HP Color LaserJet CM3530 MFP Firmware Readme

Product name(s): • HP Color LaserJet CM3530 MFP • HP Color LaserJet CM3530fs MFP
Model Number(s): CC519A, CC520A

This document contains information for the firmware revision:
Firmware Datecode: 20170825
Firmware Revision: 53.330.1
HP Fleet Release Designation: CPE 17.1 and any previous revisions if applicable.

IMPORTANT NOTE:
"This firmware version includes code signing verification functionality. Firmware signed by HP guarantees the integrity and authenticity of the code; meaning that the firmware was produced by HP (authenticity) and that the firmware has not been altered in any way (integrity). "

ATTENTION: Once this firmware has been applied to your printer or multifunction device it CANNOT BE DOWNGRADED to a firmware version earlier than 20120119 53.171.4

NOTE: ALL ENHANCEMENTS, FIXES/IMPROVEMENTS WITH PREVIOUS REVISIONS OF FIRMWARE ARE INCLUDED WITHIN THE MOST CURRENT REVISIONS. Documentation on previous releases follows information on this release.

NOTE: Since CPE 11.4 (20120301 53.180.3) onwards, a new field **'Authentication/Security'** has been added to classify embedded authentication and security related enhancements and fixes, which were classified under 'Base product' in the earlier revisions.

Description
--What is included in a Remote Firmware Bundle (RFU)?
--Who needs this firmware?
--Determining the current version level of your firmware.

Enhancements and Fixes provided with this firmware revision
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Installation Instructions
-- Updating firmware to a single device.
-- Using FTP from Internet Explorer.
-- Updating firmware using "HP Easy Firmware Upgrade" utility.
-- For Windows Systems:
  • Using Command Prompt
  • Using USB
  • Using FTP
-- For Unix Systems

-- For Macintosh Systems
- Mac OS X System Terminal Application (ftp).
- Remote firmware upgrade using HP Printer Utility.

-- Using HP Web Jet Admin 7.X or 8.X
-- Using HP Web Jet Admin 10.X

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 Remote Firmware Update (RFU)?
The HP LaserJet Printer Remote 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 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:
1. Go to the printer's or MFP's control panel.
2. Press the "Administration" Icon on the touch screen.
3. Select the "INFORMATION" selection on the touch screen.
4. Select "CONFIGURATION/STATUS PAGES".
5. Select "CONFIGURATION PAGE".
6. Select the "Print" button.

On the printed CONFIGURATION page look in the section marked "Device Information" for the firmware date code. The firmware date code will look something like this: **20040322 07.000.0**

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20170825

Firmware Revision: 53.330.1 CPE 17.1

ENHANCEMENTS:

Base Product:

> ➢ No new updates.

Embedded Digital Send:

> ➢ No new updates.

Authentication/Security:

> ➢ No new updates.

Fax:

> ➢ No new updates.

Embedded Jet Direct:

> ➢ No new updates.

FIXES OR IMPROVEMENTS:

This firmware provides fixes or improvements for following issues:

Base Product:

> ➢ No new updates.

Embedded Digital Send:

> ➢ No new updates.

Authentication/Security:

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

Fax:

> ➢ No new updates.

Embedded Jet Direct:

> ➢ No new updates.

Current firmware revisions included in this firmware bundle:
DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LJ CM3530 mfp	20170825 53.330.1
Embedded JetDirect:	V.44.00.FF
Copy Processor Board (CPB):	6.048 (0.0)
Scanner Control Board (SCB):	CHE002 4.3 (No Change)
Fax Accessory	8.6A (No Change)
DC Controller:	02.069 (28)
Formatter Boot Loader	02.11
HP Fleet Release Designation	CPE 17.1

Enhancements and Fixes provided with this Firmware revision
The following new functionality or features are provided by this firmware release:
Firmware Datecode: 20170106
Firmware Revision: 53.320.3 CPE 15.1.4

ENHANCEMENTS:

Base Product:

Embedded Digital Send:

Authentication/Security:

Fax:

Embedded Jet Direct:

FIXES OR IMPROVEMENTS:

This firmware provides fixes or improvements for following issues:

Base Product:

Embedded Digital Send:

Authentication/Security:

- CVE-2016-2108 - ANS.1 implementation errors resulting in the "negative zero" issue.

- CVE-2016-2183 – 3DES TLS/SSL Birthday Attacks on 64-bit Block Ciphers (SWEET32) Vulnerability.
    - The 3DES protocol can now be disabled by setting Encryption Strength to "High" within the "Mgmt. Protocols" page under the EWS Networking tab. The 3DES protocol will remain enabled/active if Encryption Strength is set to either "Medium" or "Low" (which is the default value).

Fax:

Embedded Jet Direct:

Current firmware revisions included in this firmware bundle:
DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LJ CM3530 mfp	20170106 53.320.3
Embedded JetDirect:	V.44.00.FF
Copy Processor Board (CPB):	6.048 (0.0)
Scanner Control Board (SCB):	CHE002 4.3 (No Change)
Fax Accessory	8.6A (No Change)
DC Controller:	02.069 (28)
Formatter Boot Loader	2.11
HP Fleet Release Designation	CPE 15.1.4

Enhancements and Fixes provided with this Firmware revision
The following new functionality or features are provided by this firmware release:
Firmware Datecode: 20151017
Firmware Revision: 53.292.2 CPE 15.1

ENHANCEMENTS:

Base Product:

➢ Added support for the J&H licensing method.

- Firmware now has the Report a problem feature enabled only through HP. Allows users to request for support from MPS via email.

- Upgraded the font library to version 7.3.

