

HP LASERJET Enterprise M607, M608 and M609 SERIES Firmware Readme

Product Name(s):

- HP LaserJet Enterprise M607n
- HP LaserJet Enterprise M607dn
- HP LaserJet Enterprise M608n
- HP LaserJet Enterprise M608dn
- HP LaserJet Enterprise M608x
- HP LaserJet Enterprise M608nk**
- HP LaserJet Enterprise M609dn
- HP LaserJet Enterprise M609dh
- HP LaserJet Enterprise M609x

Model Number(s): K0Q14A • K0Q15A • K0Q17A • K0Q18A • K0Q19A • 4QZ97A • K0Q21A • K0Q20A • K0Q22A

This document contains information for the firmware revision number:

Firmware Datecode: 20230202

Firmware Revision: 2411226_066578

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.12.0.1

****** Reminder: Dynamic security enabled printer. This Firmware includes dynamic security measures, which may prevent supplies with non-HP chips or circuitry from working now or in the future. More at: www.hp.com/go/learnaboutsupplies. (HP LaserJet Enterprise M608nk only)

Description

- What is included in the Firmware bundle?
- Who needs this firmware?
- Determining the current version level of your firmware

Enhancements and Fixes provided with this firmware revision

Enhancements and Fixes provided with the previous revision(s)

Installation Instructions

- Additional Information to know
- Using the Embedded Web Server
- Using the Walk up USB port
- Web JetAdmin

FutureSmart Level Switching Procedures

- Embedded Web Server (EWS)
- Device Control Panel
- Web JetAdmin

System Requirements

Technical Assistance

[Customer Support](#)

[Internet](#)

[Additional Information](#)

[Legal Statements](#)

-- 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.

What is included in a Firmware bundle?

The HP LaserJet printer firmware update file available from the HP 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 HP Inc. providing improved software for your HP LaserJet Printer or MFP, HP Inc. 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. Select the **Reports** application.
3. Select the **Configuration/Status Pages** menu.
4. Select the **Configuration Page** option.
5. 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: 20170407

Firmware Revision: 2403302_006075

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: 20230202

Firmware Revision: 2411226_066578

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.12.0.1

For information on HP Security Bulletins addressed by firmware releases, please

visit: <https://support.hp.com/security-bulletins>

To initiate a subscription to receive future HP Security Bulletin alerts via email,

visit: <https://www.hp.com/go/alerts>

ENHANCEMENT:

Base:

- No new updates

Security/Authentication:

- No new updates

Embedded JetDirect:

- No new updates

FIXES:

Base:

- Service Access Code gets cleared after setting Service Access Code via Web Jetadmin and configuring other settings like Certificate-Validation-URLs.

Security/Authentication:

- No new updates

Embedded JetDirect:

- No new updates

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
Firmware Datecode	20230202
Firmware Revision	2411226_066578
Embedded JetDirect	JSI24110061
DC Controller Version	4.136
HP Fleet Release Designation	FutureSmart 4.12.0.1
MD5 checksum for .bdl file	85c34fc7b1d41fe7ad52420bd0e908f0

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20220824

Firmware Revision: 2411221_066360

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.12

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ENHANCEMENT:

Base:

- No new updates

Security/Authentication:

- No new updates

Embedded JetDirect:

- No new updates

FIXES:

Base:

- A 81.09.00 error may occur during sleep and/or the printer will hang in "Initializing" when a long hostname is used.
- A 49.4A.04 error may occur when printing a PDF file with the MacOS AirPrint driver.
- A 49.38.13 error may occur when many PCL 5 print jobs are sent to a device in a short period of time.
- A 49.4A.04 or 49.38.03 error may occur when performing a Direct to PDF print job.
- The print job may not complete when printing certain PS files.
- Statistics Services may not be populating correctly when non-English languages are used.

Security/Authentication:

- The printer may fail to validate the timestamp attached to a solution BDL when using the SHA-384 hashing algorithm.

Embedded JetDirect:

- Self signed cert CN will report model name instead of the hostname.
- The HPCC onboarding process may not complete when multiple errors exist simultaneously on the device.

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
Firmware Datecode	20220824
Firmware Revision	2411221_066360
Embedded JetDirect	JSI24110061
DC Controller Version	4.136
HP Fleet Release Designation	FutureSmart 4.12
MD5 checksum for .bdl file	786376d4d9fe923bb65ab6e5237acf28

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20220204

Firmware Revision: 2411192_064682

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.11.2.3

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ENHANCEMENT:

Base:

- No new updates

Security/Authentication:

- No new updates

Embedded JetDirect:

- No new updates

FIXES:

Base:

- A 42.26.00 error may occur when printing certain PDF files with the MacOS AirPrint driver.

Security/Authentication:

- No new updates

Embedded JetDirect:

- Updated the network stack.

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
Firmware Datecode	20220204
Firmware Revision	2411192_064682
Embedded JetDirect	JSI24110052
DC Controller Version	4.136
HP Fleet Release Designation	FutureSmart 4.11.2.3
MD5 checksum for .bdl file	573dfdc3f2339e5d6c703e80a53d698

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20210729

Firmware Revision: 2411177_063743

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.11.2.1

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ENHANCEMENT:

Base:

- Printer will no longer enter into a deep sleep state when a USB accessory is connected to the printer. This will help with the USB accessories not being able to re-initialize when the printer wakes up from sleep mode.

