

# HP COLOR LASERJET ENTERPRISE M680 MFP PRINTER SERIES Firmware Readme

**Product Name(s):** HP Color LaserJet M680dn • HP Color LaserJet M680f • HP Color LaserJet M680z

**Model Number(s):** CZ248A, CZ249A, CZ250A

This document contains information for the firmware revision number:

Firmware Datecode: 20150218

Firmware Revision: 2304070\_439654

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 3.4.1

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- Trademark Notices
- OPEN-SOURCE SOFTWARE LICENSE AGREEMENTS (In English)
- License and Copyright

## **Description**

This Readme file provides specific installation instructions and other information you should know before you perform a firmware update for your HP LaserJet Series printer or MFP. Installation instructions are provided for Single and Multiple Printer Updates.

This document provides specific update, installation and troubleshooting information. For additional information on the device features, refer to the online user guide found on the Windows Printing System Installer CD-ROM that came with your printer or at [hp.com](http://hp.com).

#### What is included in a Firmware bundle?

The HP LaserJet printer firmware update file available from the [hp](http://hp.com) web site contains firmware for the printer, embedded JetDirect (if applicable), HP paper handling accessories used with the device in one convenient download file. When the Remote Firmware Upgrade file is sent to the HP LaserJet Printer or MFP firmware for the engine and all connected accessories are upgraded.

#### Who needs this firmware?

Similar to Hewlett Packard providing improved software for your HP LaserJet Printer or MFP, Hewlett Packard provides firmware updates for your printer periodically through its supported lifecycle. A firmware update may be necessary if it is determined that you may benefit from the resolution of any issue that is documented below. These updates are available on the HP support web site.

Determining the current version level of your firmware

#### To determine the current level of firmware installed on the device:

Go to the printer's or MFP's control panel.

1. Go to the printer's control panel.
2. Scroll down and select the **Administration** application.
3. Select the **Reports** menu.
4. Select the **Configuration/Status Pages** menu.
5. Select the **Configuration Page** option.
6. Select the **Print**.

On the printed Configuration page look in the section marked "Device Information" for the Firmware Datecode and Firmware Revision. The Firmware Datecode and Firmware Revision will look something like this:

Firmware Datecode: 20140206

Firmware Revision: 2302253\_422210

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 3.2.01

#### IMPORTANT NOTE:

This firmware file requires an interactive update method. You CANNOT update these Product(s)/Model(s) using the traditional FTP, LPR or Port 9100 methods of upgrading.

Please use one of the following methods listed below to update the firmware of this device.

## **Enhancements and Fixes provided with this Firmware revision**

The following new functionality or features are provided by this firmware release:

Firmware Datecode: 20150218

Firmware Revision: 2304070\_439654

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 3.4.1

### **ENHANCEMENT:**

Base:

- No new Updates

Digital Sending

- No new Updates

Analog Fax

- No new Updates

Security/Authentication:

- No new Updates

Embedded JetDirect:

- No new Updates

### **FIXES:**

Base:

- Incorrect translation of Job Build operation message in Japanese language on the control panel.
- End users prevented from authenticating to the device for some period of time following a digital send or pull print operation performed by a prior authenticated user. Some customers report an inability to login until the device has been power-cycled.

## Digital Sending

- No new Updates

## Analog Fax

- No new Updates

## Security/Authentication:

- No new Updates

## Embedded JetDirect:

- No new Updates

Current firmware revisions included in this firmware bundle:

### **DEVICE FIRMWARE REVISION**

| COMPONENT                     | FIRMWARE VERSION   |
|-------------------------------|--|
| HP Color LaserJet M680 SERIES | Firmware Datecode: 20150218<br>Firmware Revision: 2304070_439654 |
| Embedded JetDirect:           | JDI23400008  |
| DC Controller:                | 5.49   |
| CPB                           | 2.167  |
| SCB                           | xxxxFA1446AR 1.0   |
| Fax                           | Ver11.1  |
| HP Fleet Release Designation  | FutureSmart Bundle Version 3.4.1                                 |

## **FIXES AND ENHANCEMENTS PROVIDED WITH PREVIOUS FIRMWARE REVISIONS:**

NOTE: ALL IMPROVEMENTS WITH PREVIOUS REVISIONS OF FIRMWARE ARE INCLUDED WITHIN THE MOST CURRENT REVISIONS

The following new functionality or features are provided by this firmware release:

Firmware Datecode: 20141212

Firmware Revision: 2304061\_439468

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 3.4

### **ENHANCEMENT:**

Base:

- Ability for administrators to configure an email alert for print, copy, send or fax jobs that may be still processing or stuck after a given threshold.