Embedded Digital Send:

- Firmware now includes the ability to lock the send to network folder address using the "Edit the Send to Folder Path" item in the EWS Authentication Manager.

Authentication/Security:

- Security issue CVE-2014-3566 – SSLv3 POODLE (Padding Oracle on Downgraded Legacy Encryption) Vulnerability has been addressed.

Fax:

- Firmware now includes the ability to disable the fax module in the EWS.

Embedded Jet Direct:

- No new updates.

FIXES OR IMPROVEMENTS:

This firmware provides fixes or improvements for following issues:

Base Product:

- Webkit tries to use TCP connections that have been closed by the remote side, which ends up with several TCP retransmissions.

- Certain fonts are not printing correctly after firmware upgrade to the version 13.3.5.

- Unable to encrypt the secure HDD through EWS.

- Unable to delete the Private Jobs from WJA.

- Error 49.4c02 is seen when accessing the Job status from control panel, when printing a Job having filename more than 20 Japanese characters.

Embedded Digital Send:

- Send to Network folder creates intermittent 0KB pdf files within dfs environment.

- Unable to resolve specified Send to Network folder path due to CIFS timeout.

Authentication/Security:

➢ No new updates.

Fax:

➢ Fax forwarded to email have file format of PDF version 1.1 which cannot be viewed in the newer versions of PDF reader.

➢ Default billing code field has some invalid characters thus not allowing users to input the billing code.

Embedded Jet Direct:

➢ If a DHCP server responds to a REQUEST with a NAK, the server will be ignored by the Jetdirect Client until it is rebooted. The NAK is sent by a server if the client requests an address that is not supported by the server; this happens if the client has moved to a new network and attempts to renew an address from the old network.

➢ Implemented DHCP option 144.

➢ Short default TTL value caused the product to use DNS lookup cache and overlook server IP address changes. This fix involved using the TTL value provided by the DNS server Instead of a fixed default.

➢ Certificates signed with an MD5 hash are no longer accepted by the product and Many popular applications. The product will automatically replace an internally generated Self-signed MD5 identity certificate with a new self-signed SHA256 identity certificate so that it maintains compatibility with current versions of popular applications.

➢ Fixed a problem where an "Invalid Credentials" error is returned for SNMPv3 I/O attempts.

Current firmware revisions included in this firmware bundle:
DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LJ CM3530 mfp	20151017 53.292.2
Embedded JetDirect:	V.43.97.FF
Copy Processor Board (CPB):	6.048 (0.0)
Scanner Control Board (SCB):	CHE002 4.3 (No Change)
Fax Accessory	8.6A (No Change)
DC Controller:	02.069 (28)
Formatter Boot Loader	2.11
HP Fleet Release Designation	CPE 15.1

Enhancements and Fixes provided with previous Firmware revision

The following new functionality or features are provided by this firmware release:
Firmware Datecode: 20141228
Firmware Revision: 53.242.8 CPE 14.2

ENHANCEMENTS:

Base Product:

➢ No new updates.

Embedded Digital Send:

➢ No new updates.

Authentication/Security:

➢ Invalid authentication attempt now introduces a delay following unsuccessful authentication attempts when accessing stored jobs that are protected with PIN.

➢ The Default PIN option is made available for PIN Printing in UPD for Non-SEP devices.

Fax:

➢ No new updates.

Embedded Jet Direct:

➢ No new updates.

FIXES OR IMPROVEMENTS:

This firmware provides fixes or improvements for following issues:

Base Product:

➢ When installing SecureJet 7.0.5 with OXPd 1.6 enabled, the device will either crash with a 49.4c02 or the solution uninstalls itself.

➢ Custom status message set through HPAC, does not interleave with "Paused" message when device is paused.

➢ 49.DFFF error is seen when printing certain PDF files that contain non-english characters (e.g. : French, Italian, or German).

➢ When printing certain PDF files, user may experience "1200 DPI banner job not printed" error on the control panel screen, missing data and delay in between pages.

- ➢ Missing characters in the Embedded JetDirect Configuration page when using Korean language.

- ➢ Intermittently hostname changes to NPIxxxx and is also set to 'Read only'.

- ➢ 49.5F11 error seen when printing from Mac OS 10.7, 10.8 and 10.9 using InDesign CS 6 application.

- ➢ Unable to set the DNS value within WJA. In this case the IP address would work however there would be no load balancing for multiple time servers.

- ➢ Device hangs when printing mixed A4/A5 jobs.

- ➢ Buzzing noise heard on the engine and multiple T1 alienation errors (59.F0) seen intermittently.

- ➢ Device crashes when using the hard reset key to stop scan.

Embedded Digital Send:

- ➢ Device sends improper DNS query when Sending to Network folder.

- ➢ Send to Email failure with Office365.

- ➢ There is a file size mismatch between the first and second pages with Job build turned on while performing digital send job.

- ➢ Scan to Email over SSL fails when using Gmail SMTP server.

Authentication/Security:

- ➢ When configuration LDAP authentication through the device EWS, some settings may not be retained if "Test" is selected to verify access before selecting "Apply".

- ➢ Device can encounter a 49.FF09 error during a Nessus vulnerability scan.

- ➢ Device can encounter a 49.FF04 error during a Nessus vulnerability scan.

- ➢ Telnet connectivity to device may be unavailable after a Nessus vulnerability scan.

Fax:

- ➢ No new updates.

Embedded Jet Direct:

- ➢ No new updates.