Security/Authentication:

- No New Updates

Embedded JetDirect:

- No New Updates

FIXES:

Base:

- No New Updates

Security/Authentication:

- An authentication failure will occur due to the URI (Uniform Resource Indicator) that is sent from the web request creator is partial rather than absolute.
- *The Microsoft KB5004238 update (which includes fixes for KB5005408) will cause all smartcard authentications to fail.*

Embedded JetDirect:

- No New Updates

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LASERJET M607, M608, M609 SERIES	Firmware Datecode: 20210729 Firmware Revision: 2411177_063743
Embedded JetDirect:	JSI24110016

DC Controller Version	4.136
Optional Trays Version	4.108
HP Fleet Release Designation	Original Release FutureSmart 4.11.2.1
MD5 checksum for .bdl file	6a996c3e0596f0df7effaedbac8b0e04

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20200807

Firmware Revision: 2411097_060466

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.11.0.1

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ENHANCEMENT:

Base:

- No New Updates

Security/Authentication:

- The Embedded Web Server Security Log now provides access to device generated Syslog event information. The log stores all generated syslog event messages to an internal file that can be exported from the device EWS Security page.
- Added support for the HP Smartcard NIPRNet Solution for US Government to now authenticate automatically using the Signature or PIV-Authentication certificate. The preferred certificate for authentication is configured using the Prefer-GSC-IS over PIV card setting.

Embedded JetDirect:

- No New Updates

FIXES:

Base:

- Jobs may not get duplexed when media is loaded short edge feed in certain cases.
- The Date and Time stamp within the Service Event logs can be different compared to the actual time, depending upon the time zone the printer is set to.
- The device status of "Printer is low on toner/ink" displays in the Window's printer spooler when a long-life consumable, such as an image drum or fuser, is in a low status.
- 49.4A.04 error may occur intermittently when printing from certain types of customized applications.
- Some media type strings are displayed incorrectly in Japanese language.
- If an export file is created with the Import/Export feature where the "Local quota and job accounting settings" is checked and the "Local Quota" setting in the Embedded Web Server (EWS) is disabled (EWS > General > Quota Settings > Local Quota) then the "Local Quota" setting in the EWS will no longer be available in the EWS after the import.
- A device administrator may be unable to access secured Embedded Web Server features when a third-party Authorization proxy is registered.
- Card Reader may fail after a power cycle and will require the device to be registered again before it works.
- A 49.4A.04 error may occur when printing certain types of PostScript files.
- The Job Log does not display the full name of a Printed job.

Security/Authentication:

- An intermittent 33.05.18 Security Alert may occur during a device power cycle.
- LDAP with secure connection fails on server with Channel Binding enabled.
- A corresponding Event Log entry is not created when a Syslog event message is sent for a Potential Intrusion Detection event.

Embedded JetDirect:

- The device may become unresponsive in the morning or after long idle periods which will require a power cycle.
- The Current Settings page when printed in the Polish language is using incorrect structure and words.
- The connection screen in Polish language is not localized correctly.
- Web JetAdmin and HP Security Manager can't remediate SNMPv1/2 credentials when WiFi Direct is enabled.
- The Remote Control Panel feature will not load properly when using a Remote Embedded Web Server session over a Cloud Connected, Virtual JetAdvantage Management Connector (VJAMc), device.

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LASERJET M607, M608, M609 SERIES	Firmware Datecode: 20200807

	Firmware Revision: 2411097_060466
Embedded JetDirect:	JSI24110014
DC Controller Version	4.136
Optional Trays Version	4.108
HP Fleet Release Designation	Original Release FutureSmart 4.11.0.1
MD5 checksum for .bdl file	4791d35836dcfaaffe3ffb955854a2e

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20200205

Firmware Revision: 2410035_055359

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.10.0.1

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ENHANCEMENT:

Base:

- No New Updates

Security/Authentication:

- No New Updates

Embedded JetDirect:

- No New Updates

FIXES:

Base:

- Several PrintMarkerStatus supply OIDs are missing after upgrade to FutureSmart Firmware Bundle version 4.10.

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 LASERJET M607, M608, M609 SERIES	Firmware Datecode: 20200205 Firmware Revision: 2410035_055359
Embedded JetDirect:	JSI24100003
DC Controller Version	4.133
Optional Trays Version	4.108
HP Fleet Release Designation	Original Release FutureSmart 4.10.0.1
MD5 checksum for .bdl file	7ac97b58447e2cb9b5dc420c76243429

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20191224

Firmware Revision: 2410028_055009

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.10

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ENHANCEMENT:

Base:

- Import and export functionality was extended to include more settings: Home Screen, Job apps, Contacts, Accounts and permissions, Energy/sleep, Local quota and Job accounting settings, and Manage trays settings.

Security/Authentication:

- The default setting for "Allow firmware updates sent as print jobs (Port 9100)" has changed to Disabled (previously Enabled).

Embedded JetDirect:

- Added the SLP keep alive setting to the Embedded Web Server's Networking Settings menu.

FIXES:

Base:

- Unable to use an Alternate Login when Enable Pre Prompt Check is Enabled for the Default Login Method.
- Monochrome print jobs may not be restricted properly based upon the available quota credits when the Local Quota Service is enabled.
- JetAdvantage Link Apps are presented to the user in the incorrect language when device language is set to Norwegian.
- Slower than expected print speeds may occur when printing PDF files at 1200dpi with the HP Universal Printer Driver PostScript.
- A "LOCALIZATION ERROR" occurs after upgrading from FutureSmart 3 and changing any setting within the Embedded Web Server's Copy/Print>Default Print Options menu.
- The device status of "Printer is low on toner/ink" displays in the Window's printer spooler when a long-life consumable, such as an image drum or fuser, is in a low status.
- The Print List button to print a list of all the stored jobs in translated incorrectly in German.

Security/Authentication:

- No New Updates

Embedded JetDirect:

- A Back up and Restore will fail to complete successfully if an administrator first accesses the HP Webservices Smart Cloud Tab within the Embedded Web Server.
- SNMPv3 fails to respond when the device is in a power save mode with certain configuration options being set.