- Ability for administrators or optionally help desk to remotely control device if authorized from embedded web server.
- Added PDF 1.7 support for direct printing
- Device settings can now be backed up and stored on the device before a firmware upgrade is performed.
- Improved copy, send and fax behavior with jobs automatically queued if the scanner is busy or warming up.
- Ability to detect Oficio size in the ADF
- Hebrew and Arabic languages are now available on the Device control panel.

## Digital Sending

- When creating a Send to Folder quickset that requires authentication, the domain that is set by the administrator will be pre-populated to the control panel interface.

## Analog Fax

- Ability for administrators to specify a separate "from" email address for analog fax archive jobs sent by email.
- The fax test page will provide diagnosed results showing the status and technical details of modem and phone line which would help an engineer/support personnel to troubleshoot a fax issue.
- Ability for administrator to add multiple Internet fax domains and create a list of Internet domains users can select from.

## Security/Authentication:

- Ability for administrators to configure product EWS for LDAP or Windows Authentication Sign In for product tabs.
- Support added for extensibility solutions to use Windows and LDAP authentication.
- Allows EWS users to Enable and Disable installed Authentication Agents on the EWS Access Control page.
- AirPrint 1.3 Authentication is now supported.
- Simplified Account Lockout is a feature to protect administrator and user accounts and PIN protected stored jobs from brute force hacking attempts. The feature is built into the interface with no configuration necessary. After 5 failed authentication attempts, the system enters "Protected Mode" and inserts small fixed delays to impede continued password guessing. (Note: Identical passwords are treated as a single attempt.) After the user successfully authenticates, or the device idle timeout expires, the "attempt counter" is reset.
- Provides improved logging performance for syslog security event logging when printing multiple small print jobs.
- LaserJet Single Function Devices now support embedded Windows and LDAP Authentication.
- When a Future Smart device connects securely (i.e. with SSL/TLS) to SMTP, SharePoint or DSS servers, the identity of the server is now authenticated. This

authentication requires the installation of the correct CA certificate into the Future Smart printer/MFP.

- Product enablement for HP Trusted Platform Module Accessory.

#### Embedded JetDirect:

- The default network interface used for outbound connections has been changed to prioritize the Embedded Jetdirect followed by EIO, the 2700W and finally the 2800W. This priority is settable on the Networking tabs of EWS.

#### **FIXES:**

##### Base:

- With Color Restrictions ON, personal colored job with PIN fails to print.
- Even though the Copy function has been disabled by administrator using control panel customization through EWS, users were still able to copy using "Start Copy" soft button on Home Screen or the Start hard key.
- 49.38.07 error seen when printing duplex jobs containing Thai fonts.
- If "ability to modify tray size and type" settings is locked for a user, Tray 1 "Use Requested Tray - First" capability is lost. The printer cannot pick paper automatically from Tray 1, even when loaded with correct paper size, and user gets prompted to load paper into Tray 2 to complete the job.
- Half-width conversion is not occurring with YEN character on Japanese Keyboard layout.
- When printing mixed Letter/Leger or A4/A3 the device will now prompt properly for the required media.
- Alternative Letterhead Mode feature not working correctly for copy stored jobs.
- Errors in PCL which did not allow customer files to print, have been turned to warnings.
- Control Panel may display the incorrect output paper size when scaling is applied.
- Printer is entering into a deeper sleep when a card reader is installed.
- Unable to read Barcode printed on config page
- Duplex printing with Alternative Letterhead mode enabled, gives the wrong image orientation.
- [UPD-PCL6 and PS] Manual duplex Popup instructions are not matching between driver popup and device control panel.
- On the device EWS go to Fax tab > Receive set up > Fax Printing Schedule
- If Print time is set/stored as 7AM
- the time by default will shows as 5PM"
- An improper attention message is displayed on control panel for a Manual Duplex job.
- When trying to retrieve all Encrypt jobs, the device doesn't print till the printer display resets back to home screen.

- When a device with an empty tray, has been discovered in WJA, it does not send "Paper Out" alert, even after subscribing for it.
- "Personal Jobs" with Encrypted job (With Password) are not getting stored via IPP driver
- Scan Service is not returning the Device Alert Event of Scanner ADF Jam while doing a Cover Open Jam.
- When the MFP is restarted, the copy settings of Color/Black changes to Auto-Detect from Black.
- The Form Length and the Font number PCL values are reset to default after printing some documents and rebooting the device.
- Some improvements in printing back to back small one-two page jobs.

