

Model: CH-C2 Pro Color Controller E-44B		Date: 22-Dec-16	No.: RD3CE001
Subject: Important notes on installing the Color Controller E-44B		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 checked="" type="checkbox"/> Tier 2

This Technical Bulletin contains important notes on installation of the Color Controller E-44B for Model CH-C2 Pro.

<p><b>Table of Contents:</b></p> <ol style="list-style-type: none"> <li>1. SP Settings for the E-44B Controller</li> <li>2. Enabling the Power Synchronization</li> <li>3. Recommended Settings at Installation (System Updates / Automatic Backup)             <ol style="list-style-type: none"> <li>3-1. About System Updates</li> <li>3-2. About Scheduled Automatic System Backup</li> </ol> </li> </ol>
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**1. SP settings for the E-44B Controller**

As described in the service manual, change the following four SP values in Model Ch-C2 Pro when installing the E-44B.

**SP#: 5193-001**

Value: **1** (Default: 0)

The valid external controller will be specified as “Fiery controller”.

**SP#: 5895-001**

Value: **1** (Default: 0)

This setting disables the pre-installed GW printer features.

GW printer features must be disabled to use the E-44B.

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**2. Enabling the Power Synchronization**

E-44B supports the power synchronization feature.

For a stable connection between the Copier and E-44B, it is highly recommended to enable the Power Synchronization feature at installation.

The following is the standard start-up sequence of the EFI controller:

- Step 1: Power ON the Copier.
- Step 2: Power ON the E-44B.

With the Power Synchronization feature enabled, the above order is maintained automatically. If the Copier is rebooted (OFF →ON), the EFI controller will also reboot.

**Notes:**

- A USB power LINK cable is included as an accessory to the E-44B.
- The Power Synchronization switch on the E-44B is Disabled by default.

**Important:**

- When enabling this feature, inform the customer of the following remarks/limitations:
  - If the main power turns OFF by the Weekly Timer set on the copier, the Power Synchronization will activate and the E-44B will shut down.
  - Scheduled features such as System Updates, Automatic Backup, and Auto Export Job Logs will not activate, if the E-44B is shut down by the Power Synchronization feature.
  - The following are not possible when Power Synchronization is enabled:
    - ✧ Shutting down only the E-44B with the copier power turned ON
    - ✧ Powering ON only the E-44B with the copier power turned OFF
  - If the Power Synchronization feature is enabled, power of the E-44B must be controlled on the copier.
  - Since power is supplied from the copier to the E-44B when the copier power is turned ON, shutting down the E-44B from the Fiery menu in this condition will cause the E-44B to reboot.

For details about power synchronization, refer to the service manual.

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**3. Recommended Settings for System Updates/Automatic Backup**

At the end of the E-44B installation, it is highly recommended to set up **System Updates** and **Automatic Backup** as a set.

This ensures a recent back up is available in case software update causes any problems.

- Make sure to obtain agreement from your customer in advance, as the E-44B must not be rebooted or powered off while these functions operate.
- System Updates and Automatic Backup will be activated at the scheduled time, only when the Fiery service is running.

Note: If the customer is setting the Weekly Timer, the main power should be programmed not to be off at the scheduled time of system updates and automatic backup.

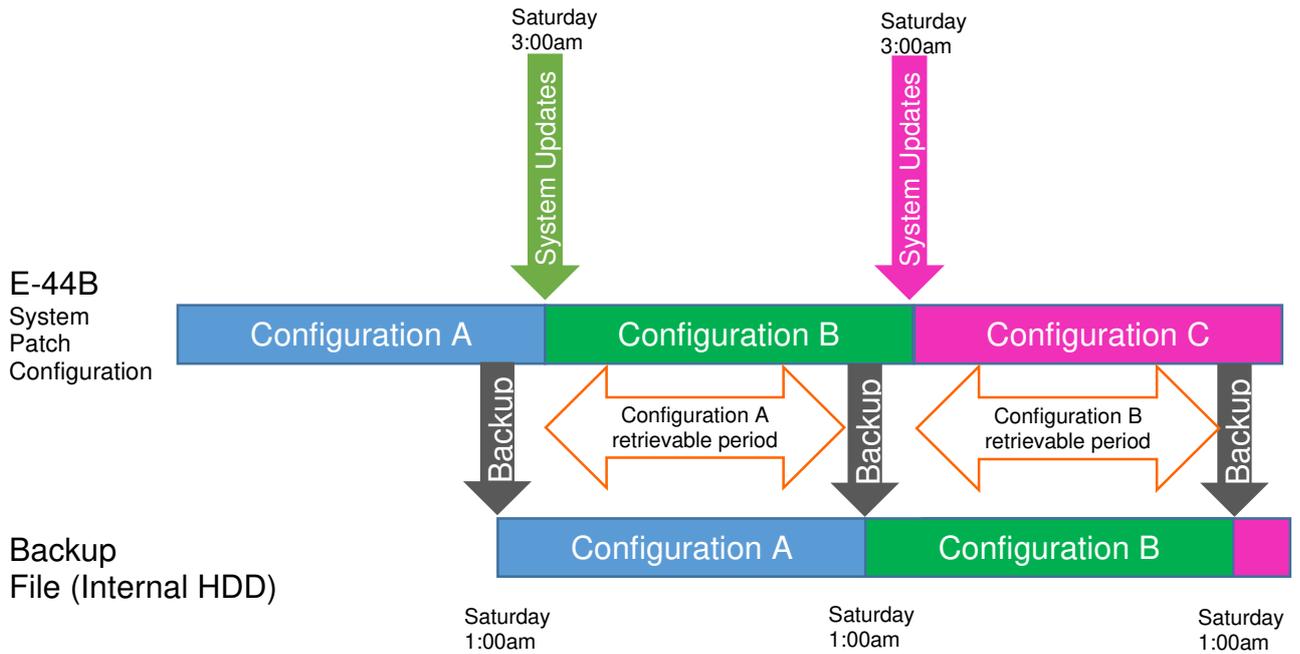
Feature Name	System Updates	Automatic Backup
Explanation of the feature	See page 5 “ <b>3.1 About Scheduled Full Automatic System Updates</b> ” in this document.  <div style="border: 1px solid #ccc; padding: 5px;"> <p>Fiery System Updates Obtains Fiery controller system software patches.</p> <p><input checked="" type="radio"/> <b>Automatically download and install updates</b></p> <p><input type="radio"/> Download updates and send notification</p> <p><input type="radio"/> Send notification when updates are available</p> </div>	See page 6 “ <b>3.2 About Scheduled Automatic Backup</b> ” in this document.
Recommended Setting	Enabled - Once a Week, date and time when the E-44B is not in use. “Automatically download and install updates”	Enabled - Once a Week, date and time when the E-42B is not in use.
<b>Important</b>	If the customer is using a proxy server for connecting to the internet, do not forget to setup the proxy server in the Configure menu.	<ul style="list-style-type: none"> <li>● If system updates are enabled and scheduled, make sure to schedule the system backups <b><u>at least two hours before the system updates</u></b></li> <li>● For the items that will be backed up, please refer to the service manual.</li> </ul>

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Example:

- Automatic Backup: Every Saturday 1:00 am
- System Updates: Every Saturday 3:00 am

If the latest patch configuration causes a problem with the customer’s workflow, there is approximately one week to restore the previous patch configuration using the backup file on the E-44B HDD. (The restoration can be done from the WebTools menu.)



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**2-1. About Scheduled Full Automatic System Updates**

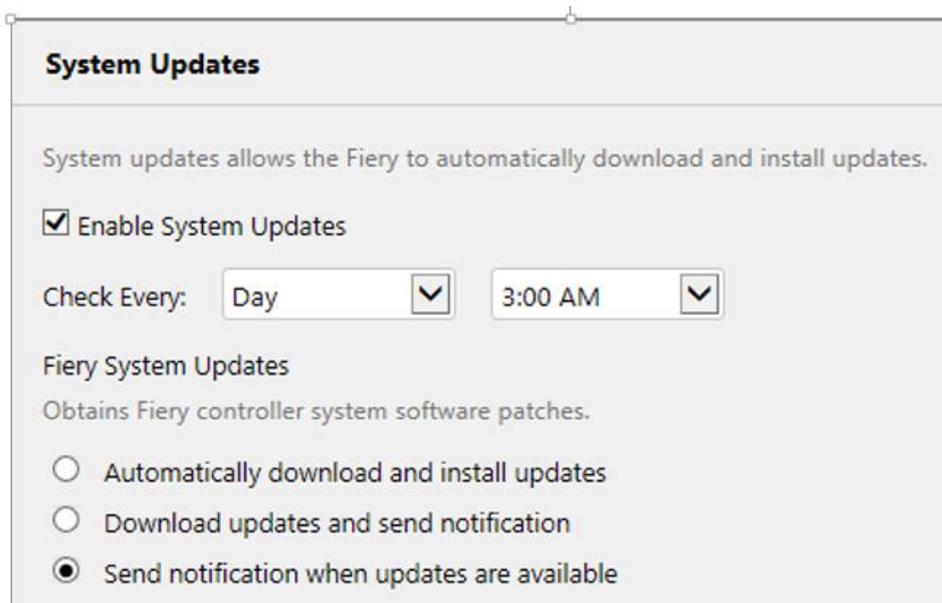
System Updates is a new feature for Linux-based Fiery controllers.