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LASERJET M607, M608, M609 SERIES	Firmware Datecode: 20191224 Firmware Revision: 2410028_055009
Embedded JetDirect:	JSI24100002
DC Controller Version	4.133
Optional Trays Version	4.108
HP Fleet Release Designation	Original Release FutureSmart 4.10
MD5 checksum for .bdl file	a54f1136b2d19d6fb842f6bcfac7a221

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20191116

Firmware Revision: 2409065_000063

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.9.0.2

ENHANCEMENT:

Base:

- No New Updates

Security/Authentication:

- No New Updates

Embedded JetDirect:

- No New Updates

FIXES:

Base:

- Duplicate I/O Filters will be generated on every power cycle which may cause intermittent failures or inconsistent behaviors within the device. The duplicate I/O Filters can be seen on the Configuration page, under the Installed Personalities and Options section.

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 LASERJET M607, M608, M609 SERIES	Firmware Datecode: 20191116 Firmware Revision: 2409065_000063
Embedded JetDirect:	JSI24090014
DC Controller Version	4.133
Optional Trays Version	4.108
HP Fleet Release Designation	Original Release FutureSmart 4.9.0.2
MD5 checksum for .bdl file	6ff3573e6a364182134e79b4baf484ac

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20190916

Firmware Revision: 2409048_052892

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.9

ENHANCEMENT:

Base:

- Added the ability to process Print, Copy, Scan and Stored jobs simultaneously when Serverless Job Accounting is enabled.
- Added a "Grand Total" row on the Usage Page to sum up the Print, Copy and Fax Equivalent Impressions for Letter/A4 pages.
- Job Accounting performance improvements have been made which modifies the database to return the records in a "Last-In-First-Out" (LIFO) format.
- Added the ability to allow the printer to wake from sleep/standby mode when swiping a digital badge on an attached security card reader.
- Added the ability to schedule a restart under the Embedded Web Server (EWS) Troubleshooting menu to allow users to restart a device at a specific time and frequency.

Security/Authentication:

- No New Updates

Embedded JetDirect:

- Increased the number of allowable IPv4 addresses within the Access Control List (ACL) to 20 entries.

FIXES:

Base:

- The Copy, Scan or Print functionality may still be accessible while a user is signing out of the device.
- Certain PDF files may print slower than anticipated from the Apple Preview application using the Apple Airprint driver in macOS 10.13 and macOS 10.14.
- A 49.DE.15 low memory error may occur due to a caching issue when logging In and Out of some third party solutions.
- The Embedded Web Server (EWS) permissions are being grayed out when an OXPd authentication agent proxy is configured.
- A 49.38.03 error may occur in certain conditions while sending back to back print jobs when a tray is empty.

Security/Authentication:

- The Authorization Agent registration may fail when the Embedded Web Server (EWS) Access Control "Device Guest" has permissions enabled.

Embedded JetDirect:

- Incorrect characters are displayed on the Network Configuration Page when the control panel is set to Czech or other Latin languages.
- Slow printing may occur when performing direct-PDF printing and when printing certain file types within the Macintosh environment.
- Pages may be missing and not printed when IPP/IPPS jobs are sent in rapid succession.
- The device may become unresponsive in the morning or after long idle periods which will require a power cycle.

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LASERJET M607, M608, M609 SERIES	Firmware Datecode: 20190916 Firmware Revision: 2409048_052892
Embedded JetDirect:	JSI24090012
DC Controller Version	4.133
Optional Trays Version	4.108
HP Fleet Release Designation	Original Release FutureSmart 4.9
MD5 checksum for .bdl file	813e450488dd6f0e6dcdda98347154a6

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20190614

Firmware Revision: 2408067_049153

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.8

ENHANCEMENT:

Base:

- Added the ability to change the font color and effects to improve readability in Home Screen applications.
- Enabled the following Diffie-Hellman ciphers: DHE-RSA-AES256-GCM-SHA384, DHE-RSA-AES256-SHA256, DHE-RSA-AES256-SHA, DHE-RSA-AES128-GCM-SHA256, DHE-RSA-AES128-SHA256, DHE-RSA-AES128-SHA

Security/Authentication:

- Added middleware support for SafeNet AT SC650 v4.1t smartcard.

Embedded JetDirect:

- No New Updates

FIXES:

Base:

- Entering a PIN number for a stored job will unlock stored Jobs of another user with the same PIN number.
- The Cancel button is not correctly notifying authentication solutions at sign-in when user presses the cancel button.
- Jobs may not get duplexed when media is loaded short edge feed in certain cases.
- HP Web JetAdmin might not be able to correctly identify the printer within its firmware repository.
- The pin field pops up on the control panel after a card is inserted with certain Smartcard solutions.
- Certain color PDF documents do not print correctly when using the UPD driver.
- When printing certain PDF files, the printer may output random characters or the actual PDF print code rather than the PDF file as expected.
- Jobs get cancelled immediately instead of waiting for the inactivity timer if the menu item "Delete job on unattended errors" is enabled.

- Not able to log in to the printer if the Sign in button is pressed before using a card authentication method.
- Barcodes are not printed properly in some documents during direct PDF printing.
- An incorrect translation occurs when registering your device to the Google Cloud Print server.
- LDAP access requests using SSL with CA certificates fail.

Security/Authentication:

- Unhandled exception causes device to crash with 49.38.07 error immediately after Windows authentication.
- Safenet AT SC650 v4.1 card Smart Card: unique provisioning method prevents the middleware from finding the certificates.
- A CA signed ID certificate is replaced with a printer generated self-signed ID certificate when upgrading from FutureSmart 4.5.6 (or newer) to FutureSmart 4.7.3 (or older).
- An Insufficient Permissions dialog appearing with cancelled authentication attempts when PostPromptResultCode.Canceled is set
- "The default settings for the TLS 1.0 / TLS 1.1 (Transport Layer Security) protocol changed to Disabled (previously Enabled).
IMPORTANT NOTE: TLS 1.0 may need to be enabled / re-enabled to be compatible with some HP and 3rd party solutions and legacy web browsers".
- CVE-2019-6334 - Solution application signature checking may allow potential execution of arbitrary code.