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LJ CM3530 mfp	20141228 53.242.8
Embedded JetDirect:	V.43.82.FF
Copy Processor Board (CPB):	6.048 (0.0)
Scanner Control Board (SCB):	CHE002 4.3 (No Change)
Fax Accessory	8.6A (No Change)
DC Controller:	02.069 (28)
Formatter Boot Loader	2.11
HP Fleet Release Designation	CPE 14.2

Enhancements and Fixes provided with previous Firmware revision

The following new functionality or features are provided by this firmware release:
Firmware Datecode: 20141010
Firmware Revision: 53.236.2 CPE 13.3.5

ENHANCEMENTS:
No new functionality or features are provided by this firmware release.

FIXES OR IMPROVEMENTS:
Fixes or improvements for the following issues are provided by this firmware release:

Authentication/Security:

> ➤ This firmware addresses the following security issue:
>   CVE-2014-0224 - SSL/TLS MITM vulnerability

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LJ CM3530 mfp	20141010 53.236.2
Embedded JetDirect:	V.43.39. IR109820
Copy Processor Board (CPB):	6.048 (0.0)
Scanner Control Board (SCB):	CHE002 4.3 (No Change)
Fax Accessory	8.6A (No Change)

DC Controller:	02.068 (27)
Formatter Boot Loader	2.11
HP Fleet Release Designation	CPE 13.3.5

Enhancements and Fixes provided with the previous Firmware revision

The following new functionality or features are provided by this firmware release:
Firmware Datecode: 20140725
Firmware Revision: 53.236.1 CPE 13.3.5
ENHANCEMENTS:
No new functionality or features are provided by this firmware release.

FIXES OR IMPROVEMENTS:
Fixes or improvements for the following issues are provided by this firmware release:

Authentication/Security:

 ➢ This firmware addresses the following security issue:
   CVE-2014-0224 - SSL/TLS MITM vulnerability

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION
COMPONENT	FIRMWARE VERSION
HP LJ CM3530 mfp	20140725 53.236.1
Embedded JetDirect:	V.43.39. IR105906
Copy Processor Board (CPB):	6.048 (0.0)
Scanner Control Board (SCB):	CHE002 4.3 (No Change)
Fax Accessory	8.6A (No Change)
DC Controller:	02.068 (27)
Formatter Boot Loader	2.11
HP Fleet Release Designation	CPE 13.3.5

Enhancements and Fixes provided with the previous Firmware revision

The following new functionality or features are provided by this firmware release:
Firmware Datecode: 20140503

Firmware Revision: 53.233.1CPE 13.3.2

ENHANCEMENTS:

Base Product:

➢ No new updates

Embedded Digital Send:

➢ No new updates.

Authentication/Security:

➢ No new updates.

Fax:

➢ No new updates.

Embedded Jet Direct:

➢ No new updates.

FIXES OR IMPROVEMENTS:

This firmware provides fixes or improvements for following issues:

Base Product:

➢ 49.4C02 errors may be seen when printing with UPD PS driver or via ftp.

➢ 49.4C06 errors may be seen when printing with UPD PS driver.

➢ 49.4C02 errors may be seen when printing certain PDF files.

➢ A 49.4C02 error may be seen when printing certain web pages.

Embedded Digital Send:

➢ No new updates.

Authentication/Security:

➢ No new updates.

Fax:

➢ No new updates

Embedded Jet Direct:

➢ No new updates

Current firmware revisions included in this firmware bundle:
DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LJ CM3530 mfp	20140503 53.233.1
Embedded JetDirect:	V.43.39.FF
Copy Processor Board (CPB):	6.048 (0.0)
Scanner Control Board (SCB):	CHE002 4.3 (No Change)
Fax Accessory	8.6A (No Change)
DC Controller:	02.068 (27)
Formatter Boot Loader	2.11
HP Fleet Release Designation	CPE 13.3.2

Enhancements and Fixes provided with previous Firmware revision

The following new functionality or features are provided by this firmware release:
Firmware Datecode: 20140127
Firmware Revision: 53.231.6 CPE 13.3

ENHANCEMENTS:

Base Product:

➢ Firmware support for new smartcard reader redesigned to fit into all version of the HIP
pocket and as a stand-alone attachment for produgts that don't have HIP.

Embedded Digital Sending:

➢ No new updates.

Authentication/Security:

➢ No new updates.

Fax:

> ➤ No new updates.

Embedded Jet Direct:

> ➤ No news updates.

FIXES OR IMPROVEMENTS:

This firmware provides fixes or improvements for following issues:

Base Product:

> ➤ Whenever a large document, which takes a long time to transmit, is scanned using OXPd 1.6 based Omtool AccuRoute and the network is congested, the scan job may fail after a few minutes.

> ➤ Connection to 9100 port hangs intermittently when sending several jobs to the device using SafeCom's Pull Print solution, SafeCom Go HP.

Embedded Digital Sending:

> ➤ Send to Network folder does not recognize "&" in the folder path.

> ➤ Scanned A4 document dimensions in TIFF file format are out of ISO standard.

> ➤ Send to Network folder does not support the symbol "|" in the password.

Authentication/Security:

> ➤ The device may crash with a 49.4C5E error if an abnormal network connectivity interruption occurs while Kerberos authentication is in progress.

> ➤ Device identity certificates installed for email signing could be deleted with an improper or incorrect certificate password.

Fax:

> ➤ No new Updates.

Embedded Jet Direct:

> ➤ Jetdirect Gigabit link speed OID reports as 100FX (fiber) rather than 1000T.