## Digital Sending

- Date on Embedded Send to Network Folder job notification page is inaccurate.
- Issue with Japanese characters while configuring UNC path for ESNF.
- Device takes more time to display the folder quicksets on control panel when configured through DSS.
- Searchable PDF feature generates very large file attachments while performing scan to email.
- Folder quickset's destination value is different with xml and hps metadata files.
- The Finish button may be hidden by a dialog when configuring a Save to SharePoint quickset
- Email setup wizard enabled with "Grey out the information" on the control panel uses the specified authentication credentials for sending emails.
- SNF fails with local folder path for OXPD 1.6 services.
- Metadata XML file counts the blank pages when blank page suppression is used.
- Home folder's default attribute is changed to homeDirectory.
- Email from the device may be flagged as Spam due to a missing hostname in the EHLO command when communicating with the SMTP server may see

## Analog Fax

- When you import an address book in EWS some of the fax number entries are not displayed on the control panel. However searching for a particular fax record will display the missing entry.
- A 99.07.20 error relating to fax modem is seen when upgrading and downgrading FutureSmart MFPs
- HP FutureSmart MFP devices receive incoming faxes successfully but will not print when both sender and receiver negotiate to JBIG image compression.
- LanFax Jobs failure notifications even though the faxes are being received successfully.
- Fax confirmation pages print continuously even after disabling print notifications.
- Stored Faxes may be deleted when the 'delete standard stored jobs' functionality is set to a certain time period.

## Security/Authentication:

- A 49.38.0C error may occur when performing a save to network folder digital send job to some distributed file system destination directories.
- Resolves an issue where an extensibility solution could unintentionally cause a feature to be present on the device control panel.
- Some save to network folder digital send jobs may fail when IPSEC is enabled on the device and the folder path is specified by fully qualified domain name.
- A 49.38.11 error can occur on smart card insertion with the HP Smartcard US Government SIPRNet Solution.
- The embedded Security -> Certificate Management embedded web server page may not load properly after firmware update. is firmware addresses

## Embedded JetDirect:

- Network settings, e.g. static IP address, configuration method, etc. intermittently reset to default values.
- Very long Postscript jobs sometimes do not print
- A delay may occur between print jobs when CCC logging is enabled
- A number of ports between 1033 and 1044 report as Open/Filtered
- Network configuration is reset to DHCP after a firmware upgrade.
- Current 32K TCP buffers cause excessive delay on long latency/high bandwidth transfers.

Current firmware revisions included in this firmware bundle:

### **DEVICE FIRMWARE REVISION**

| COMPONENT                     | FIRMWARE VERSION   |
|-------------------------------|--|
| HP Color LaserJet M680 SERIES | Firmware Datecode: 20141212<br>Firmware Revision: 2304061_439468 |
| Embedded JetDirect:           | JDI23400008  |
| DC Controller:                | 5.49   |
| CPB                           | 2.167  |
| SCB                           | xxxxFA1446AR 1.0   |
| Fax                           | Ver11.1  |
| HP Fleet Release Designation  | FutureSmart Bundle Version 3.4                                   |

## **FIXES AND ENHANCEMENTS PROVIDED WITH PREVIOUS FIRMWARE REVISIONS:**

NOTE: ALL IMPROVEMENTS WITH PREVIOUS REVISIONS OF FIRMWARE ARE INCLUDED WITHIN THE MOST CURRENT REVISIONS

The following new functionality or features are provided by this firmware release:

Firmware Datecode: 20140731

Firmware Revision: 2302963\_436072



## **ENHANCEMENT:**

### Base:

- The Wide A4 setting is shifting the image compared to compressing it.
- If a job is still being processed and has not completed, an email alert can be sent out notifying administrators that there may be a stuck job. This can be helpful if troubleshooting situations where fax, send or print jobs are hung but if the time is set too low may generate false-positives. It is recommended to be used as a diagnostic technique when troubleshooting stuck jobs where the device is not frozen only

### Digital Sending

- The ability to select the number of pages per file for PDF and MTIFF when scanning through the ADF is added to File Settings
- An 'user editable' field to restrict/permit users from entering email address in the email notification address field.

### Analog Fax

- No New Updates

### Security/Authentication:

- No New Updates

### Embedded JetDirect:

- No New Updates

## **FIXES:**

### Base:

- The Device is not reporting the custom device name
- Low and Out EWS ALERTS for Imaging Drum do not exist
- IPP, a printing protocol, is erroneously available on scan-only devices.
- "Plain, Letter" is not localized in Russian on control panel and SNP alert for empty paper tray.
- You may see a 49.21.AF error on a WJA-initiated reboot.