Embedded JetDirect:

- IPv6 DHCP request packet contains a null Identity Association (IA). This works with the RFC and MS servers, but QIP servers do not handle this well.
- A stapled document will hang the printer when printing through the Google Cloud print solution.
- The default paper size may be incorrect when using the Google Cloud Print Driver.
- Jobs may not print when sending data over the 9100 port and the printer is in an idle state.
- UDP port 500 responds with an "Informational" packet even though no IPsec rules are defined.
- Some IP addresses are being mistakenly interpreted as multicast addresses by the IPsec/Firewall feature.

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LASERJET M607, M608, M609 SERIES	Firmware Datecode: 20190614

	Firmware Revision: 2408067_049153
Embedded JetDirect:	JSI24080014
DC Controller Version	4.130
Optional Trays Version	4.108
HP Fleet Release Designation	Original Release FutureSmart 4.8
MD5 checksum for .bdl file	316b110deef3cdbcc584f47c137ea8dd

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20190116

Firmware Revision: 2407081_000596

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.7.0.1

ENHANCEMENT:

Base:

- No New Updates

Security/Authentication:

- New security check will prevent installation of non-compliant aftermarket solution bundles. Currently installed solutions are unaffected. Please work with solution providers for an updated signature-compliant version of their software.

Embedded JetDirect:

- No New Updates

FIXES:

Base:

- A 49.DE.05 Webkit encountered a fatal error, unable to recover error message may be observed when performing functions on the control panel with a pull-print solution installed.
- An invalid 33.05.21 Security Alert error occurs when waking device from sleep mode by opening the automatic document feeder.

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 LASERJET M607, M608, M609 SERIES	Firmware Datecode: 20190116 Firmware Revision: 2407081_000596
Embedded JetDirect:	JSI24070006
DC Controller Version	4.130
Optional Trays Version	4.108
HP Fleet Release Designation	Original Release FutureSmart 4.7.0.1
MD5 checksum for .bdl file	d347c75803e8b607e5d5edbd77e31124

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20181130

Firmware Revision: 2407071_037955

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.7

ENHANCEMENT:

Base:

- Added an option in EWS to remove the job cancel button (red X) on the control panel.
- The feature once enable would allow users to cancel A3 jobs on A4 printers, mainly targeted for Pull printing customers
- Added the ability to be able to suppress the Remote Control Panel screen at the control panel.
- Added a check box selection next to the file name in the Print from Job Storage menu to allow end users to select one or more files to be include in a job.
- Added a job masking feature to the Print from Job Storage application which prevents jobs that are password or PIN protected from showing up on the print jobs list. The end user must first enter the password or PIN number to access protected jobs.
- Added the capability to create and enforce Local Quota for Server-Less Job Accounting that allow/limit/deny usage based on User Access Code.

- Added the ability to cancel all pending jobs at once. An access control setting "Details or Cancel any User's job" allows this to be restricted to logged-in users or administrators only.
- Added "Enable PS privileged operators" setting in the EWS Security/General Tab. When disabled (the default) the PostScript administrative passwords "SystemParamsPassword" and "StartJobPassword" are disabled and cannot be set. Any PS operator requiring these administrative passwords will not execute and return an error. When enabled both passwords default to "0" (zero) and can be set separately to an alphanumeric value.
- Add the ability to use an IP address in the IPPS configuration with HTTPS
- Added a feature that allows configuring the complexity for SNMPv3 Passphrase Authentication and Privacy Protocols.
- Added the ability to Hide or Show the Help Menus on the front control panel.
- Added the ability to reset Job Statistics from the Control Panel and print the Job Statistics report from the Control Panel and EWS (/w Admin Credentials) for Server-less Job Accounting.
- Added performance modification that reduces time to authenticate with a badge swipe.
- Added French and Spanish language support to the HP Accessibility Assistant.
- Improved the time it takes for the printer to boot to a Ready state from the powered off state. This change also reduced the amount of time it takes to get the first page out for a copy or print job just after turning on the device.
- The Network Time Protocol server setting within the Embedded Web Server will no longer get auto deleted when the server cannot be reached after a few days.
- Added support to resolve "CWE-693 Protection Mechanism Failure" by providing "Strict-Transport-Security", "Content-Security-Policy" and "X-Content-Type-Options" HTTP security header support.

Security/Authentication:

- No New Updates

Embedded JetDirect:

- No New Updates

FIXES:

Base:

- Changing the "Use Requested Tray" setting will not stick if the Access control menu "Ability to modify tray size and type settings" are locked even if you are signed in as an Administrator.

- You may see the Data Received Warning and then a very long pause between jobs when trying to send direct PDF file over a USB connection.
- A LOCALIZATION ERROR may occur when applying default print options settings on the M607, M608, or M609 printers with a 2.7" control panel and an attached output device.
- Certain barcode fonts do not print correctly when Direct PDF printing.
- Jobs may not resume printing when a paper out condition occurs after loading the tray with A6 media and setting the tray to AnySize/AnyType.
- The "PJM Drive Access - Enable/Disable" setting is not retained after a power cycle when changes to that setting is made within Web JetAdmin.
- A 46.21.1F, 42.26.00, 46.21.5D or 46.21.45 errors may be seen intermittently when the device is printing.
- The Time format within the Embedded Web Server and on the control panel will change from a 24 Hour Clock to a 12 Hour clock after a power cycle.
- A delay in printing may be seen after first power on when comparing the same activity with previous versions of firmware
- A 48.A1.01 error can intermittently occur when connected to a critical-client job accounting solution because a job was not properly marked as acknowledged. HP recommends unsubscribing/re-subscribing the job accounting solution after installing this firmware to ensure all legacy un-acknowledged jobs have been properly marked in the system.
- Barcodes generated with Code 128 font are not readable in certain conditions.
- A 49.38.0C error may occur when the printer is in a "Paper Out" condition and an IPDS print job is received.
- A Print job will not resume to print in certain conditions after clearing the bin due to a bin full event.
- Certain files may print slower after upgrading to FutureSmart Bundle Version 4.6.2 or 4.6.2.1.
- A badge reader solution may become non-functional when swiping a badge during an error condition.
- Unable to print multiple copies when using Personal Job with Encryption (with password) and the PostScript UPD drivers.
- Certain PDF's which contain masks with 1 bit per color components and have been created from scanned image may print slowly.
- Storing a Person Job within the drivers Job Storage feature may take more time then compared to a FutureSmart 3 device.
- Some SmartCard solutions may fail to communicate with the card reader properly causing the authentication dialog window to not appear.
- The device may hang and not print when using and IPDS solutions installed for printing from an IBM Host system.
- A 49 error is seen when upgrading firmware from FutureSmart 3 to FutureSmart 4 when keyboard layout is set to Portuguese ABNT2.
- A 49.38.11 may be seen on the control panel when printing emails with special characters.