Current firmware revisions included in this firmware bundle:
DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LJ CM3530 mfp	20140127 53.231.6
Embedded JetDirect:	V.43.39.FF
Copy Processor Board (CPB):	6.048 (0.0)
Scanner Control Board (SCB):	CHE002 4.3 (No Change)
Fax Accessory	8.6A (No Change)
DC Controller:	02.068 (27)
Formatter Boot Loader	2.11
HP Fleet Release Designation	CPE 13.3

Improvements provided with previous firmware revisions:

NOTE: All improvements with previous revisions of firmware are included within the most current revision.

Enhancements and Fixes provided with this Firmware revision

The following new functionality or features are provided by this firmware release:
Firmware Datecode: 20131118
Firmware Revision: 53.222.8 CPE 13.2

ENHANCEMENTS:

Base Product:

➤ OZ devices now provide support for getting and setting paper sizes and device serial number in DSMP to enable DSS to fetch these values, instead of older SNMP method. DSS is removing all the SNMP dependencies for security reasons.

➤ Ability to remotely interact with the control panel on OZ SFPs, MFPs, Digital Senders and Document Capture Workstations.

Embedded Digital Sending:

➤ Enhanced firmware to respond cross–origin requests for OXPD 1.6 scan services.

Authentication/Security:

➢ No new Updates.

Fax:

➢ In order to meet common criteria certification, characters in Fax security PIN has been changed from 4 to 8 digits.

➢ The devices will now support embedded internet fax service.

➢ Ability to archive faxes in PDF format.

➢ Ability to configure the device to actively prompt users for the job Notification Settings after pressing start button but prior to initiating a scan.

Embedded Jet Direct:

➢ OIDs for SNMPv3 Context ID and Name are now available.

FIXES OR IMPROVEMENTS:

This firmware provides fixes or improvements for following issues:

Base Product:

➢ Booklet pages are missing when performing a multi-page copy job with AutoDetect selected.

➢ Fax and Copy icons were missing after firmware upgrade to 12.1.

➢ Russia and Venezuela time zones were off by a few hours on the devices after the newly introduced time zone changes in 2011.

Embedded Digital Sending:

➢ PML support to configure the routing of all Digital send Jobs through Jet direct card or JDI interface, when both of them are present on the MFP.

➢ DNS server is queried every minute from home screen to resolve the SMTP host which causes high Network traffic. It is now obeys TTL value of DNS server.

➢ False Send to Network Folder screen on the control panel when job build is used.

- ➢ Lan Fax and Send to folder path not verified when Alias of the server is used.

- ➢ SMTP over SSL not working with Gmail gateway.

- ➢ Send to Network folder verification fails when FQDN is not used in Network Settings.

- ➢ Download File Link does not work after exporting Email encryption certificate.

Authentication/Security:

- ➢ A 49.4c5e error may be experienced while performing Kerberos Authentication on devices that have had a 512MB Memory upgrade DIMM installed.

- ➢ Smart Card authentication could fail when performing CDP certificate revocation status lookups on servers using SHA1

Fax:

- ➢ No new Updates.

Embedded Jet Direct:

- ➢ No new Updates.

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LJ CM3530 mfp	20131118 53.222.8
Embedded JetDirect:	V.43.37.FF
Copy Processor Board (CPB):	6.048 (0.0)
Scanner Control Board (SCB):	CHE002 4.3 (No Change)
Fax Accessory	8.6A (No Change)
DC Controller:	02.068 (27)
Formatter Boot Loader	2.11
HP Fleet Release Designation	CPE 13.2

Enhancements and Fixes provided with this Firmware revision

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

Firmware Datecode: 20130604
Firmware Revision: 53.213.3 CPE 13.1

ENHANCEMENTS:

Base Product:

➢ No new updates

Embedded Digital Sending:

➢ Ability to append an Active Directory attribute value from an LDAP lookup to a base UNC path and form a new user folder path.

➢ Two new options "Same as Original" and "Rotate Backside 180 degrees" have been added to Content Orientation for Email and Send to Folder applications.

Authentication/Security:

➢ The ATA Secure Disk Erase for non-encrypted feature performs a disk hardware base overwrite erase. All data on the selected disk is permanently deleted and cannot be recovered. The ATA DISK ERASE command is available in the Bootloader menu, in the INITIALIZE DISKS section.

➢ The Printer Job Language (PJL) Device Access Command Enable/ Disable setting determines if the device accepts PJL device management commands. Clearing the checkbox disables PJL device management commands and provides additional security by preventing unauthorized modification of device settings.

➢ Support for SHA-256 hashing and AES-256 encryption introduced to meet regulatory requirements including NIST Special Publication 800-131a requiring SHA-256 hashing for digital signature generation. Passwords encrypted with AES-128 are automatically re-encrypted with AES-256 during the firmware upgrade.

➢ Support for TLS 1.1 and TLS 1.2 protocol introduced. TLS 1.2 provides enhanced security and support for SHA-256.

IMPORTANT NOTE: If TLS 1.0/SSL 3.0 is disabled, both the Client (web browser) and Server (MFP) must enable support for TLS 1.2 or EWS communication will be DISABLED. Most web browsers do NOT support TLS 1.2 by default.

IMPORTANT NOTE: No TLS 1.2 support for HP Web Jetadmin, HP Imaging & Printing Security Center and HP Digital Sending Software until Fall 2013. Disabling TLS 1.0/SSL 3.0 will disable compatibility with these solutions.

IMPORTANT NOTE: SNMP version 3 support for AES-128 and SHA-1 introduced in this firmware version. No HP Web Jetadmin support for SNMPv3 AES-128 and SHA-1 available until Fall 2013. Enabling these options will disable compatibility with HP Web Jetadmin.

Fax:

➢ No new updates

Embedded Jet Direct:

➢ Ability for MFP to self-register with DNS via RFC 2136.