- After firmware upgrade or downgrade the control panel is blank and does not show the hp logo during boot for more than 1 minute
- You may see slow performance of the device which may impact the copy speed as well.
- Alternative Letterhead Mode does not work for Copy
- Some characters may be italicized when printing files via a USB thumbdrive
- When printing Mixed Letter/Legal jobs sent by HP-UX OS, if the number of copies is not specified for a particular papersize, it takes the number of copies of the previous set.
- Retrieving large amounts of stored jobs may take a long time to verify before printing.
- Printer stops processing network jobs after pressing the Physical Start button more than once when retrieving stored jobs.
- Paper load prompt not consistent between JEDI products
- The message within Web JetAdmin "Intervention Needed" is not cleared even after intervention was cleared from the device.
- Tray 5 selection unavailable when performing Booklet copy
- You may see a 49.38.0E Device Error while retrieving the stored print job
- You may see a 49.38.03 error when authenticating
- Edited quick sets may not update in all screens
- You may see a 49.38.13 error using Autosend when not configuring a site proxy with credentials.
- The Wide A4 setting is shifting the image compared to compressing it.
- If a job is still being processed and has not completed, an email alert can be sent out notifying administrators that there may be a stuck job. This can be helpful if troubleshooting situations where fax, send or print jobs are hung but if the time is set too low may generate false-positives. It is recommended to be used as a diagnostic technique when troubleshooting stuck jobs where the device is not frozen only

## Digital Sending

- You may see Address Book errors in the event log when using DSS 5
- SharePoint address path may not be displayed with some firmware versions (*HP Color LaserJet M680z only*)
- While sending an email from the device attached to DSS, the authenticated user is prompted to add the address to the address book again despite adding it.
- Delays noticed in user-populated Send to Email fields when using DSS 5.01.02 and HPAC-based authentication.
- The scan to folder application can take up to minutes to load when there are over 50 DSS Quicksets and would take longer when quick set contains multiple destinations.
- The ability to select the number of pages per file for PDF and MTIFF when scanning through the ADF is added to File Settings
- An 'user editable' field to restrict/permit users from entering email address in the email notification address field. using

#### Analog Fax

- Fax sent from HP FutureSmart device to a non-HP fax device at slow or medium speed sometimes results in Communication Error 81
- File name length is shortened to four characters for legacy Castelle FaxPress selection
- Numerous instances of No Fax Detected calls reported on Fax Activity Log.
- Thumbnail is missing in fax call report when faxing from PC send fax driver.
- Some fax jobs fail when there are multiple print, copy and fax jobs in progress

#### Security/Authentication:

- This firmware addresses the following security issue: CVE-2014-0224 - SSL/TLS MITM vulnerability
- Some control panel authentication screens on single function devices were not displaying complete informational text.
- Device embedded web server can now be configured to use Windows or LDAP sign in (if configured on the device) instead of the EWS administrator password. This functionality excludes the Web Services and Networking tabs of the EWS, which still require the device admin password.

#### Embedded JetDirect:

- Manually configured hostnames are intermittently being reset to factory default values (NPIxxxxx)

Current firmware revisions included in this firmware bundle:

#### **DEVICE FIRMWARE REVISION**

| COMPONENT                     | FIRMWARE VERSION   |
|-------------------------------|--|
| HP Color LaserJet M680 SERIES | Firmware Datecode: 20140731<br>Firmware Revision: 2302963_436072 |
| Embedded JetDirect:           | JDI23260006  |
| DC Controller:                | 5.48   |
| CPB                           | 2.141n   |
| SCB                           | xxxxFA1415AR 1.0   |
| Fax                           | Ver11.0  |
| HP Fleet Release Designation  | FutureSmart Bundle Version 3.2.7                                 |

## **FIXES AND ENHANCEMENTS PROVIDED WITH PREVIOUS FIRMWARE REVISIONS:**

NOTE: ALL IMPROVEMENTS WITH PREVIOUS REVISIONS OF FIRMWARE ARE INCLUDED WITHIN THE MOST CURRENT REVISIONS

## **Enhancements and Fixes provided with this Firmware revision**

The following new functionality or features are provided by this firmware release:

Firmware Datecode: 20140529

Firmware Revision: 2302908\_435008

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 3.2.5

### **ENHANCEMENT:**

Base:

- The Job Cancel button behavior has changed to prompt a user to either resume or cancel the job, which is now also tied to the inactivity timeout. We also have the ability to remove the Job Cancel button (red x) from the CP of the device.
- Now have the ability to support up to 28 characters for Custom Media types.

Digital Sending

- Auto-detect' feature in Scan Options can now detect 8-bit black/grey images as well
- Ability to disable the use of the Flate compression method when compressing the PDF files that are generated from the scanned pages.