Security/Authentication:

- Authentication agent Sign-In performance may be slow when using an aftermarket solution.
- A user's domain account may get locked out prematurely when attempting to log in at the printer due to entering an incorrect Windows domain credential.
- CVE-2015-9251: jQuery before version 1.12.0 and 3.0.0 may be vulnerable to Cross-site Scripting (XSS) attacks.
- The Embedded Web Server>Security>Access Control sign-in method for the HP AC Secure Pull Print button was reset to "Local Device" from "HPAC - DRA Server" following an upgrade from FutureSmart firmware version 3.8 to 4.5.4.
- Enabling or Disabling the Restrict Color feature within the Embedded Web Server will not work if there is a leading or trailing space in the application name coming from the PJI Jobacct info in the driver.
- Print jobs sent to the device using the HP Universal Printer Driver will print in color when the Device Guest does not have the Print in Color permission and the users cannot select an Alternate Sign In Methods.
- Under certain circumstances the SIPR/NIPR card reader would go offline and require power cycle.
- A 403 error may occur on the control panel or solution server when using a non-default administrator role with an aftermarket solution.
- CVE-2018-5923 - Solution application signature checking may allow potential execution of arbitrary code.

Embedded JetDirect:

- Some solutions may take longer to retrieve the list of jobs by enabling session caching for the IP address in addition to host name-based caching.
- The device may lose network connection after re-negotiating the link speed.
- The Jetdirect 3000w may not be recognized by products localized in the Japanese language.
- A communication error will be seen when enabling ePrint on a device set to the Norwegian language.
- An 81.09.00 error may occur with certain HP AC authentication use cases involving multiple servers behind a network load balancer.
- An association/authentication problem with the Jetdirect 2900nw and a wireless network may be seen when 802.11r fast roaming is enabled.
- An HTTP error 400 "Bad Request" may be seen when user tries to configure the Jetdirect 2700w in the Embedded Web Server.
- Manual configuration settings may not be reported properly on the network configuration page when the network is disconnected.

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LASERJET M607, M608, M609 SERIES	Firmware Datecode: 20181130

	Firmware Revision: 2407071_037955
Embedded JetDirect:	JSI24070006
DC Controller Version	4.130
Optional Trays Version	4.108
HP Fleet Release Designation	Original Release FutureSmart 4.7
MD5 checksum for .bdl file	c683c12b8c016ec7abd22b898a6f200c

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20180510

Firmware Revision: 2406048_029638

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.6.0.1

ENHANCEMENT:

Base:

- An additional field is added in EWS to configure the Custom media type to True/False for asymmetric media type. This setting when enabled, determines if Alternative Letterhead Mode when enabled, should be applied on this specific User defined media type or not.
- Added ability to disable the default SNMPv3 passphrase complexity.
- Added Embedded Job Accounting with Statistics functionality - a simple server-less embedded solution that provides ability to track, report and account for individual use via PIN on the MFP and via HP UPD.
- Added ability to configure, through permissions on the EWS access control page, to force a sign in before any functionality can be accessed. This is done by restricting the guest user from being able to access all items in the list. When a product has been configured this way, users need to sign in before the home screen will display.
- Stacking of pages within a staple job sometimes is not optimal for the upper bin of the Multi Bin Mailbox. A feature has been added in the following menu to help with staple job alignment: Stapled Job Alignment \ Standard or Improved (slower).
- Added a status popup on UI with "cancel" button while waiting for the quota server to respond.
- Added support for HP Accessibility Assistant Accessory.
- Improvements made to USB firmware download time. It can be seen on the next upgrade after installing Future Smart Bundle Version 4.6 or greater.
- For A4 devices that have an accessory with a fixed position stapler attached, a new menu item will appear in the administration menu to staple at the 'top-left'. By default, the value is 'fastest' to preserve existing behavior where on these devices documents printed/copied in landscape with stapling have it applied to the top-right corner. If changing the setting to 'top-left', the device will reboot for this enhancement to take effect. When used, a user's landscape

printed/copied document will output in reverse order using the duplexer as well so that the staple can be affixed to the top-left. The job may take longer to complete because of the need to spool the entire job as well as forced use of the duplexer. The staple prongs will also face forward as well.

Security/Authentication:

- Increased number of certificates allowed in the certificate store to 200.
- Added additional security measures to Cross-site Request Forgery (CSRF) prevention feature that may affect installation or configuration of new or previously installed Level 1 extensibility solution bundles. Temporarily disabling the CSRF feature may be required to complete installing and configuring these solutions.

Embedded JetDirect:

- Added patch method for SNMP configuration.
- Updated certificates for Google Cloud Print.