➢ Up to date encryption methods implemented for MFP.

FIXES OR IMPROVEMENTS:

This firmware provides fixes or improvements for following issues:

Base Product:

➢ 49.4C02/49.4C06 service error seen in the Copy application when one of the authenticated user attributes (username, display name, department…) was longer than 66 bytes. The new limit has been increased to 100 bytes, and any longer strings will be truncated in order to avoid the service error.

➢ Error when setting DNS address in the Network Time field using Webjet Admin with 12.1 firmware.

➢ Intermittent garbage print output seen with OZ devices when printing using AKI Port monitor IPP port instead of the traditional 9100 port.

➢ OXPd 1.4.2 fails to load on clean mfp with OZ 12.1 FW

➢ Ghosting observed for Cardstock media type due to Tray 1 paper feeding not slowing down, to get higher fusing temperature, with Any/Any option selected for Size/Type.

Embedded Digital Sending:

➢ Email attachments are broken up incorrectly into smaller sizes, irrespective of specifying maximum attachment size.

➢ HELO and EHLO commands send IP address instead of domain name or server FQDN.

➢ When performing multiple jobs using a QuickSet, the Original Size of Mixed A3/A4 is not retained on the following jobs.

Authentication/Security:

  ➢ LDAP Authentication can now populate a domain field for OXPd applications that may require it. The domain name is obtained by parsing the top level of the configured LDAP search root.

Fax:

  ➢ Fax Archive email report status is not always consistent with Fax Activity Log report status.

  ➢ Device shows 49.4C02 error after disconnecting fax cable while "Answering call" message is displaying on control panel, with Fax forward option enabled.

Embedded Jet Direct:

  ➢ OXPd device discovery is limited.

  ➢ A 49.FF09 failure is encountered when the firewall is enabled.

Current firmware revisions included in this firmware bundle:
DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LJ CM3530 mfp	20130604 53.213.3
Embedded JetDirect:	V.43.30.FF
Copy Processor Board (CPB):	6.047 (0.0)
Scanner Control Board (SCB):	CHE002 4.3 (No Change)
Fax Accessory	8.6A (No Change)
DC Controller:	02.068 (27)
Formatter Boot Loader	LDR 02.11
HP Fleet Release Designation	CPE 13.1

The following new functionality or features are provided by this firmware release:
Firmware Datecode: 20121220
Firmware Revision: 53.202.4 CPE 12.2

ENHANCEMENTS:

Base Product:

➢ Provision for better diagnostics for paper jams.

➢ PML implementation for the 'PS Wait Timeout' system variable so that the value of the variable can be changed in the range 0 to 4095 according to the customer needs.

Embedded Digital Sending:

➢ No new updates

Authentication/Security:

➢ Devices are now able to use the AutoCC and Send2Me features with S/MIME encrypted send to email

➢ The device Bootloader Password now uses the more secure SHA-256 hashing algorithm when stored by the system. The password is automatically re-encrypted with SHA-256 during the firmware upgrade.

➢ Embedded authentication methods can now be configured to allow users without populated email attributes to sign in.

Fax:

➢ Ability to have a consolidated fax report with thumbnails to include all of the dialed numbers.

Embedded Jet Direct:

➢ DHCP is only negotiated at boot, not when network is connected

➢ Only certificates for root Certificate Authorities are accepted; certificates from intermediate certificates are rejected

➢ Embedded Jetdirect network code is not separately downloadable and code-signed.

FIXES OR IMPROVEMENTS:

This firmware provides fixes or improvements for following issues:

Base Product:

➢ 'Restrict Color' EWS Option does not work when printing from a MAC OS using HP MAC Print Drivers.

➢ 49.4C01 and 49.4CF0 errors after installing 11.3Plus firmware with Pharos solution stack (iMFP 2.9) for user authentication and secure pull print.

➢ On some MFPs, user is not able to restrict Color Usage with Adobe Reader 10.0. Adobe version 9.0 or below work fine.

➢ Changes made via EWS to Home Screen Layout show on the control panel initially, but lost after a reboot and revert back to previous or incorrect layout.

➢ After upgrading to 11.3 CPE, when documents embedded with PCL5 macros are sent to the printer, there is significant slowdown in print speed.

➢ 49.60AC error seen when a WJA-monitored device is rebooting, and a multiple-page, multiple-copy job is sent to it.

➢ Username and Job are not shown correctly on the Job Status option when printing from MAC OS 10.6. Instead, username shows as 'Guest' and Job as 'Untitled'.

➢ Alerts subscribed to by the device are not received when SMTP port number is changed from 25 to any other.

➢ 49.4CF0 errors with firmware version 48.131.3 (CPE 10.2) and 48.240.0B (CPE 11.3) as a result of "polling File System Password and Home Screen Applications" as part of simple device monitoring via WJA.

➢ With OXPd 1.4.9, help text is only displayed on the left side of the control panel instead of spanning the entire window.

Embedded Digital Sending:

➢ Dummy 1kb file created during send to FTP scenario is also pulled by 3rd party archiving solution.

➢ 5-8 seconds delay when accessing Email application on control panel of CM6040 and CM3530 products.

➢ MFPs sending DNS query to SMTP gateway once per minute causing intensive DNS traffic.

➢ Send to Network folder fails on MAC OS 10.7

➢ If you use space in the user name under User PIN authentication in the EWS settings, mfp displays error message.

➢ "Registration failed. Invalid credentials" message while doing send to email where settings are configured by using Web Jet Admin 10.2.62227 templates.

Authentication/Security:

> No new updates.