Patches are downloaded and applied to the controller automatically at the scheduled date and time when the controller is connected to the internet.

Webtools > Configure > System Updates

Command WorkStation > Configure > System Updates

Default setting:



	<b>Default Settings</b>	<b>Recommended Settings</b>
Enable System Updates	Enabled	Enabled (*1)
Schedule	Every 3:00 AM	Weekly (For example, every Saturday 3:00 am) At least 2 hours after the automatic backup schedule.
Method Applied	“Send notificaiton when updates are available”	“Automatically download and install updates”

- \*1: Make sure to configure the proxy settings if the customer’s internet access environment is configured with a Proxy server.

[Configure HTTP Proxy Settings to allow access to System Updates via the internet.](#)

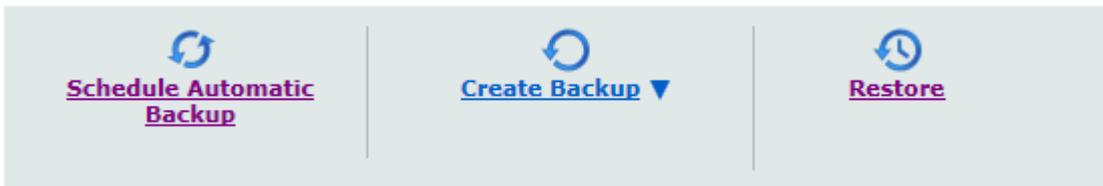
- For the following reasons, it is recommended to schedule the updates when the controller will not be in use, for example, at midnight and during weekends.

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- ✧ During the installation process, the controller will be automatically rebooted one or more time(s).
- ✧ Printing/scanning is not possible during System Updates.
- ✧ There are no notifications of start and completion of System Updates.
- ✧ If the controller is rebooted manually by a user during System Updates, the system software will corrupt.

**2-2. About Scheduled Automatic System Backup**

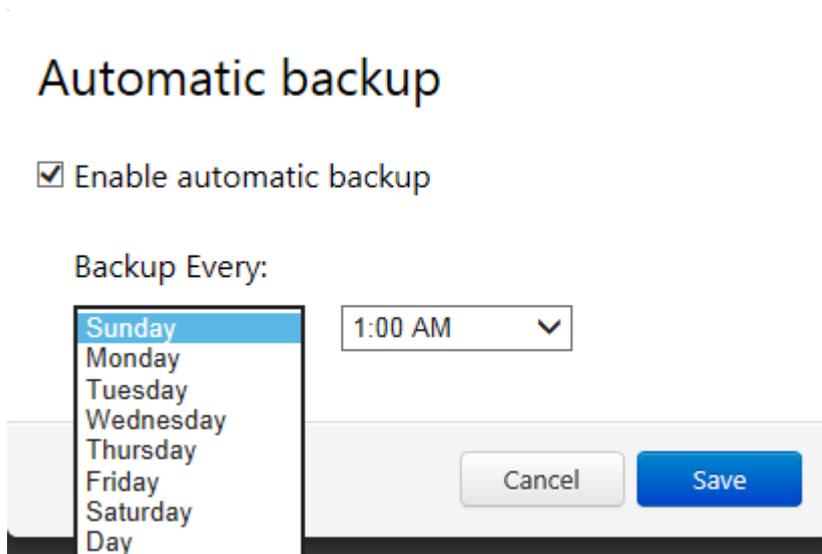
A new backup and restore feature called **Fiery System Restore (FRS)** can be used to backup the entire system, patches and settings on the Fiery hard disk, and later restore when necessary.



The menu can be accessed via WebTools, and backups of the E-44B can be created on the internal hard drive or an external USB storage device.

Among some options for the FRS, the Fiery administrator can enable automatic backups and specify a schedule for when the backup operation takes place (every day or every week).

**Default setting:** Disabled



When this option is enabled and scheduled, the controller stores only the latest auto backup on the internal hard drive.(\*1)

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This feature can be useful for reducing downtime during the system recovery just in case the hard drive has no problem but the system settings and patches must be returned, etc.

**Note :**

The new backup file created by the automatic backup feature will overwrite the old backup file on the E-44B internal HDD.

To keep a system backup file for a while, create the backup file to an external USB hard drive manually. (For details, refer to the service manual)

<b>Model:</b> Color Controller E-44B (CH-C2 Pro) <b>System Version:</b> 1.0	<b>Date:</b> Nov. 17, 2017	<b>Revision:</b>
<b>Patch file:</b> <ul style="list-style-type: none"><li>● FIT101654790.exe (Security patch 001)</li><li>● uninstall_sp.exe (uninstaller)</li></ul>		

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

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- Issues addressed with this release
- Before installing FIT101654790.exe
- Patch installation instructions
- About the uninstaller (uninstall\_sp.exe)
- Notes for uninstalling FIT101654790.exe
- Uninstaller patch installation instruction

## Issues addressed with this release

Patch ID	Description
FIT101654790	<b>Patch to update the following components of the Fiery to the versions listed:</b> <ul style="list-style-type: none"><li>● PHP: 5.6.27</li><li>● Apache: 2.2.31</li><li>● OpenSSL: 1.0.2j</li></ul>

## Before installing FIT101654790.exe

1. Known issues listed below, read before installing **FIT101654790.exe** patch:
  - None.
2. The following prerequisite(s) must be installed in the order specified before applying the **FIT101654790.exe** patch:
  - None.
3. Do **NOT** install any of the following patch(es) after installing the **FIT101654790.exe** patch. If you must install any of the patch(es) below, do so before installing the **FIT101654790.exe** 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 printer controller reaches Idle.
2. Execute **FIT101654790.exe** and follow the instructions in the Fiery Patch Downloader.
3. Notes about the Fiery Patch Downloader
  - a. Logon must be admin. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password.
  - c. Hostname can be the IP address or the Fiery server name.
4. After the patch is downloaded, and when prompted by the Fiery Patch Downloader, choose Reboot.
5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. If the controller does not eventually reach Idle, please manually start the Fiery service.
7. Verify that the System Updates Log section contains the patch number **FIT101654790**.

## 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 FIT101654790.exe

This **FIT101654790.exe** patch has the uninstaller capability.

To uninstall this patch, make sure to use the uninstaller patch (**uninstall\_sp.exe**) that is provided with **FIT101654790.exe** patch.

1. If **FIT101654790.exe** is not the last patch applied to the system, every patch installed after **FIT101654790.exe** must be uninstalled one by one before uninstalling **FIT101654790.exe**.
2. Important notes for uninstalling **FIT101654790.exe** patch with the uninstaller patch:
  - None

## Uninstaller Patch installation instructions

1. Make sure that the Fiery printer controller reaches Idle.
2. Execute **uninstall\_sp.exe** and follow the instructions in the Fiery Patch Downloader.
3. Notes about the Fiery Patch Downloader
  - a. Logon must be admin. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password.
  - c. Hostname can be the IP address or the Fiery server name.

4. After the patch is downloaded, and when prompted by the Fiery Patch Downloader, choose Reboot. (If you choose to Restart later, make sure you manually reboot the server for the changes to take effect)
5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. Verify that the System Updates Log section does NOT contain **the patch number FIT101654790**.

<b>Model:</b> Color Controller E-44B (CH-C2 Pro) <b>System Version:</b> 1.0	<b>Date:</b> Nov. 17, 2017	<b>Revision:</b>
<b>Patch file:</b> <ul style="list-style-type: none"><li>● Color_Controller_E-44B_SP1.exe (Service Pack 01)</li><li>● uninstall_sp.exe (uninstaller)</li></ul>		

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- About the uninstaller (uninstall\_sp.exe)
- Notes for uninstalling Service Pack 01
- Uninstaller patch installation instruction

## Issues addressed with this release

**Service Pack 01** contains the following fixes:

Patch ID	Description
–	● A patch to change terminology from Sheet size to Paper size.
–	● Output is not good when a particular PDF file is printed with specific Tray alignment settings.
–	● Auto Tray Selection can falsely be specified in Configure. ● (This setting is supposed to be specified from Operation Panel > Apply Auto Paper Select.)
–	● SC 899-00 may occur when reboot the E-24B after restore backup file which contains paper catalog entries information.
–	● “ Black point compensation” does not show in Color Input of Device Center.(Command WorkStation)
–	● Paper mismatch error occurs when A4 SEF printing specifies paper tray for slip sheet.
–	● The engine does not recognize the paper size.