FIXES:

Base:

- Fixed a defect where certain Direct PDF printing causes middle of page to no longer be gradient.
- Fixed a defect where the printer might report itself with the wrong model speed in the driver or OID value, even though the printer prints and copies at correct speed.
- Fixed a defect where time/clock may be off by one hour in southern hemisphere time zones
- Fixed a defect where when printing from Mac OSX High Sierra, error "undefinedresult, OFFENDING COMMAND" is seen.
- The SNMP OID prtMarkerProcessColorants (.1.3.6.1.2.1.43.10.2.1.6) now contains values which are appropriate for monochrome devices.
- Fixed a defect where a 49.38.07 error is seen when Alternative Letterhead Mode (ALM) is enabled and a PCL5 print job is sent to the printer that includes Paper Size and Tray Source but no Paper Type command, with Tray set to Preprinted (or Letterhead).
- Improvements made to reduce the time taken to sign in an authenticated user.
- Fixed a defect where Quiet Mode set to Automatic Transition for 10 pages may cause duplex copy job to hang.
- Fixed a defect where a 49.38.07 error is seen under certain circumstances when printing from Tray1.
- Fixed a defect where Image Registration values weren't incrementing completely when the control panel language is set to other languages than English.

- Fixed a defect where a 49.38.07 error may be seen or internal pages may not print if there is a prompt to load Letter Any in tray one when printing internal pages.
- Fixed a defect where we were unable to print certain PDFs from USB.
- Fixed a defect where when printing multiple raw direct print PDF files through an SAP print queue only first PDF is printed at the device.
- Fixed a defect where a 42.26.00 error was seen when printing certain files through direct PDF print path.
- Fixed a defect where device may not wake up from sleep after sleeping for a long period of time. Control panel will be dim and unresponsive.
- On the initial setup screen, the Time Zone drop down menu has been placed before the selection for the Hours: Minutes.
- Fixed a defect where a 49.DE.11 error may be presented on the control panel when retrieving stored jobs or performing other activities with the fax functionality.
- Fixed a defect where an error is seen on EWS while changing the printer's Image registration values for trays when device language is set to non-English.
- Fixed a defect where slowdown in print speeds on Letter/A4 media sizes was seen when printing greater than 100 continuous pages due to increased internal temperature of the device.
- Fixed a defect where the printable "Current Settings" page did not correctly represent the established value for 'Auto Off After Sleep'.
- Fixed a defect where a 49 error is seen when upgrading from FS3 to FS4 firmware with stored jobs on device.
- Fixed a defect where a printed cleaning page is seen in the middle of a print or copy job.
- Fixed a defect where Maintenance Kit displayed the incorrect part number in EWS, printed supplies pages and other remote monitoring tools.
- Fixed a defect where it would prevent a proximity card reader from properly communicating with the printer running solutions using OXPd 1.7-based authentication.

Security/Authentication:

- The EWS page for setting up Smart Card authentication was changed to indicate that hostnames for authentication servers need to be entered, not "Trusted Domains".
- Removed individual sign-in methods for the Embedded Web Server (EWS) permissions in the Access Control page under the Security tab in the embedded web server. These controls offered no advantage since access is determined by the initial sign-in to the embedded web server. The default sign-in method for the EWS remains if wanting to change the sign-in prompt to for example request Windows or LDAP authentication instead.
- Fixed a PjL directory traversal issue that allows read-only access to the root directory.
- Fixed security defect CVE-2017-15361 ROCA- Vulnerable RSA generation (TPM only).

Embedded JetDirect:

- Fixed a defect where setting the OID npSecurityEncryptedDot1xPassword with empty string to clear password was returning a "wrong value" error.
- Fixed a defect where Cisco "ARP Proxy" feature was causing devices to decline the DHCP offer.
- Fixed a defect where Syslog Priority setting was not filtering properly. The fix restores proper operation. CCC events will still be reported regardless of priority when the "Enhanced security event logging" option is selected.
- Fixed a defect where only one stored IPP/IPPS print job was allowed at a time.
- Fixed a defect where Wireless option is not showing under Information tab.
- Fixed a defect where network connection is lost when forced to downshift due to poor quality signal.
- Fixed a defect where Jetdirect configuration page layout for Japanese (and other 2-byte languages) is unreadable.

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LASERJET M607, M608, M609 SERIES	Firmware Datecode: 20180510 Firmware Revision: 2406048_029638
Embedded JetDirect:	JSI24060004
DC Controller Version	4.126
Optional Trays Version	4.108
HP Fleet Release Designation	Original Release FutureSmart 4.6.0.1
MD5 checksum for .bdl file	9911ab874d4085911a69b930567ab5cc

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20171208

Firmware Revision: 2405135_000377

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.5.0.1

ENHANCEMENT:

Base:

- No New Updates

Security/Authentication:

- No New Updates

Embedded JetDirect:

- No New Updates

FIXES:

Base:

- Printed images may appear darker than expected compared to other Enterprise mono Laserjets.

Security/Authentication:

- This firmware disables the "TFTP Configuration File" setting to prevent unauthorized device resets.
- This firmware addresses the following security issues: CVE-2017-13077: Reinstallation of the pairwise encryption key (PTK-TK) in the 4-way handshake. CVE-2017-13078: Reinstallation of the group key (GTK) in the 4-way handshake. CVE-2017-13079: Reinstallation of the integrity group key (IGTK) in the 4-way handshake. CVE-2017-13080: Reinstallation of the group key (GTK) in the group key handshake. CVE-2017-13081: Reinstallation of the integrity group key (IGTK) in the group key handshake.

Embedded JetDirect:

- Printer is showing offline after registering to Google Cloud Print.