Fax:

> Fax Header is displaying junk characters for month value in Greek language.

Embedded Jet Direct:

> The SNMP variable to require an exact match of the 802.1x server was not settable. Setting the OID: 1.3.6.1.4.1.11.2.4.3.20.19 gives an error.

Current firmware revisions included in this firmware bundle:
DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LJ CM3530 mfp	20121220 53.202.4
Embedded JetDirect:	V.43.21.FF
Copy Processor Board (CPB):	6.046 (0.0) (No Change)
Scanner Control Board (SCB):	CHE002 4.3 (No Change)
Fax Accessory	8.6A (No Change)
DC Controller:	02.068 (27)
Formatter Boot Loader	LDR 02.11
HP Fleet Release Designation	CPE 12.2

Enhancements and Fixes provided with this Firmware revision

The following new functionality or features are provided by this firmware release:
Firmware Datecode: 20120821
Firmware Revision: 53.190.9 CPE 12.1

ENHANCEMENTS:

Base Product:

> A new Logging Infrastructure has been incorporated which could be utilized by all the components across the firmware.

> PML OID for setting Tray Registration for Tray 1 and 2 to Y1/Y2 does not work.

Embedded Digital Sending:

- ➢ Ability to change the FTP transfer mode in WJA.

- ➢ Ability to do send to email using TLS/SSL over SMTP.

- ➢ Windows Server 2008 support for MFPs in an ESNF-DFS send environment.

- ➢ Ability to encrypt and digitally send email.

Authentication/Security:

- ➢ The ATA Secure Disk Erase feature performs a Cryptographic Erase. All data on the selected disk is permanently deleted and cannot be recovered. It is available in the Security section of the EWS menus, in the Hard Drive and Mass Storage Security Settings section.

Fax:

- ➢ Ability to setup holiday exceptions for Fax Printing Schedule.

Embedded Jet Direct:

- ➢ Secure SMTP over SSL is now supported.

FIXES OR IMPROVEMENTS:
This firmware provides fixes or improvements for following issues:

Base Product:

- ➢ Multiple Instances of 49.4c02 and 49.4c06 were seen in Autosend traces.
- ➢ Occasional 49.4C02 error while trying to print a job that has recently been stored on the hard drive.
- ➢ 49.4C02 error occurs randomly when Job Storage function is used.
- ➢ Intermittent "Internal Disk Operation Failed" errors on the control panel of some MFPs.
- ➢ Documents with custom font generated by Adobe InDesign application for LanguageLevel 3 were not getting printed.
- ➢ Venezuela changed the country timezone from GMT-04:00 to GMT-04:30 as of December 2007. This change was not reflected in the EWS Time Zone options of HP LaserJet MFPs.

➢ Network Time Server settings unable to use load balancing hostname for time server.

➢ Intermittent 49.4C02 errors on MFPs.

➢ Upgrading the device to this firmware will change the "File Erase Mode" to default "Non-Secure Fast Erase" in case the "File System Password" is not set.

Embedded Digital Sending:

➢ Digital Sending page counts show incorrectly in WJA.

Authentication/Security:

➢ The "Disable Reverse DNS Lookup" option does not properly disable reverse DNS lookups for devices configured to use Kerberos Authentication and "use device user's" credentials for LDAP binds.

Fax:

➢ Authentication is required to open fax thumbnail notification sent inline via email.

➢ Control panel freeze while MFP is performing high volume sending out faxing.

Embedded Jet Direct:

➢ Encryption Strength is set incorrectly via WJA in CPE 11.3.

➢ CPE 11.3 does not send DHCP Option 12 (Hostname) on certain models.

➢ DHCP Option 61 provides an erroneous value causing DHCP client conflicts.

➢ Device Announcement Agent (DAA) accepted invalid credentials from IPSC.

Current firmware revisions included in this firmware bundle:
DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LJ CM3530 mfp	20120821 53.190.9
Embedded JetDirect:	V.43.16.FF
Copy Processor Board (CPB):	6.046 (0.0)
Scanner Control Board (SCB):	CHE002 4.3 (No Change)
Fax Accessory	8.6A (No Change)
DC Controller:	02.066 (25)

Formatter Boot Loader	LDR 02.10
HP Fleet Release Designation	CPE 12.1

Enhancements and Fixes provided with previous Firmware revision 20120301 53.180.3 CPE 11.4.

ENHANCEMENTS:

Base Product:

- ➢ You'll now have the ability to remotely flag the printer when a service call has been placed thus preventing multiple service calls being placed on a single event.

- ➢ Ability to collect all the logs for a device using the One Touch Button through EWS. Typical logs collected will be formatter logs, Configuration Pages, Event Logs, Crash.log, fax logs, and T30 traces.

- ➢ You can now copy 2 sides of an ID card on a single page in single print instance by using 'Copy ID card' feature.

Embedded Digital Sending:

- ➢ Create password encrypted PDF files for digital send jobs.

- ➢ Ability to set the default Send-to-Folder filename with current date&time-stamp.

Authentication/Security:

- ➢ Stored passwords for Fax archive to folder are now encrypted with AES256 encryption strength.

Fax:

- ➢ No new updates

Embedded Jet Direct:

- ➢ No new updates

FIXES OR IMPROVEMENTS:

This firmware provides fixes or improvements for following issues:

Base Product:

- Alternative Letterhead mode does not automatically duplex Pre punched Media Type for copy job

- Checks did not print correctly with firmware newer than CPE 10.2.

- In certain languages the OK button has been translated incorrectly and may be interpreted as "well" or "fine".