## Patch configuration

System Software Version 1.0  
+ **Service Pack 01**

### Before installing **Color\_Controller\_E-44B\_SP1.exe**

1. Known issues listed below, read before installing **Color\_Controller\_E-44B\_SP1.exe** patch:
  - None.
2. The following prerequisite(s) must be installed in the order specified before applying the **Color\_Controller\_E-44B\_SP1.exe** patch:
  - None
3. Do **NOT** install any of the following patch(es) after installing the **Color\_Controller\_E-44B\_SP1.exe** patch. If you must install any of the patch(es) below, do so before installing the **Color\_Controller\_E-44B\_SP1.exe** 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 printer controller reaches Idle.
2. Execute **Color\_Controller\_E-44B\_SP1.exe** and follow the instructions in the Fiery Patch Downloader.
3. Notes about the Fiery Patch Downloader
  - a. Logon must be admin. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password.
  - c. Hostname can be the IP address or the Fiery server name.
4. After the patch is downloaded, and when prompted by the Fiery Patch Downloader, choose Reboot.
5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. If the controller does not eventually reach Idle, please manually start the Fiery service.
7. Verify that the **System Updates Log** section lists the patch number **SP1\_FIT101716374**.

## About Service Pack 01

The service pack installer package is distributed as an EXE file, and is named **Color\_Controller\_E-44B\_SP1.exe**. When the service pack is installed on the controller, you can observe the below mentioned changes to confirm the service pack patch effectiveness:

- Latest version of the service pack will be listed in WebTools, Engine LCD panel, General tab of Command WorkStation & Fiery Configuration Page.

The service pack features are as follows.

- Uninstaller:
  - Uninstaller reverts back the changes made by the service pack. Uninstaller works by uninstalling the last installed service pack on the Fiery server.
  - The uninstaller would check the backup binaries and replace them. After the reboot the server would be back in the pre service pack state.
  - Uninstaller can be run multiple times to uninstall multiple service pack patches, one patch at a time.
- Prerequisite checking:
  - Service packs will run pre-requisite checks upon patch installation to ensure all dependent service packs/patches are installed.
  - Service pack installation will only succeed if pre-requisite patches are installed on server, otherwise the installation will fail.
- Versioning:
  - Service pack has versioning system where incremental version of each service pack would list on server
    - On LCD for example SP1, SP2, SP3 etc.
    - On Configuration page → System Update log section → SP1\_FIT100000, SP2\_FIT20000

The Version information will appear as follows after installing Service Pack 01.

Version	: 1.0_SP1
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## 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 **Color\_Controller\_E-44B\_SP1.exe**

1. This **Color\_Controller\_E-44B\_SP1.exe** patch has the uninstaller capability.

To uninstall this patch, make sure to use the uninstaller patch (**uninstall\_sp.exe**) that is provided with **Color\_Controller\_E-44B\_SP1.exe** patch.

2. If **Color\_Controller\_E-44B\_SP1.exe** is not the last patch applied to the system, every patch installed after **Color\_Controller\_E-44B\_SP1.exe** must be uninstalled one by one before uninstalling **Color\_Controller\_E-44B\_SP1.exe**.
3. Important notes for uninstalling **Color\_Controller\_E-44B\_SP1.exe** patch with the uninstaller patch:
  - None

## Uninstaller Patch installation instructions

1. Make sure that the Fiery printer controller reaches Idle.
2. Execute **uninstall\_sp.exe** and follow the instructions in the Fiery Patch Downloader.
3. Notes about the Fiery Patch Downloader
  - a. Logon must be admin. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password.
  - c. Hostname can be the IP address or the Fiery server name.
4. After the patch is downloaded, and when prompted by the Fiery Patch Downloader, choose Reboot. (If you choose to Restart later, make sure you manually reboot the server for the changes to take effect)
5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. Verify that the System Updates Log section lists the patch number **SP3\_FIT101646666**.

Model: <b>CH-C2 Pro Color Controller E-44B</b>		Date: 20-Apr-18	No.: RD3CE002
Subject: New Feature Information: <b>Fiery Updates</b>		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

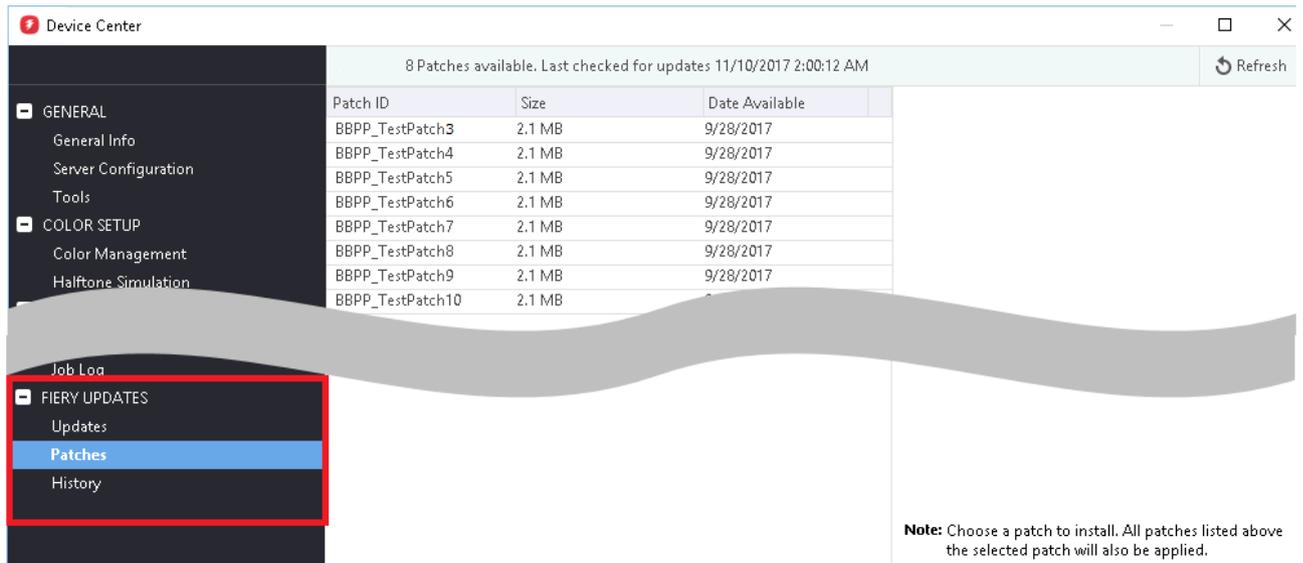
**Introduction:**

**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.]



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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.



Fiery Updates is not supported for this Fiery Server model.

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**3. About "Fiery Updates"**

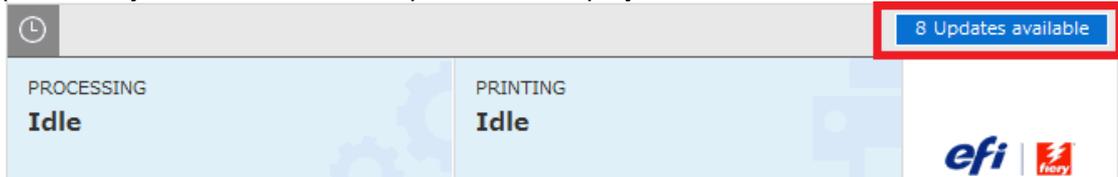
Command WorkStation Ver. 6.x includes the Fiery Updates feature for installing Fiery system software and Fiery API updates and patches. This allows system software updates to be installed from either the Fiery controller or remote (client) computers.