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LASERJET M607, M608, M609 SERIES	Firmware Datecode: 20171208 Firmware Revision: 2405135_000377
Embedded JetDirect:	JSI24050147
DC Controller Version	4.122
Optional Trays Version	4.108
HP Fleet Release Designation	Original Release FutureSmart 4.5.0.1
MD5 checksum for .bdl file	75b17ae15814e035f79d964d3c99c26b

Enhancements and Fixes provided with this Firmware revision

The following new functionality or features are provided by this firmware release:
Firmware Datecode: 20171102

Firmware Revision: 2405130_000069

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.5

ENHANCEMENT:

Base:

- Added two new features to improve the private and usability of retrieving stored jobs. Administrators can define what users first see when entering the "Print from Job Storage" application. Administrators have a new setting in the embedded web server under "Security" [Tab] -> "Protect Stored Data" [Menu] -> "Managed Stored Jobs" [Section] called "Behavior when users are authenticated. If "Assist users to their jobs" is selected, users entering the application will immediately see their jobs provided a folder exists by their username (default behavior in the print driver when sending jobs). Administrators will also note a new permission that is not activated by default in the embedded web server under "Security" [Tab] -> "Access Control" [Menu] -> "Sign In and Permission Policies" [Section] -> "Print from Job Storage application" [Control Panel Permission] for "Other Users' Jobs and Folders". If removing the permissions (e.g. for "Guest" and "Device User") a regular user will only be able to see their or guest jobs.
- Job log size was increased.
- Ability to schedule and perform a HDD clean via an internal schedule set by XTP tickets.
- Added a "3 days" setting in Temporary/Standard Stored Job Retention.
- Added support for Chinese, Japanese, Korean keyboards.
- Detailed status on the state of job is shown in Job Details for Active Jobs and Completed jobs.
- New Web Print Platform (WPP) architecture designed to address issues with current architecture. Supports many services in addition to ePrint. Provides simplified printer registration protocol for improved reliability. Supports web sockets tunnel infrastructure as alternative to XMPP and HTTP signaling for notifications.
- Added the ability to disable the "Shop for Supplies" links in the embedded web server.
- Increased the number of border colors to choose from for the Welcome message that can be displayed at the control panel.
- On the soft keyboard that is displayed on all Future Smart 4 device control panels, the location of the backslash "\\" character has moved to make it faster and easier to access.
- Support included for Hebrew and Arabic on the device's Control Panel.
- Added support for German Swiss characters and symbols to the virtual keyboard.
- The Backup and Restore feature has been expanded to include JDI settings. Additionally, this feature has been expanded to allow creating a backup file and restoring that file to another device of the same model and firmware version as the backup file.
- Role-Based Access to EWS provides ability to limit access to EWS items via defined roles.

- Added the ability within the Embedded Web Server Remote Control Panel to press and hold down your mouse key over the virtual keyboard to show alternative or optional characters.
- The Quick View feature is now supported and it may help increase print speed with PDF files that have been created by scanning the content with high compression on a Multifunction Product. The following steps need to be performed to take advantage of this feature:
 1. Install the PCL 6 HP Universal Print Driver Version 6.4.1 or greater.
 2. After the printer driver is connected to the printer the drivers Automatic Configuration feature must be performed. This setting can be found in the Device Settings Tab.
 3. Lastly select "Quick View" from the Print Quality drop down option found in the drivers Printing Preferences to ensure that the feature is used while printing.
- A reboot warning will be displayed after performing a Restore in the Embedded Web Server.

Security/Authentication:

- Secure by Default Initiative: This firmware introduces updated security settings defaults to increase out-of-box security and reduce the device security attack surface. The updated security settings and defaults are:
 - SNMPv1/v2: Read-only access (previously Read-write access)
 - PJI/PS File System Access Settings: Disabled (previously enabled)
 - PJI Device Access Commands: Disabled (previously enabled)
 - Encryption Strength: RC4 and 3DES cipher suites Disabled (previously Enabled)
 - Minimum password Length and Complexity: Enabled (new Future Smart 4 feature) Administrative password Lockout: Enabled (new Future Smart 4 feature)
 - Cross-Site Request Forgery Prevention: Enabled (new Future Smart 4 feature)

Note: Updating to this firmware version from Future Smart 3 bundles or Future Smart 4 bundles before version 4.5 will not update the security settings to the new defaults. Performing a Reset Factory Settings, Format Disk or Partial Clean command will update the security settings to the new defaults, overwriting any previously configured setting.

Devices with Future Smart 4.5 out-of-the-box, or upgraded Future Smart 4.5 devices which have been factory reset, will have new security standards, such as SNMPv1/v2 set to read-only. In order to be able to configure those devices HP Web Jetadmin 10.4r2 with FP6 or higher is required. FP6 and HP Web Jetadmin 10.4SR3 (bundled with FP6) will be released end of November 2017. Security Manager V3.1, releasing mid-November 2017, is also required to manage some of the new security settings/behaviors."

- HP Connection Inspector is a new embedded security feature that detects a network attack using DNS Network Anomaly Detection

algorithms. It ensures that devices are not trying to connect to Malware Command and Control Centers on the Internet. When a Network Anomaly is detected the device will enter a DNS protected mode preventing unknown DNS requests. If certain parameters are exceeded, it will reboot the device to a known good condition, and provides alert notifications which can be monitored by Security Information Event Management applications, including HP ArcSight and SPLUNK.

- TLS 1.2 support for L1 solutions. This firmware provides compatible HP and 3rd party solution software the ability to support TLS 1.2 based encryption by routing outbound HTTPS connections through the Jetdirect networking interface. No partner solution changes are required to support this change.
- Support for 3072 bit and 4096 bit key lengths with RSA-based certificates NSA announced changes to the Commercial National Security Algorithm Suite (CNSS) that specify RSA key lengths should have a minimum size of 3072 bits with 4096 bits also acceptable. This firmware supports selecting 3072-bit and 4096-bit keys for self-signed certificates and certificate signing requests generated on the device. Larger key sizes for imported certificates were supported in previous firmware versions.

Embedded JetDirect:

- No New Updates

FIXES:

Base:

- The "Clearing Settings" message seems to appear for no apparent reason.
- Not able to save Moscow as your time zone within the EWS or Control Panel.
- Fixed an issue with guest user permissions during address book import/export operation.
- Messages for what you can see with the Job log through Access control is confusing.
- Not able to enter values into numeric fields using the hard keys of the control panel when set to certain localized languages
- Back Slash \ is not able to be selected on non-touch control panels even when holding down the OK button.
- Missing graphics on pages when printing certain PCL5 jobs.
- Improvements in print performance of certain types of jobs.
- Improvements in small job print performance.