Analog Fax

- Ability to consolidate fax reports/notification with optional thumbnail. This will allow end users to receive a single report back for jobs that are sent to multiple fax destinations with a summary of success / failure for each destination.

Security/Authentication:

- No New Updates

Embedded JetDirect:

- No New Updates

### **FIXES:**

#### Base:

- The Web Services tab may be missing.
- Private Jobs are not sorted and printed properly on devices with the solid state drives.
- Sending Personal Private Stored Jobs with Encryption does not keep copy count.
- The symbol "&" is not supported in the search root when configuring LDAP
- Certain character may get flipped or mirrored in some documents.
- Numeric keypad did not display when retrieving a PIN protected stored job.
- Within the Korean control panel language you may see double characters, wrong translation or key clicks that are required to be pressed twice before being implemented.
- Devices with error message and Welcome message enabled will not automatically sign user out if the device is left idle after job
- Safecom users may get accidentally signed out shortly after the device wake up from A1W using the proximity USB card reader.
- Certain text and help messages within the Asian languages were not localized properly.
- You may see a 49.4A.04 error when printing certain Websites or PDF files.
- Retrieving all Personal jobs may result in the print all option not working until the device is rebooted.
- Yellow toner cartridge percentage may drop to 10% for no apparent reason.

#### Digital Sending

- When using an OXPD 1.6 based application you may see a 10s to 17s delay from the time the Scan button is pressed until the first page is pulled from the ADF

#### Analog Fax

- The LAN fax metadata file is missing the username in the username field when the device is set to Korean and the Active Directory users authenticate to the device.
- Scanner host name in the HPS file shows invalid host name instead of correct host name.
- The ##SCANNERHOSTNAME parameter is set to "WinCE" in the LAN fax metadata file instead of the host name of the device.
- Send faxes enter into pending state and the control panel displays a stuck 'incoming call' for inbound fax job.
- Device may not wake up from sleep when there is an incoming fax

#### Security/Authentication:

- No New Updates

#### Embedded JetDirect:

- Certain SNMP network traffic may cause the printer to come out of a 1 Watt mode.

Current firmware revisions included in this firmware bundle:

**DEVICE FIRMWARE REVISION**

| COMPONENT                     | FIRMWARE VERSION   |
|-------------------------------|--|
| HP Color LaserJet M680 SERIES | Firmware Datecode: 20140529<br>Firmware Revision: 2302908_435008 |
| Embedded JetDirect:           | JDI23250001  |
| DC Controller:                | 5.48   |
| CPB                           | 2.141n   |
| SCB                           | xxxxFA1415AR 1.0   |
| Fax                           | Ver10.4  |
| HP Fleet Release Designation  | FutureSmart Bundle Version 3.2.5                                 |

**FIXES AND ENHANCEMENTS PROVIDED WITH PREVIOUS FIRMWARE REVISIONS:**

NOTE: ALL IMPROVEMENTS WITH PREVIOUS REVISIONS OF FIRMWARE ARE INCLUDED WITHIN THE MOST CURRENT REVISIONS

The following new functionality or features are provided by this firmware release:

Firmware Datecode: 20140321

Firmware Revision: 2302786\_433708

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 3.2.3

**ENHANCEMENT:**

Base:

- Control Panel changes to support configuration of Furigana field when adding or editing an address book entry and changes in the Address Book Details screen to display the Furigana data.
- Added the ability to configure default notification behavior for all applications to "Print" notification on job failure
- New setting to configure job timeout for "Permanent Jobs" for Job Retention.

- Added the ability to allow an administrator to change the Service PIN on their device.

#### Digital Sending

- No New Updates

#### Analog Fax

- The fax speed dial capacity has been increased from 99 to 1000 with each speed dial supporting up to 210 destinations. The user shall be able to select, edit, import, export and search the list of speed dials
- This feature allows Administrator and/or HP field support personnel to export "Fax debug logs" to USB disk plugged into the front-panel USB port via UI menu option or Network folder as specified by EWS setting. The debug logs are helpful for HP to diagnose fax issues.

#### Security/Authentication:

- Support added for HP Smartcard US Government SIPRNet Solution
- Added the ability to allow an administrator to change the Service PIN on their device.

#### Embedded JetDirect:

- No New Updates

#### **FIXES:**

##### Base:

- Removing a solution through the Embedded Web Server that was installed via OXP1.5 may leave the OXP1.5 data on the device
- If a cold reset is performed when a solution is loaded, the EWS->Security->Access Control page still showed Solution entries which no longer exist.
- You may see a 49.4A.04 error when printing certain web pages or PDF files.