**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.



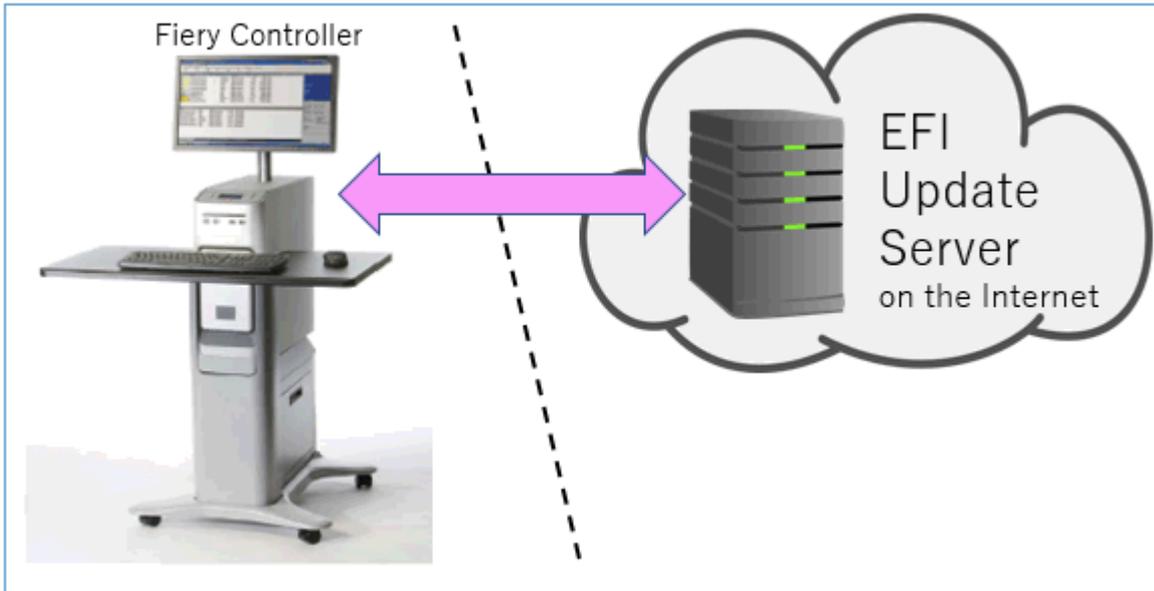
- User Friendly Interface for operation (via Command WorkStation with Administrator privileges)
- Updates and patch installation is possible from Client PC with internet connection.
- (In this case, the Fiery controller does not have to be connected to the internet.)
- Identically to System Updates, 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.

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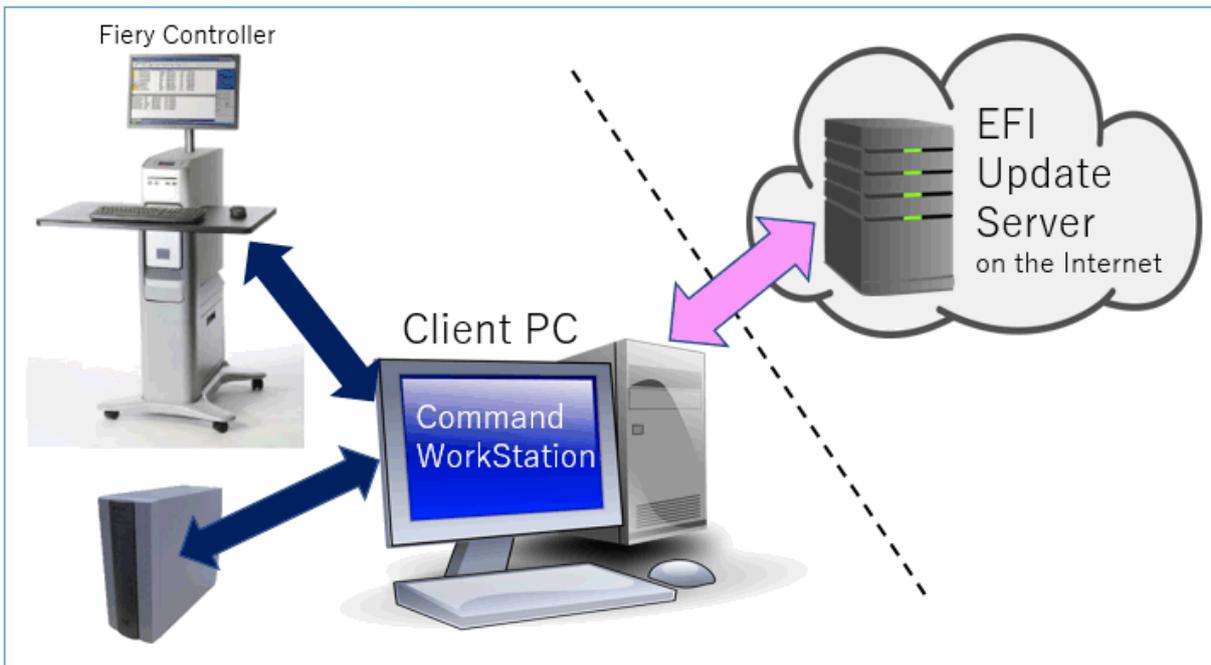
**5. Notes**

- 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]



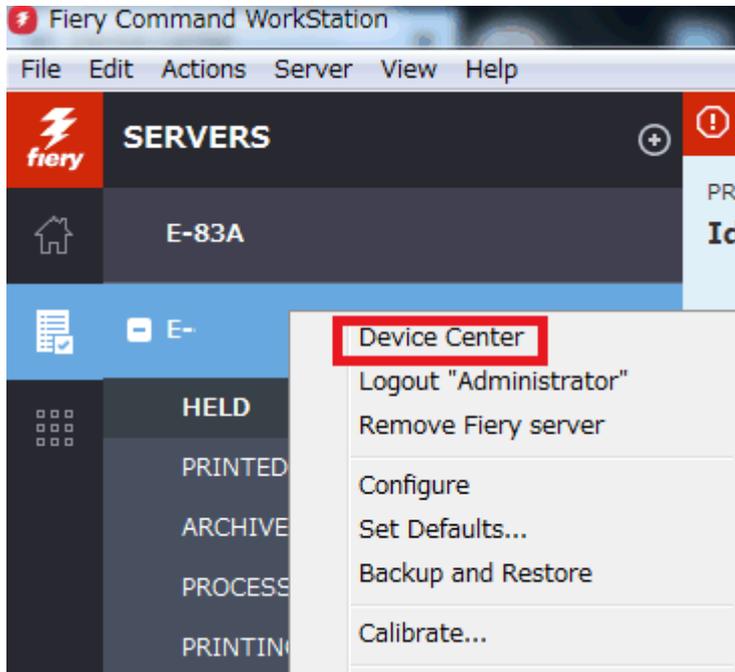
[Fiery controller (Windows or Linux model)] --(local LAN)-- [Command WorkStation on Client PC] --- (Internet) -- [EFI Update Server]



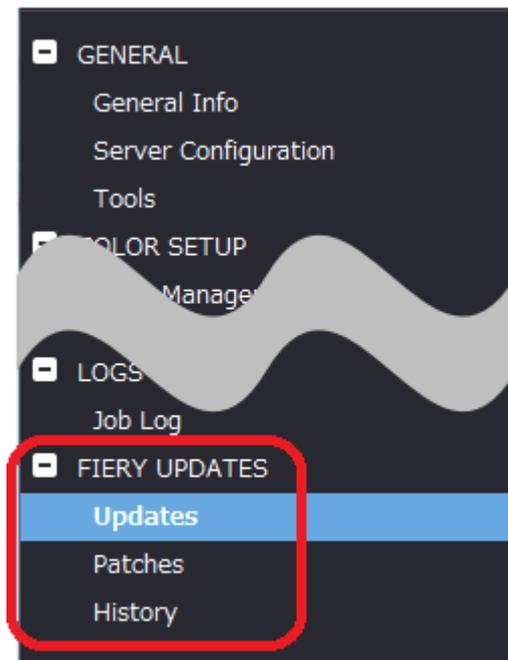
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**6. Activating the Fiery Update feature**