Security/Authentication:

- This firmware addresses the following security issues: CVE-2017-11103 - Heimdal before 7.4 allows remote attackers to impersonate services with Orpheus' Lyre attacks.

- This firmware addresses the following security issues: CVE-2017-9765 - Integer overflow in SOAP (Simple Object Access Protocol) function allows execution of arbitrary code or Denial of Service, aka Devil's Ivy attack.
- This firmware addresses the following security issue: CVE-2017-2750 - Insecure Solution DLL Signature Validation
- Added support for G&D FIPS-201 SIPR smartcards that are provisioned without encipherment certificates.

Embedded JetDirect:

- 81.09.00 error was occurring intermittently on reboot.
- Updates to HTTPS communications for embedded aftermarket solutions.

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LASERJET M607, M608, M609 SERIES	Firmware Datecode: 20171102 Firmware Revision: 2405130_000069
Embedded JetDirect:	JSI24050132
DC Controller Version	4.122
Optional Trays Version	4.108
HP Fleet Release Designation	Original Release FutureSmart 4.5
MD5 checksum for .bdl file	598814993c86055971200bc3556596c1

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20170729

Firmware Revision: 2403322_000087

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.3.0.3

ENHANCEMENT:

Base:

- No New Updates

Security/Authentication:

- No New Updates

Embedded JetDirect:

- No New Updates

FIXES:

Base:

- No New Updates

Security/Authentication:

- This firmware addresses the following security issues: CVE-2017-11103 - Heimdal before 7.4 allows remote attackers to impersonate services with Orpheus' Lyre attacks.

Embedded JetDirect:

- No New Updates

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LASERJET M607, M608, M609 SERIES	Firmware Datecode: 20170729
HP LASERJET MANAGED E600xx SERIES	Firmware Revision: 2403322_000087
Embedded JetDirect:	JSI24r10033
DC Controller Version	4.121
Optional Trays Version	4.108
HP Fleet Release Designation	Original Release FutureSmart 4.3.0.3

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20170526

Firmware Revision: 2403317_000027

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.3.0.2

ENHANCEMENT:

Base:

- No New Updates

Security/Authentication:

- No New Updates

Embedded JetDirect:

- No New Updates

FIXES:

Base:

- You may see slow printing when a long duration of consecutive duplexed jobs are printed.
- Changes were made with line widths to maintain halftone print quality
- Not able to enter values into numeric fields using the hard keys of the control panel when set to certain localized languages.

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 LASERJET M607, M608, M609 SERIES	Firmware Datecode: 20170526
HP LASERJET MANAGED E600xx SERIES	Firmware Revision: 2403317_000027
Embedded JetDirect:	JSI24r10033
DC Controller Version	4.121
Optional Trays Version	4.108
HP Fleet Release Designation	Original Release FutureSmart 4.3.0.2

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20170407

Firmware Revision: 2403302_006075

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 4.3

ENHANCEMENT:

Base:

- 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

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 LASERJET M607, M608, M609 SERIES	Firmware Datecode: 20170407
HP LASERJET MANAGED E600xx SERIES	Firmware Revision: 2403302_006075
Embedded JetDirect:	JSI24r10033
DC Controller Version	4.119
Optional Trays Version	4.108
HP Fleet Release Designation	Original Release FutureSmart 4.3

No Previous Releases -- Original Version

Installation Instructions

NOTE: Please be aware that an update in some circumstances may require 10 minutes or more to complete.

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. Select the **Reports** menu.
3. Select the **Configuration/Status Pages** menu.
4. Select the **Configuration Page** option.
5. 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: 20170407
Firmware Revision: 2403302_006075

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 LaserJet 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)

After uncompressing the file you will see a xxxxxxx.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 General tab.
4. Select **Choose File** and browse to the location that the firmware upgrade file was downloaded to, and then select the firmware file.
5. Select the **Install** button to perform the upgrade.

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

6. The printer will automatically reboot unless you are downgrading. If downgrading Firmware you will be prompted to select the Rollback option.

NOTE: Please be aware that an update in some circumstances may require 10 minutes or more to complete.

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)

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

1. Copy the xxxxxxx.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.

2. Turn the printer ON.
3. Select the **Support Tools** menu.
4. Select the **Maintenance** menu.
5. Select the **USB Firmware Upgrade** menu.
6. Insert the portable USB storage device with the xxxxxxx.bdl file on it into the USB port on the front control panel of the product.
7. Select the xxxxxxx.bdl file you would like to use.

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

8. Select the **Install** button on the bottom of the screen.
9. Select the **Upgrade, Re-install or Downgrade** option depending on the task you are performing. The firmware upload process will begin.

When the upload is complete, the printer will reboot automatically and start the upgrade process.

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

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)

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

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

1. Copy the xxxxxx.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.

2. Turn the printer ON.
3. Press the **"X"** button or middle of the Touch Screen when you see the **"1/8"** under the HP logo.
4. Press the Down arrow to highlight **Administrator**, and then press OK.
5. Press the Down arrow to highlight **Download**, and then press OK.
6. Insert the portable USB storage device with the xxxxxx.bdl file on it.
7. Press the Down arrow to highlight **USB Thumbdrive**, and then press OK.
8. Press the Down arrow to highlight the xxxxxx.bdl file, and then press OK.

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 complete.

9. When the message **Complete** appears on the control panel display, power cycle the printer.
10. The printer will start the upgrade process and will continue to boot to the Ready state.

NOTE: Please be patient since this may take up to 10 minutes to complete.

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 10.4 SR1 with FP4 or newer)

Please visit 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 10.4 SR1 with FP4 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.

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 10.4 SR1 with FP4 or newer

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.

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.

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 LaserJet M607, M608 and M609 Series and Support:

URL for Firmware downloads:

www.hp.com/support/ljM607

www.hp.com/support/ljM608

www.hp.com/support/ljM609

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.

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