- MFP hangs when Administration menu map is printed through EWS with MFP language set to Greek.

- Numeric pad workflow shortcuts are unresponsive on control panel when using the DSS workflow forms.

- Personal jobs with filenames, containing at least 16 characters, are overwritten

- Scanner Failure 30.1.45 or 30.1.41 occurs randomly

- The "Please Wait" screen may appear and take an additional 3 seconds above and beyond the actual task length of the OXPd app.

- When device language is set to Catalan, the Event log did not print correctly.

- When performing two subsequent scans in the same session, the scan settings for the second scan are not set properly. This occurs whenever the first scan file type is TIFF and the second is PDF.

- Continuous legal jobs followed by A4 and then back to legal will not staple correctly.

- The Network Time Server Address is not set to a valid Address/IP when the "Synchronize now" button is pressed for the first time after it is set to default settings.

Embedded Digital Sending:

- MFP hangs when navigated to default file name option while performing digital send job with MFP language set to Greek.

- Access verification before scanning does not work for invalid FTP path.

- Default File Name option in MFP CP is taking the edited value even though Cancel button is pressed after editing it.

- E-mail notification not received for Failed FTP job.

- Email notification states failed for both valid path Send to folder job and invalid path send to FTP job.

- File name set under Administrator->Default job options->Default Send to Folder->Default file name changes back to Untitled when doing Send to folder job

- FLATECODE compression cannot be turned off when performing digital send jobs.

- MFP shows 49.4C02/06 error if user changes the MFP language in EWS Page and saving the default File name for Send to folder in control panel UI.

- Newer firmware doesn't cache send to folder mfp user credentials

- Send to FTP access verification fails in EWS when FQDN is provided for FTP path.

- When a Quick Set is saved in Send to Network via the control panel 'Content Orientation', 'Original Size' and 'Optimize Text/Picture' settings are not retained.

- When performing Send to FTP job, destination folder path is verified in EWS but fails to verify on control panel.

- When you choose the option to create folder based on username for multiple send to FTP jobs, the jobs get stored in nested folders instead of single username folder.

- "Please verify access" message remains on UI for long time for invalid shared folder path with any two fields blank.

Authentication/Security:

- After logging into the MFP via LDAP authentication, stored jobs may not be visible at the control panel under job storage.

- After restore factory settings is performed on the device, the Smart Card authentication window will not appear even when all settings are properly reconfigured.

- Device PINs starting with a single leading zero (e.g. 055 or 040) were not able to be configured on the device.

- The HP USB SmartCard Reader could become unresponsive after updating device firmware to the CPE 11.2 release when 3rd party authentication solutions are installed on the device.

- The retrieve stored jobs soft key on the device control panel can be active even when no stored jobs are present.

- When the US Govt. SmartCard Authentication agent is installed on the device, certain digital send options may not be able to be reconfigured after a restore factory settings is performed.

Fax:

- Greek text gets truncated in fax call report.

- 16-20 digit fax numbers are not displayed full length in the fax recipient field

Embedded Jet Direct:

➢ No new updates

Current firmware revisions included in this firmware bundle

COMPONENT	FIRMWARE VERSION
HP LJ CM3530 mfp	(Datecode: 20120301 53.180.3)
Embedded JetDirect:	V.43.10.FF
Copy Processor Board (CPB):	6.046 (0.0)
Scanner Control Board (SCB):	CHE002 4.3 (No Change)
Fax Accessory	8.6A (No Change)
DC Controller:	02.066 (25)
Formatter Boot Loader	LDR 02.09 (No Change)
HP Fleet Release Designation	CPE 11.4

Enhancements and Fixes provided with this Firmware revision 20120119 53.171.4 CPE 11.3

IMPORTANT NOTE:
 "This firmware version installs code signing verification functionality. Firmware signed by HP guarantees the integrity and authenticity of the code; meaning that the firmware was produced by HP (authenticity) and that the firmware has not been altered in any way (integrity). "

ATTENTION: Once this firmware has been applied to your printer or multifunction device it CANNOT BE DOWNGRADED to a previous version of firmware.

BACKGROUND: It is important to note that Code Signing Verification functionality has been provided with this version of firmware and will be provided with all future versions of firmware; therefore, the ability to downgrade to a previous version of firmware no longer exists.

Enhancements

Base Product:

➢ No new updates

 Embedded Digital Sending:

➢ No new updates.

Analog Fax:

> ➢ No new updates

Embedded Jet Direct:

> ➢ No new updates

Fixes or improvements

This firmware provides fixes or improvements for following issues:

Base Product:

> ➢ USB card reader stops working (or becomes less responsive) after upgrading to CPE 11.2. This will affect solutions like Safecom used with the card reader.

Embedded Digital Sending:

> ➢ No new updates

Analog Fax:

> ➢ No new updates

Embedded Jet Direct:

> ➢ No new updates

Current firmware revisions included in this firmware bundle

COMPONENT	FIRMWARE VERSION
HP LJ CM3530 mfp	(Datecode: 20111213 53.170.1B)
Embedded JetDirect:	V.43.05.FF
Copy Processor Board (CPB):	6.044 (0.0) (No Change)
Scanner Control Board (SCB):	CHE002 4.3 (No Change)
Analog Fax	8.6A (No Change)
DC Controller:	02.066 (25)
Formatter Boot Loader	LDR 02.09 (No Change)
HP Fleet Release Designation	CPE 11.3

Enhancements and Fixes provided with this Firmware revision 20120119 53.171.4, CPE 11.3.

Enhancements

Base Product:

➢ Ability to change control panel message when the service request is raised.