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

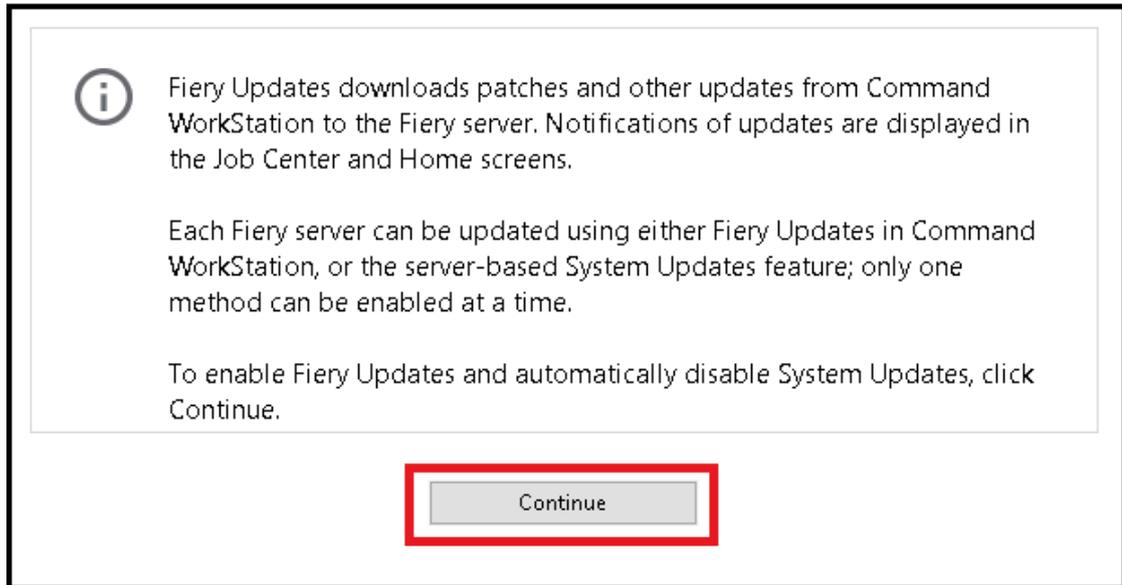


2. Select **Updates** or **Patches** under Fiery Updates



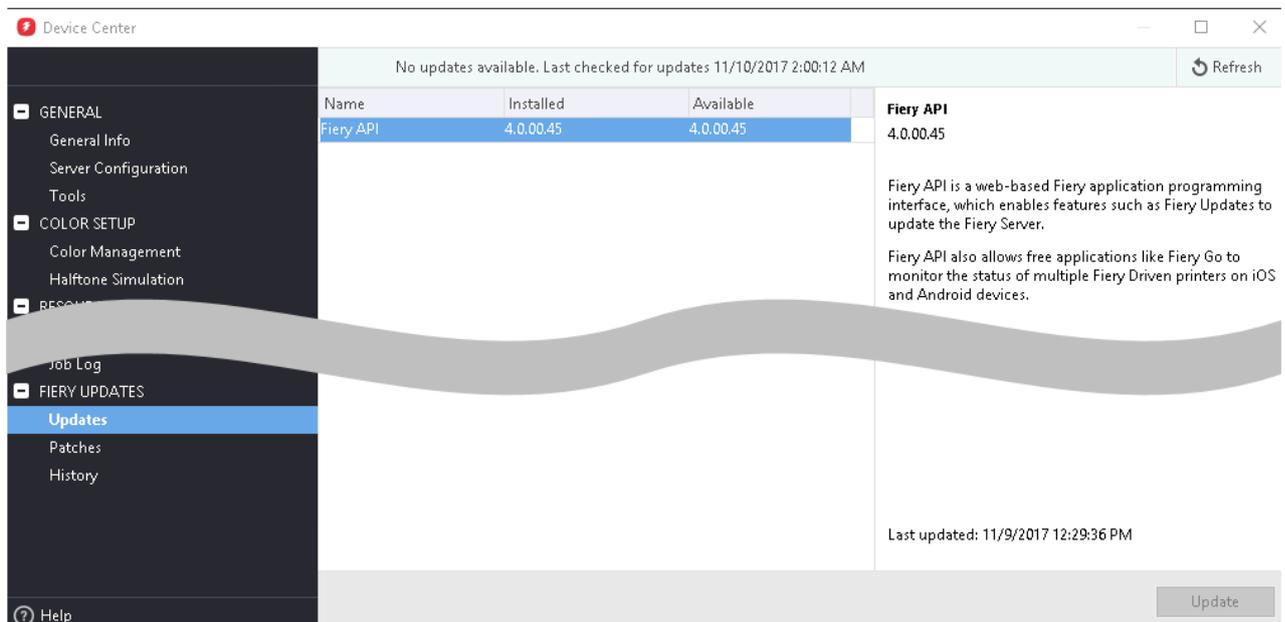
Model: <b>CH-C2 Pro Color Controller E-44B</b>	Date: 20-Apr-18	No.: RD3CE002
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3. On the message screen below, click Continue. This will automatically disable System Updates.



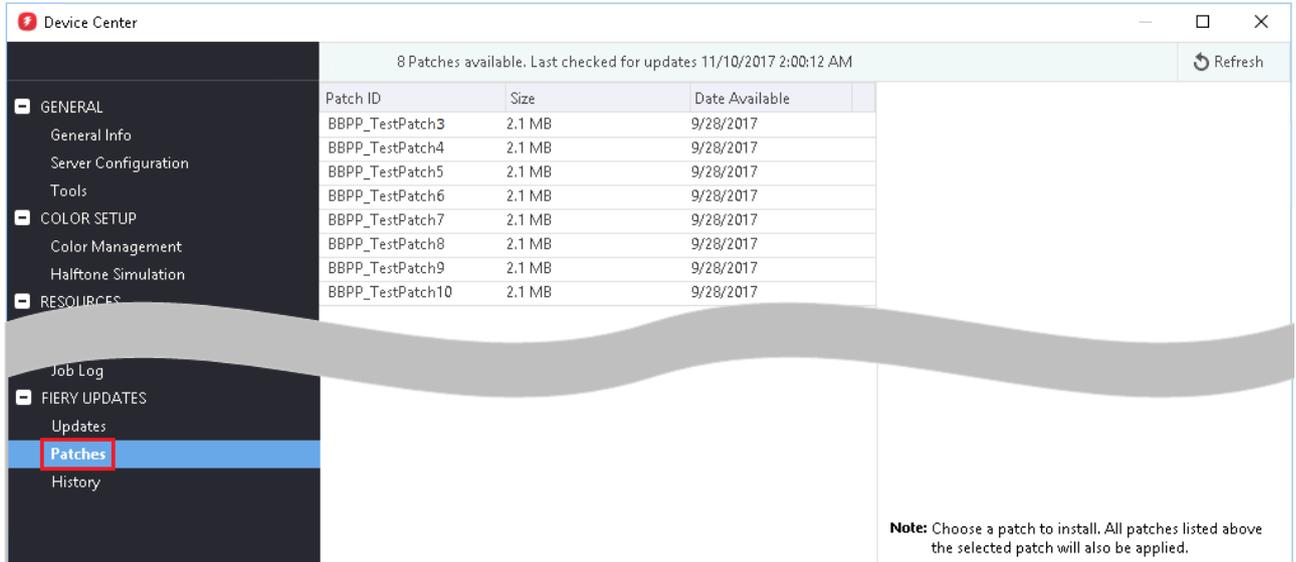
## 7. "Update" Menu

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.

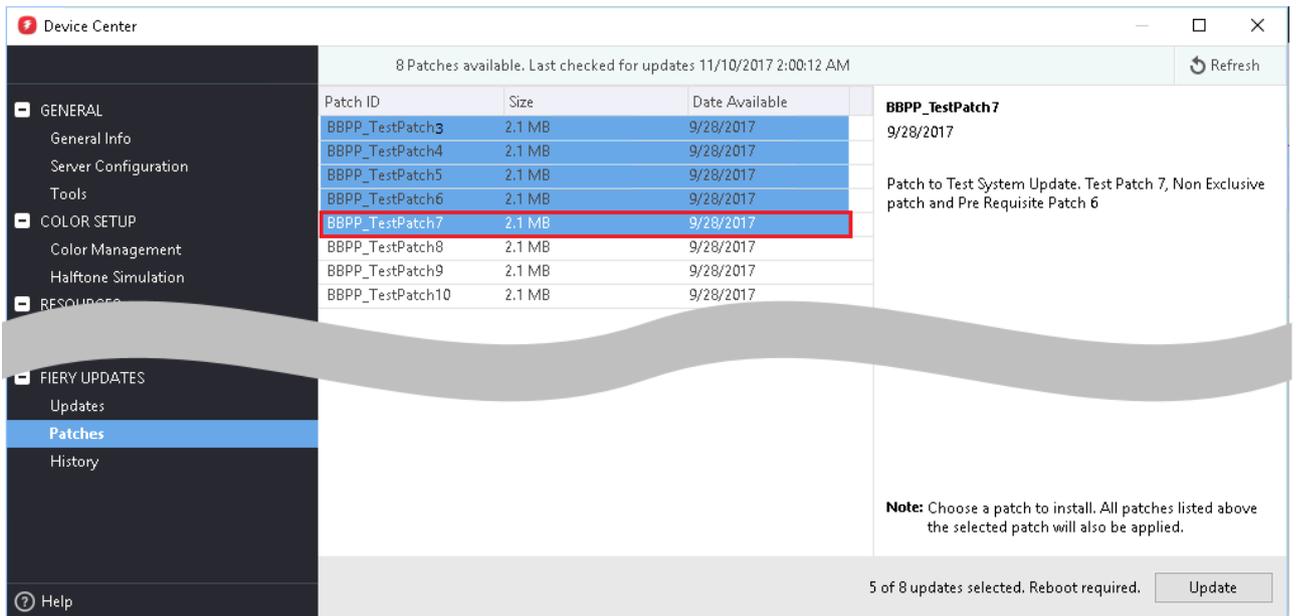


### 8. "Patches" Menu

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

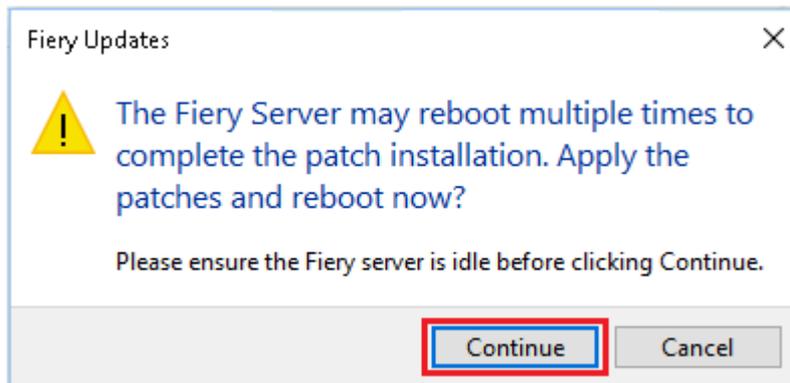


2. When you select a patch the pre-requisite patches are also automatically selected, if any. For example, selecting Patch #7 will automatically select its pre-requisite Patches #3-6. Click Update.