- You may see a processing hang when sending large quantities of print, copy and send jobs all at the same time.
- When installing some CCID card readers you may see the following error - "Invalid USB device is attached. Please remove it."
- Job Status menu is not able to be locked down in the Security/Access Control
- The Embedded Web Server exported view of the Job Log does not match what is on screen.
- May fail to wake from sleep when device is setup to wake (turn on) on a wake schedule.
- QuickSet one touch job starting regardless of Active notification prompt.
- When stapling is requested within the print driver you may see the first page separated from the remaining job which is stapled.
- web service events incur a long delay if stuck behind undeliverable events (such as to WJA service being unreachable)
- Entering a "space" on the Korean keyboard required 2 touches.
- The MFP may stop responding if a second copy job is started and then cancelled while the first copy job is still processing.
- Japanese IME keyboard input is improved in this release
- You may see a 49.38.18 error when not signing out after using the 2-sided ID Scan feature.

## Digital Sending

- Address book - sort order is not based on Furigana field for Japanese contacts
- Address Book - Entries Without Furigana should be listed first
- The email is not signed when the MFP is attached to DSS but is signed from MFP.
- You may see a username folder created inside the first username folder when sending more than one Send to Network Folder job with an authenticated user.
- "SMTP Gateway not responding" message erroneously presented when sending email, pressing OK will continue sending email.
- Japanese (Romaji) characters could not be entered in a UNC folder path



- Unable to search address with underscore(\_) using LDAP.
- Folders created by DSS may not display in the folder list on the control panel
- When you scan to PDF/A the resulting PDF/A document seem to report PDF/A-1a instead of PDF/A-1b

## Analog Fax

- Faxes hang while receiving and doesn't time out forcing the user to cancel the fax or reboot the device
- Fax "Quick Set" Configuration is not possible through in EWS Page.
- 'No fax detected' messages which are typically not fax failures are shown in 'Standard' fax activity log thus users perceiving them as real failures. The 'No fax detected' calls will be moved under 'Detailed' activity log.
- Deleting All Fax Speed Dials within the EWS may take more than an hour.
- Trash Icon in Fax Speed dials is visible outside the Window if we enter more than 6 Fax numbers
- The process of Importing Speed Dials is slow and increases exponentially with the number of records imported.
- "Prompt user prior to job start" checkbox may be visible in the Fax application from the control panel. It should only appear in the Administration application, which is now the behavior with this release.
- Fax speed dial entries may be erroneously deleted if their name starts with the same two characters as an entry that is edited.
- Fax Speed Dials with certain Characters Prevent Fax Speed Dial Selection

## Security/Authentication:

- No New Updates

## Embedded JetDirect:

- When exporting the Jetdirect Identity certificate, the password is incorrect
- The link speed reported over SNMP is incorrect for 1000T
- IPP should not be reporting an error on exiting priority-mode job during printing

Current firmware revisions included in this firmware bundle:

**DEVICE FIRMWARE REVISION**

| COMPONENT                     | FIRMWARE VERSION   |
|-------------------------------|--|
| HP Color LaserJet M680 SERIES | Firmware Datecode: 20140321<br>Firmware Revision: 2302786_433708 |
| Embedded JetDirect:           | JDI23230013  |
| DC Controller:                | 5.48   |
| CPB                           | 2.141m   |
| SCB                           | xxxxFA1407BR 1.0   |
| Fax                           | Ver10.7  |
| HP Fleet Release Designation  | FutureSmart Bundle Version 3.2.3                                 |

The following new functionality or features are provided by this firmware release:

Firmware Datecode: 20131122

Firmware Revision: 2302243\_421968

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 3.2.

**ENHANCEMENT:**

Base:

- No New Updates – Original Release

Digital Sending:

- No New Updates – Original Release

Analog Fax:

- No New Updates – Original Release

Security/Authentication:

- No New Updates – Original Release

Embedded JetDirect:

- No New Updates – Original Release

**FIXES:**

Base:

- No New Updates – Original Release

Digital Sending:

- No New Updates – Original Release

Analog Fax:

- No New Updates – Original Release

Security/Authentication:

- No New Updates – Original Release

Embedded JetDirect:

- No New Updates – Original Release

Current firmware revisions included in this firmware bundle:

#### DEVICE FIRMWARE REVISION

| COMPONENT                     | FIRMWARE VERSION   |
|-------------------------------|--|
| HP Color LaserJet M680 SERIES | Firmware Datecode: 20131122<br>Firmware Revision: 2302243_421968 |
| Embedded JetDirect:           | JDI23200024  |
| DC Controller:                | 5.48   |
| CPB                           | 2.141h   |
| SCB                           | xxxxFA1342AR 1.0   |
| Fax                           | ver10.4  |
| HP Fleet Release Designation  | Original Release FutureSmart 3.2                                 |

No Previous Releases – Original Version

#### Installation Instructions

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**NOTE:** Please be aware that an update in some circumstance may require ten minutes or more to complete.

