps** patch has the uninstaller capability.

To uninstall this patch, make sure to use the uninstaller patch (**uninstall_linux_v1.ps**) that is provided with **FIT101815773.ps** patch.

2. If **FIT101815773.ps** is not the last patch applied to the system, every patch installed after **FIT101815773.ps** must be uninstalled one by one before uninstalling **FIT101815773.ps**.
3. Important notes for uninstalling **FIT101815773.ps** patch with the uninstaller patch:
 - **None**

Uninstaller Patch installation instructions:

1. Make sure that the Fiery controller has reached Idle.
2. Import the patch file **uninstall_linux_v1.ps** using Command WorkStation to the **Direct** queue.
3. You must wait until the file finishes processing and Command WorkStation or the LCD show Idle.
This ensures the patch file is completely processed. User should wait approx 60 seconds for complete installation of patch.
4. From Command WorkStation, choose **Server-> Reboot Server**,
or
from the Fiery LCD, select **Restart Fiery -> Restart System**.
5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. **Verify that the Update Info section does NOT contain the patch number FIT101815773.**