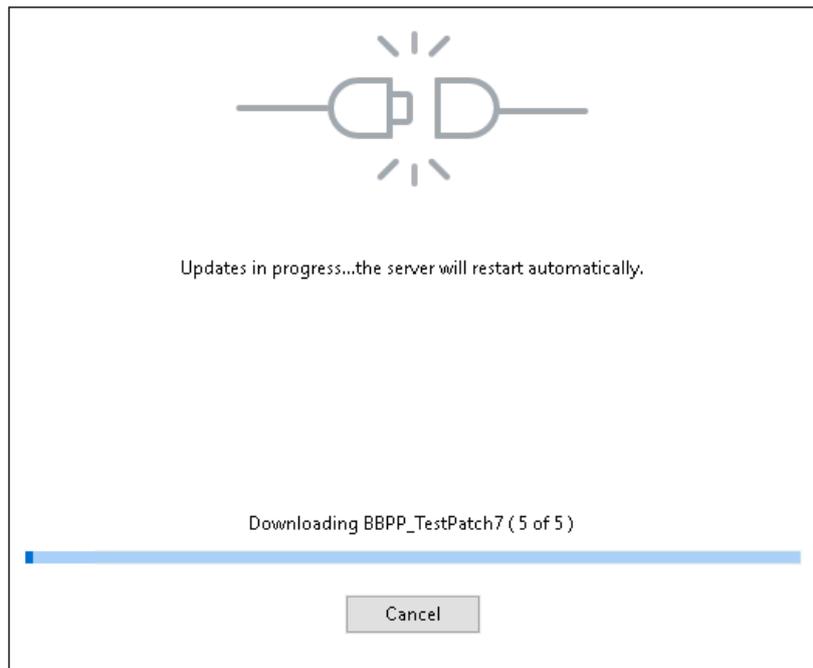
Model: CH-C2 Pro Color Controller E-44B	Date: 20-Apr-18	No.: RD3CE002
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3. Click Continue in the confirmation message screen below.



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

- Initializing
- Downloading Updates
- Transferring
- Installing



Model: CH-C2 Pro Color Controller E-44B	Date: 20-Apr-18	No.: RD3CE002
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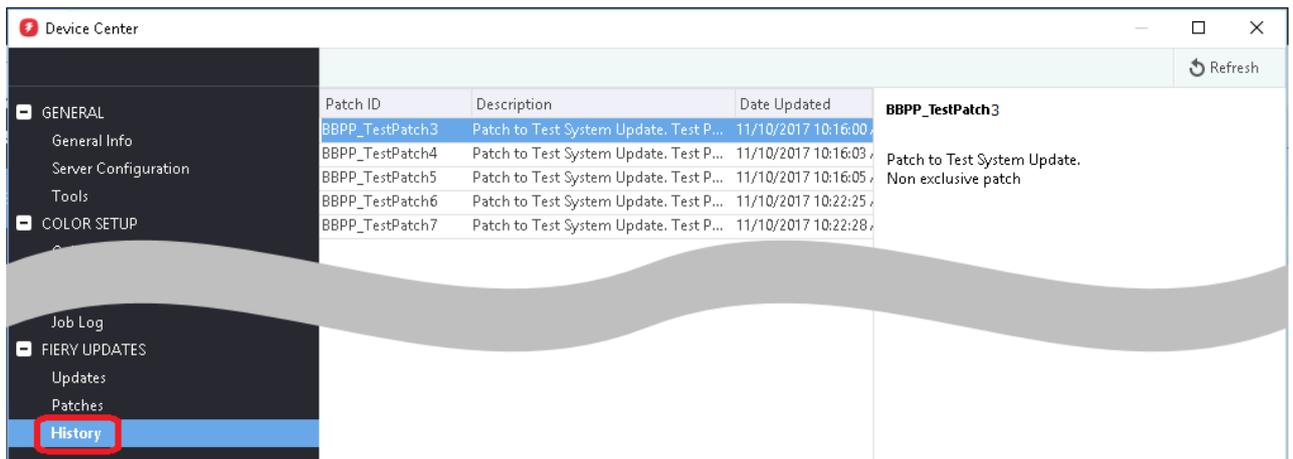
The Fiery controller will reboot as necessary between exclusive patches.  
(If five patches are being installed, then up to five reboots may occur).



**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

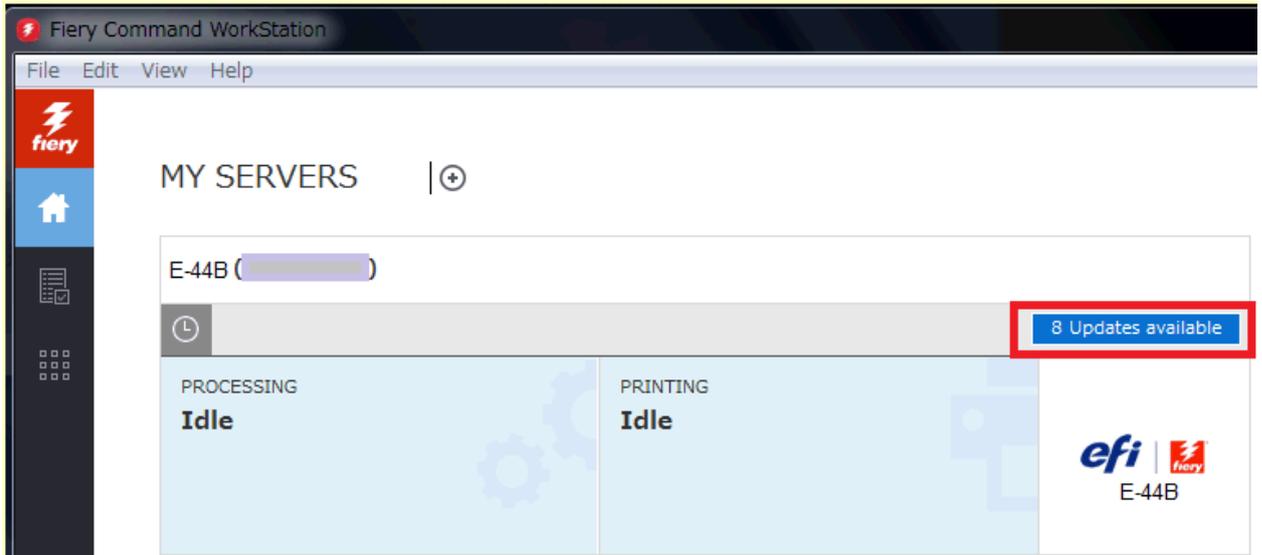
After the system reboots automatically for a number of times necessary according to the updates installed, reconnect to your Fiery controller via Command WorkStation and confirm the update history in the History menu.



**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.



# Fiery Patch Release Notes

<b>Model:</b> Color Controller E-44B (CH-C2 Pro) <b>System Version:</b> 1.0/1.1	<b>Date:</b> Nov 7, 2018 Revised on July. 18, 2019	<b>Revision:</b> C	<b>Revision:</b> A
<b>Patch file:</b> <ul style="list-style-type: none"><li>● FIT101815772.exe (Security patch 001)</li><li>● uninstall_sp.exe (uninstaller)</li></ul>			

**Revision A:** Description for "Before installing" has been revised.

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

## Table of Contents

- Issues addressed with this release
- Before installing FIT101815772.exe
- Patch installation instructions
- About the uninstaller (uninstall\_sp.exe)
- Notes for uninstalling FIT101815772.exe
- Uninstaller patch installation instruction

## Issues addressed with this release

Patch ID	Description
FIT101815772	<b>Fiery Patch to address Security vulnerabilities.</b>  Patch to update the following components of the Fiery to the versions listed:  Apache 2.2.34 PHP 5.6.33 OpenSSL 1.0.2n

## Before installing FIT101815772.exe

1. **IMPORTANT:** It is recommended to perform OS update or install MS update KB4103720 and superseding updates. Failing to do this may result in losing Remote Desktop Access to the Fiery until the Microsoft patches are installed.
2. Known issues listed below, read before installing **FIT101815772.exe** patch:
  - Server will reboot twice automatically after applying this patch for successful installation.
3. The following prerequisite(s) must be installed in the order specified before applying the **FIT101815772.exe** patch:
  - None.
4. Do **NOT** install any of the following patch(es) after installing the **FIT101815772.exe** patch. If you must install any of the patch(es) below, do so before installing the **FIT101815772.exe** patch:

- FIT101815772.exe (E-44B v1.0 only)
5. 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.
  6. 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.
  7. The Fiery patch and release note has been scanned with antivirus software and believed to be virus free.