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You can send the firmware update to a device at any time; the device will wait for all I/O channels to become idle before cycling power.

Please print a configuration page prior to performing any firmware update. To print the configuration page:

1. Go to the printer's control panel.
2. Scroll down and select the **Administration** application.
3. Select the **Reports** menu.
4. Select the **Configuration/Status Pages** menu.
5. Select the **Configuration Page** option.
6. Select the **Print**.

On the printed Configuration page look in the section marked "Device Information" for the Firmware Datecode and Firmware Revision. The Firmware Datecode and Firmware Revision will look something like this:

Firmware Datecode: 20130919

Firmware Revision: 2301132\_395570

The elapsed time for an update depends on the I/O transfer time as well as the time that it takes for the printer to reinitialize. The I/O transfer time depend on the speed of the host computer sending the update and the I/O method (USB or network).

The re-initialization time will depend on the specific hardware configuration of the printer, such as the number of EIO devices installed, the presence of external paper handling devices, and the amount of memory installed. Finally, any print jobs ahead of the firmware job in the queue will be printed before the update is processed.

---

**NOTE:** When the update process has completed the device will need to be rebooted. Once the printer is back online, print a Configuration Page and verify that the new firmware has been installed.

---

## **Additional information to know**

The firmware file will be in the following file format "xxxxxxx.bdl" where "xxx" indicates the firmware file name and the ".bdl" is the files extension.

This file requires an interactive update method. You cannot update the printer using the traditional FTP, LPR or Port 9100 methods of upgrading. Please use one of the following methods listed below to update the firmware of this device.

## **How to perform firmware upgrades.**

**Embedded Web Server:** (control panel is at a Ready screen)

Please visit the following link to a view video on this firmware upgrade method explained below.

**YouTube:** <http://youtu.be/Gv6OprEg7Es>

**Brightcove:**

<http://link.brightcove.com/services/player/bcpid1190528646001?bctid=REFIDBC3707096437001>

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**NOTE:** Please be aware that an update in some circumstance may require ten minutes or more to complete.

---

After uncompressing the file you will see a xxxxxxxx.bdl file.

1. Open an Internet Browser Window.
2. Enter the IP address in the URL line.
3. Select the **Firmware Upgrade** link from within the **Troubleshooting tab**.
4. Browse to the location that the firmware upgrade file was downloaded to, and then select the firmware file. Select the Install button to perform the upgrade.

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**NOTE:** Do not close the Browser Window or interrupt communication until the Embedded Web Server displays the Confirmation Page.

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5. Select **Restart Now** from the EWS confirmation page, or turn the product off and then on again using the power switch. The printer will not automatically reboot.

Once the printer or MFP is back online, print a Configuration Page and verify that the new firmware has been installed.

**Pre-Boot walk-up USB thumb drive:** (control panel Pre-Boot menu)

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**NOTE:** Only to be used if the printer is not able to boot to READY

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After uncompressing the file you will see a xxxxxxxx.bdl file.

1. Copy the xxxxxxxx.bdl file to a portable USB flash memory storage device (thumb drive). USB Flash Drives with a CD formatted partition may not be recognized by the printer. You may need to try a different USB flash drive.

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**NOTE:** USB Flash Drives that are not in a Fat32 format or having a CD formatted partition may not be recognized by the printer. You may need to try a different USB flash drive.

---

2. Turn the printer ON.
3. Press the **HP** logo in the middle of the screen when you see the "**1/8**" under the logo.
4. Press the Down arrow to highlight **Administrator**, and then press the OK key.
5. Press the Down arrow to highlight **Download**, and then press the OK key.
6. Insert the portable USB storage device with the xxxxxxxx.bdl file on it.

7. Press the Down arrow to highlight **USB Thumbdrive**, and then press the OK key.
  8. Press the Down arrow to highlight the xxxxxxxx.bdl file, and then press the 6 key.
- 

**NOTE:** Please make sure the firmware file is located in the root directory of the flash drive. If you have more than one .bdl file on your USB flash drive, select the file you want loaded and press OK.

Please be patient since this may take up to 10 minutes to reboot.

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9. When the message **Complete** appears on the control panel display, press the Back button several times until you see the **Continue** menu, then press the OK key.
10. The printer will continue to boot to the Ready state.