## Patch installation instructions

1. Make sure that the Fiery printer controller reaches Idle.
2. Execute FIT101815772.exe and follow the instructions in the Fiery Patch Downloader.
3. Notes about the Fiery Patch Downloader
  - a. Logon must be admin. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password.
  - c. Hostname can be the IP address or the Fiery server name.
4. After the patch is downloaded, and when prompted by the Fiery Patch Downloader, choose Reboot.
5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. If the controller does not eventually reach Idle, please manually start the Fiery service.
7. Verify that the System Updates Log section contains the patch number FIT101815772.

## 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 FIT101815772.exe

This **FIT101815772.exe** patch has the uninstaller capability.

To uninstall this patch, make sure to use the uninstaller patch (**uninstall\_sp.exe**) that is provided with **FIT101815772.exe patch**.

1. If **FIT101815772.exe** is not the last patch applied to the system, every patch installed after **FIT101815772.exe** must be uninstalled one by one before uninstalling **FIT101815772.exe**.
2. Important notes for uninstalling **FIT101815772.exe** patch with the uninstaller patch:
  - None

## Uninstaller Patch installation instructions

1. Make sure that the Fiery printer controller reaches Idle.
2. Execute **uninstall\_sp.exe** and follow the instructions in the Fiery Patch Downloader.
3. Notes about the Fiery Patch Downloader
  - a. Logon must be admin. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password.
  - c. Hostname can be the IP address or the Fiery server name.
4. After the patch is downloaded, and when prompted by the Fiery Patch Downloader, choose Reboot. (If you choose to Restart later, make sure you manually reboot the server for the changes to take effect)
5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. Verify that the System Updates Log section does NOT contain **the patch number FIT101815772.exe**.

# Fiery Patch Release Notes

<b>Model:</b> Color Controller E-44B (CH-C2 Pro) <b>System Version:</b> 1.0/1.1	<b>Date:</b> Oct. 10, 2018	<b>Rank :</b> C	<b>Revision:</b>
<b>Patch file:</b> <ul style="list-style-type: none"><li>● Color_Controller_E-44B_SP1.exe (Service Pack 01)</li><li>● uninstall_sp.exe (uninstaller)</li></ul>			

## Table of Contents

- Issues addressed with this release
- Patch configuration
- Before installing Color\_Controller\_E-44B\_SP1.exe (Service Pack 01)
- Patch installation instructions
- About Service Pack 01
- About the uninstaller (uninstall\_sp.exe)
- Notes for uninstalling Service Pack 01
- Uninstaller patch installation instruction

## Issues addressed with this release

Service Pack 01 contains the following fixes:

Patch ID	Description
–	● A patch to change terminology from Sheet size to Paper size.
–	● Output is not good when a particular PDF file is printed with specific Tray alignment settings.
–	● Auto Tray Selection can falsely be specified in Configure. ● (This setting is supposed to be specified from Operation Panel > Apply Auto Paper Select.)
–	● SC 899-00 may occur when reboot the E-24B after restore backup file which contains paper catalog entries information.
–	● “Black point compensation” does not show in Color Input of Device Center.(Command WorkStation)
–	● Paper mismatch error occurs when A4 SEF printing specifies paper tray for slip sheet.
–	● The engine does not recognize the paper size.

## Patch configuration

System Software Version 1.0/1.1  
+ **Service Pack 01 (included in System 1.1)**

### Before installing **Color\_Controller\_E-44B\_SP1.exe**

1. Known issues listed below, read before installing **Color\_Controller\_E-44B\_SP1.exe** patch:
  - None.
2. The following prerequisite(s) must be installed in the order specified before applying the **Color\_Controller\_E-44B\_SP1.exe** patch:
  - None
3. Do **NOT** install any of the following patch(es) after installing the **Color\_Controller\_E-44B\_SP1.exe** patch. If you must install any of the patch(es) below, do so before installing the **Color\_Controller\_E-44B\_SP1.exe** 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 printer controller reaches Idle.
2. Execute **Color\_Controller\_E-44B\_SP1.exe** and follow the instructions in the Fiery Patch Downloader.
3. Notes about the Fiery Patch Downloader
  - a. Logon must be admin. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password.
  - c. Hostname can be the IP address or the Fiery server name.
4. After the patch is downloaded, and when prompted by the Fiery Patch Downloader, choose Reboot.
5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. If the controller does not eventually reach Idle, please manually start the Fiery service.
7. Verify that the **System Updates Log** section lists the patch number **SP1\_FIT101716374**.

## About Service Pack 01

The service pack installer package is distributed as an EXE file, and is named **Color\_Controller\_E-44B\_SP1.exe**. When the service pack is installed on the controller, you can observe the below mentioned changes to confirm the service pack patch effectiveness:

- Latest version of the service pack will be listed in WebTools, Engine LCD panel, General tab of Command WorkStation & Fiery Configuration Page.

The service pack features are as follows.

- Uninstaller:
  - Uninstaller reverts back the changes made by the service pack. Uninstaller works by uninstalling the last installed service pack on the Fiery server.
  - The uninstaller would check the backup binaries and replace them. After the reboot the server would be back in the pre service pack state.
  - Uninstaller can be run multiple times to uninstall multiple service pack patches, one patch at a time.
- Prerequisite checking:
  - Service packs will run pre-requisite checks upon patch installation to ensure all dependent service packs/patches are installed.
  - Service pack installation will only succeed if pre-requisite patches are installed on server, otherwise the installation will fail.
- Versioning:
  - Service pack has versioning system where incremental version of each service pack would list on server
    - On LCD for example SP1, SP2, SP3 etc.
    - On Configuration page → System Update log section → SP1\_FIT100000, SP2\_FIT20000

The Version information will appear as follows after installing Service Pack 01.

Ex)

Version	: 1.0_SP1
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For System 1.1, the version information is described as "Version :1.1\_SP1"

## 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 **Color\_Controller\_E-44B\_SP1.exe**

1. This **Color\_Controller\_E-44B\_SP1.exe** patch has the uninstaller capability.

To uninstall this patch, make sure to use the uninstaller patch (**uninstall\_sp.exe**) that is provided with **Color\_Controller\_E-44B\_SP1.exe** patch.

2. If **Color\_Controller\_E-44B\_SP1.exe** is not the last patch applied to the system, every patch installed after **Color\_Controller\_E-44B\_SP1.exe** must be uninstalled one by one before uninstalling **Color\_Controller\_E-44B\_SP1.exe**.
3. Important notes for uninstalling **Color\_Controller\_E-44B\_SP1.exe** patch with the uninstaller patch:
  - None

## Uninstaller Patch installation instructions

1. Make sure that the Fiery printer controller reaches Idle.
2. Execute **uninstall\_sp.exe** and follow the instructions in the Fiery Patch Downloader.
3. Notes about the Fiery Patch Downloader
  - a. Logon must be admin. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password.
  - c. Hostname can be the IP address or the Fiery server name.
4. After the patch is downloaded, and when prompted by the Fiery Patch Downloader, choose Reboot. (If you choose to Restart later, make sure you manually reboot the server for the changes to take effect)
5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. Verify that the System Updates Log section **not** lists the patch number **SP1\_FIT101716374**.

# Fiery Patch Release Notes

<b>Model:</b> Color Controller E-44B (CH-C2 Pro) <b>System Version:</b> 1.0/1.1	<b>Date:</b> Oct. 10, 2018	<b>Rank :</b> C	<b>Revision:</b>
<b>Patch file:</b> <ul style="list-style-type: none"><li>● Color_Controller_E-44B_SP2.exe (Service Pack 02)</li><li>● uninstall_sp.exe (uninstaller)</li></ul>			

## Table of Contents

- Issues addressed with this release
- Patch configuration
- Before installing Color\_Controller\_E-44B\_SP2.exe (Service Pack 02)
- Patch installation instructions
- About Service Pack 02
- About the uninstaller (uninstall\_sp.exe)
- Notes for uninstalling Service Pack 02
- Uninstaller patch installation instruction

## Issues addressed with this release

Service Pack 02 contains the following fixes:

Patch ID	Description
–	● Scale-to-fit is not honored, if the job is printed with APPE enabled.
–	● Renamed job name is not saved to the LCD job properties.
–	● Color inversion may occur with jobs printed with Composite Overprinted enabled.
–	● Print area changes when APPE is ON with Mixed Media setting.
–	● Some network settings are falsely overwritten when backed up and restored from CWS/Configure between different units.
–	● Composite overprint setting may not be honored.
–	● If the filename includes "%", Fiery service may exit before printing the job result in a disconnection error (SC919).
	● Enhanced media support: 1) Support of textured paper by the following input trays: Tray1, Tray2, Tray3, Large Capacity Tray and Cover Interposer Tray  2) Finisher SR4120, Booklet Finisher SR4130 only:  2-1) Support of Envelope and Paper Thickness 6 by the proof tray 2-2) Support of Half Fold and Booklet Stapling of Thickness 2 "Coated Paper - Glossy" and "Coated Paper - Matte"  3) Finisher SR5070, Booklet Finisher SR5080 only:  3-1) Max allowable sheets for stapling was changed from 20 to 25. 3-2) Support of the following sizes by the shift tray: A6SEF, B6SEF, Com10, C6, DL Env, Japanese Env. #3, Yoh Chou #3 Envelope, Yoh #4 Envelope, Post card, Post card : Standard

	<p>3-3) The minimum width of custom sizes supported by the shift tray was changed from 139.7mm/5.50inch to 100.0mm/3.94inch.</p> <p>Note: For the above changes to take effect, the printer firmware and printer driver must also be updated as a set, or the system will behave accordingly to the spec before the modification or show an Invalid Paper error.</p>
	<ul style="list-style-type: none"><li>● Fiery server restarts frequently with SC error.</li></ul>
	<ul style="list-style-type: none"><li>● A minor change was made to the terminology used in the UI.</li></ul>
	<ul style="list-style-type: none"><li>● Error occurs or the Command WorkStation may freeze, if attempted to associate a media with a tray while the printer is in sleep mode.</li></ul>
	<ul style="list-style-type: none"><li>● Fiery server restarts randomly.</li></ul>

## Patch configuration

System Software Version 1.0/1.1  
+ **Service Pack 01 (included in System 1.1)**  
+ **Service Pack 02**

## Before installing Color\_Controller\_E-44B\_SP2.exe

1. Known issues listed below, read before installing **Color\_Controller\_E-44B\_SP2.exe** patch:
  - None.
2. The following prerequisite(s) must be installed in the order specified before applying the **Color\_Controller\_E-44B\_SP2.exe** patch:
  - SP1\_FIT101716374
3. Do **NOT** install any of the following patch(es) after installing the **Color\_Controller\_E-44B\_SP2.exe** patch. If you must install any of the patch(es) below, do so before installing the **Color\_Controller\_E-44B\_SP1.exe** 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 printer controller reaches Idle.
2. Execute **Color\_Controller\_E-44B\_SP2.exe** and follow the instructions in the Fiery Patch Downloader.
3. Notes about the Fiery Patch Downloader
  - a. Logon must be admin. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password.
  - c. Hostname can be the IP address or the Fiery server name.
4. After the patch is downloaded, and when prompted by the Fiery Patch Downloader, choose Reboot.
5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. If the controller does not eventually reach Idle, please manually start the Fiery service.
7. Verify that the **System Updates Log** section lists the patch number **SP2\_FIT101857700**.

## About Service Pack 02

The service pack installer package is distributed as an EXE file, and is named **Color\_Controller\_E-44B\_SP2.exe**. When the service pack is installed on the controller, you can observe the below mentioned changes to confirm the service pack patch effectiveness:

- Latest version of the service pack will be listed in WebTools, Engine LCD panel, General tab of Command WorkStation & Fiery Configuration Page.

The service pack features are as follows.

- Uninstaller:
  - Uninstaller reverts back the changes made by the service pack. Uninstaller works by uninstalling the last installed service pack on the Fiery server.
  - The uninstaller would check the backup binaries and replace them. After the reboot the server would be back in the pre service pack state.
  - Uninstaller can be run multiple times to uninstall multiple service pack patches, one patch at a time.
- Prerequisite checking:
  - Service packs will run pre-requisite checks upon patch installation to ensure all dependent service packs/patches are installed.
  - Service pack installation will only succeed if pre-requisite patches are installed on server, otherwise the installation will fail.
- Versioning:
  - Service pack has versioning system where incremental version of each service pack would list on server
    - On LCD for example SP1, SP2, SP3 etc.
    - On Configuration page → System Update log section → SP1\_FIT100000, SP2\_FIT20000

The Version information will appear as follows after installing Service Pack 01.

Ex) 

Version	: 1.0_SP2
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For System 1.1, the version information is described as "Version :1.1\_SP2"

## 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 **Color\_Controller\_E-44B\_SP2.exe**

1. This **Color\_Controller\_E-44B\_SP2.exe** patch has the uninstaller capability.

To uninstall this patch, make sure to use the uninstaller patch (**uninstall\_sp.exe**) that is provided with **Color\_Controller\_E-44B\_SP2.exe** patch.

2. If **Color\_Controller\_E-44B\_SP2.exe** is not the last patch applied to the system, every patch installed after **Color\_Controller\_E-44B\_SP2.exe** must be uninstalled one by one before uninstalling **Color\_Controller\_E-44B\_SP2.exe**.
3. Important notes for uninstalling **Color\_Controller\_E-44B\_SP2.exe** patch with the uninstaller patch:
  - None

## Uninstaller Patch installation instructions

1. Make sure that the Fiery printer controller reaches Idle.
2. Execute **uninstall\_sp.exe** and follow the instructions in the Fiery Patch Downloader.
3. Notes about the Fiery Patch Downloader
  - a. Logon must be admin. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password.
  - c. Hostname can be the IP address or the Fiery server name.
4. After the patch is downloaded, and when prompted by the Fiery Patch Downloader, choose Reboot. (If you choose to Restart later, make sure you manually reboot the server for the changes to take effect)
5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. Verify that the System Updates Log section **not** lists the patch number **SP2\_FIT101857700**.

<b>Model:</b> Color Controller E-44B (CH-C2 Pro) <b>System Version:</b> 1.0/1.1	<b>Date:</b> July 29, 2019	<b>Revision:</b> C	<b>Revision:</b>
<b>Patch file:</b> <ul style="list-style-type: none"><li>● FIT101867106.exe (Security patch 002)</li></ul>			

<b>Uninstallation Capability</b>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>Uninstaller Patch File</b>	uninstall_win_v1.exe

## Table of Contents

- Issues addressed with this release
- Before installing FIT101867106.exe
- Patch installation instructions
- About the uninstaller (uninstall\_win\_v1.exe)
- Notes for uninstalling FIT101867106.exe
- Uninstaller patch installation instruction

## Issues addressed with this release

Patch ID	Description
FIT101867106	Patch to address the XSS vulnerability of Webtools in windows Fiery.

## Before installing FIT101867106.exe

1. Known issues listed below, read before installing **FIT101867106.exe** patch:
  - None.
2. The following prerequisite(s) must be installed in the order specified before applying the **FIT101867106.exe** patch:
  - None.
3. Do **NOT** install any of the following patch(es) after installing the **FIT101867106.exe** patch. If you must install any of the patch(es) below, do so before installing the **FIT101867106.exe** 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.
6. The Fiery patch and release note has been scanned with antivirus software and believed to be virus free.

## Patch installation instructions

1. Make sure that the Fiery printer controller reaches Idle.
2. Execute FIT101867106.exe and follow the instructions in the Fiery Patch Downloader.
3. Notes about the Fiery Patch Downloader

- a. Logon must be admin. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password.
  - c. Hostname can be the IP address or the Fiery server name.
4. After the patch is downloaded, and when prompted by the Fiery Patch Downloader, choose Reboot.
  5. Wait until the Fiery controller reaches Idle and print the Configuration page.
  6. If the controller does not eventually reach Idle, please manually start the Fiery service.
  7. Verify that the System Updates Log section contains the patch number FIT101867106.

## About the Uninstaller Patch

1. The uninstaller patch (**uninstall\_win\_v1.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 FIT101867106.exe

This **FIT101867106.exe** patch has the uninstaller capability.

To uninstall this patch, make sure to use the uninstaller patch (**uninstall\_win\_v1.exe**) that is provided with **FIT101867106.exe patch**.

1. If **FIT101867106.exe** is not the last patch applied to the system, every patch installed after **FIT101867106.exe** must be uninstalled one by one before uninstalling **FIT101867106.exe**.
2. Important notes for uninstalling **FIT101867106.exe** patch with the uninstaller patch:
  - None

## Uninstaller Patch installation instructions

1. Make sure that the Fiery printer controller reaches Idle.
2. Execute **uninstall\_win\_v1.exe** and follow the instructions in the Fiery Patch Downloader.
3. Notes about the Fiery Patch Downloader
  - a. Logon must be admin. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password.
  - c. Hostname can be the IP address or the Fiery server name.
4. After the patch is downloaded, and when prompted by the Fiery Patch Downloader, choose Reboot. (If you choose to Restart later, make sure you manually reboot the server for the changes to take effect)
5. Wait until the Fiery controller reaches Idle and print the Configuration page.
6. Verify that the System Updates Log section does NOT contain **the patch number FIT101867106.exe**.