Once the printer or MFP is back online, print a Configuration Page and verify that the new firmware has been installed.

#### **Walk-up USB thumb drive:** (Standard control panel menu)

Please visit the following link to a view video on this firmware upgrade method explained below.

**YouTube:** <http://youtu.be/IOsm1Z-dbJU>

#### **Brightcove:**

<http://link.brightcove.com/services/player/bcpid1190528646001?bctid=REFIDBC3707191411001>

After uncompressing the file you will see a xxxxxxxx.bdl file.

1. Copy the xxxxxxxx.bdl file to a portable USB flash memory storage device (thumb drive).
- 

**NOTE:** USB Flash Drives that are not in a Fat32 format or having a CD formatted partition may not be recognized by the printer. You may need to try a different USB flash drive.

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2. Turn the printer ON.
3. Scroll down and select the **Device Maintenance** application.
4. Select the **USB Firmware Upgrade** menu.
5. Insert the portable USB storage device with the xxxxxxxx.bdl file on it into the USB port on the front control panel of the product.
6. Select and highlight the xxxxxxxx.bdl file you would like to use.

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**NOTE:** If there is more than one xxxxxxxx.bdl file on the storage device, make sure that you select the correct file for this product.

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7. Select the Upgrade button on the bottom of the screen.
8. Next select the Upgrade, Re-install or Downgrade depending on the task you want to complete that the firmware install will start.

When the upgrade is complete, the printer will reboot automatically.

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**NOTE:** The upgrade process may take 10 or more minutes to complete. Please do not interrupt the updating process.

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Once the printer or MFP is back online, print a Configuration Page and verify that the new firmware has been installed.

### **Web Jetadmin** (Supported with version 10.3 SR6 or newer)

Please visit [www.hp.com](http://www.hp.com) and type "Web Jet Admin" in the "Search" Box to find more information about new releases of Web Jetadmin and the release note information for those releases.

#### Upgrading Firmware:

1. Start Web Jetadmin 10.3 SR6 or newer
2. From the "Device Management" section, select "All Devices" (or the appropriate device group). An "All Devices" list will appear in the center window.
3. Find your device in the list, or type the IP address of the device in the Quick Device Discovery section in the lower-left of the screen (this will highlight your device in the device list). You can sort the device list by clicking on a column name at the top.
4. If your device list is sorted by model number, you may select multiple devices with the same model number by Control-Click or Shift-Click.
5. Right-click on the device and select "Upgrade firmware...".
6. An Upgrade Firmware window will appear. Select "Device firmware" and click "Next"
7. A list of available firmware will appear. If the correct version is listed, click "Next", and the upgrade process will start.

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**NOTE:** If the correct firmware version does not appear within the list, you will need to manually upload it into WJA. New firmware may be available on an FTP site prior to appearing on hp.com. The instructions below allow you to upload a firmware file from your local PC to WJA 10.3 SR6 or newer

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#### Uploading new firmware files into WJA:

1. Click on "Firmware/Firmware Repository" in the "Device Management" pane

2. A "Firmware Repository" window will appear in the center of the screen
3. Click on "Upload" in the upper-right of the window
4. Browse to the .bdl file on your local PC
5. Click "Upload"
6. Once the .bdl file is uploaded, go back to step 2 in the first section and complete steps 2 through 6.

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**NOTE:** Do not turn printer off during the update process! When the update process is complete, the printer will automatically reboot. If the firmware update process fails, Web JetAdmin will provide notification with a page (screen) of information regarding the reason(s) for failure. A link will be provided to attempt the process again.

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### **System Requirements**

The Firmware upgrade process requires a network or USB port connection.

### **Technical Assistance**

Some of the services below are provided for the United States only. Similar services to those listed below are available in other countries. See your printer's user guide or call your local authorized HP dealer.

### **Customer Support**

See your printer's user guide or call your local authorized HP dealer.

### **Internet**

An anonymous FTP library service is available worldwide for around-the-clock access to drivers and technical support information for HP peripheral and computer products.

Please note that paths may change without notice. Access the Internet or FTP address and use the menus to locate the software or support of your choice.

### **URL for HP Color LaserJet M651Series Support:**

URL for Support:

URL for Support:

<http://www.hp.com/go/support>

URL for Access HP: <http://www.hp.com>

FTP address: <ftp.hp.com>

Login: anonymous

Password: your Internet email address



## **Additional Information**

Refer to your printer's user guide for additional methods of obtaining software and support information, such as printer driver distribution centers other online services, fax services, and other online support.

## **Legal Statements**

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