➢ Now you are able to set tray 2 as the default tray for copying and have the MFP pull from tray 2 regardless of what type is in the tray.

 Embedded Digital Sending:

➢ No new updates.

Analog Fax:

➢ No new updates

Embedded Jet Direct:

➢ 802.1x failure to negotiate disables networking

➢ No SSL Proxy available to Auto-Send

➢ Secure@Install support is now available

➢ SNMPv3 privacy and authentication use keys rather than passphrases

Fixes or improvements

This firmware provides fixes or improvements for following issues:

Base Product:

➢ Chai based solutions appear to be unresponsive at times either when drawing a GUI window or when pressing a Chai button with HPAC 6.33 installed

➢ DST offset value is getting added while setting the time to a time which falls in daylight time saving period.

➢ In some cases you may not be able to cancel a copy job after starting to copy multiple jobs,

➢ Ringdale - Changes to the Fax application system variables do not take effect until after a reboot.

➢ Stored jobs may not be visible under created folders when authentication is set to LDAP

- The phrase "To use AutoSend with E-mail, you must first configure your E-mail Server"' was not localized in Slovak and Russian languages.

- You may see the control panel timed out (returned to the home screen) before their job list is displayed on the CM6040 when using HPAC 6.33.

Embedded Digital Sending:

- Email addresses (including Fax Notification) may not be consistently set from device security services.

- For devices configured to use the HP US Government SmartCard authentication solution (DOD CAC), send to network folder jobs could fail due to the device improperly sending the network credentials for the digital send job.

- Embedded send to FTP jobs may fail even though the FTP path verifies successfully from the device Embedded Web Server

- In the Send to Email configuration, after setting 'Lock the BCC Email field', the BCC field is disabled but does not gray out until reboot.

- Send to FTP will generate 0 bytes files in FTP destination when the device is in ACTIVE mode and with a firewall enabled on the FTP server.

- The MFP may hang during email address lookups when the LDAP settings are configured to use verbose mode.

Analog Fax:

- Analog Fax and Embedded Send to Email jobs could intermittently lock up the MFP

- Embedded RightFax Metadata File May be incompatible with DSS.

Embedded Jet Direct:

- A "Reflected XSS" is possible due to redirection to HTTPS

- Certificate Signing Requests specify 1024 bit keys; should specify 2048 bit keys

- Crash results when a duplicate IPv6 address is encountered

- Crash results when navigating to Refresh Rate in Networking pages

- Misbehavior when DHCP NAK received

- SSL vulnerable to a Cipersuite downgrade attack

- ➢ SSL vulnerable to a man-in-the-middle renegotiation attack

- ➢ Telnet crashes

- ➢ The default key size for Certificate Signing Requests should be 2048 bits not, 1024

Current firmware revisions included in this firmware bundle

COMPONENT	FIRMWARE VERSION
HP LJ CM3530 mfp	(Datecode: 20111213 53.170.1B)
Embedded JetDirect:	V.43.05.FF
Copy Processor Board (CPB):	6.044 (0.0) (No Change)
Scanner Control Board (SCB):	CHE002 4.3 (No Change)
Analog Fax	8.6A (No Change)
DC Controller:	02.066 (25)
Formatter Boot Loader	LDR 02.09 (No Change)
HP Fleet Release Designation	CPE 11.3

Enhancements and Fixes provided with this Firmware revision

20110520 53.143.0

Enhancements

Base Product:

- ➢ The Job Held Timeout feature can now be applied to Stored Jobs in addition to Quick Copy Jobs, and will be available for Oz based devices with this release. The timeout setting will be applied retroactively to any existing jobs. This feature is available through the EWS and Control Panel for customers who want all Job Data removed on a scheduled basis.

- ➢ Added the ability to perform a Hard Disk Initialization and Cold Reset remotely

- ➢ Added the On-line Authentication and Rewards feature for consumables.

- ➢ Support for Windows Server 2008 has been added for DOD Smartcard Authentication

- ➢ Added the ability to send Autosend data over HTTPS for a secure link.

➢ You are now able to set separate and different "Default Job options for the following areas: Copy, Send to Email, Sent to Folder, Fax and DSS.

➢ AES 256 Encryption is now used for any passwords stored on the MFP for use with digital send jobs. This includes any digital sending-associated passwords that are cached (in cases where walk-up user credentials are supplied for any given job) or stored (in cases where administrator - or "public" - credentials are configured for any given job).

➢ User's Network Credentials can now be used to release Private Jobs.

➢ The ID Card Copy feature has been added to allow you to copy both the front and back side of an Identification Card onto a single sheet of paper.

Analog Fax:

➢ The fax report can now be integrated into the email body instead of arriving as an attachment in the email.

➢ Fax speed dial lists can now be edited from the EWS when the device is managed by DSS

Embedded Digital Sending:

➢ Embedded Send to Network Folder quicksets are now able to save job settings.

➢ Expanded support for Embedded Send to Network Folder jobs to Microsoft Distributed File System destination directories.

Embedded Jet Direct:

➢ No new updates

Fixes or improvements

Base Product:

➢ When a ADF jam is seen the device does not respond correctly to the jam being cleared.

➢ The Start Button is green when first powering on the device or when waking up out of sleep even though the device is not ready to use the scanner yet.

➢ LDAP Authentication could fail when 2-byte characters are returned in LDAP attribute fields

- When using some 3rd party OXP applications, concurrent authentication operations could be generated which would corrupt the authentication attempt.

- Intermittent 30.01.08 or 30.01.47 errors may be seen very randomly.

- Some Slovak Control Panel translations are incorrect.

- Intermittently the MFP may gets into a mode where the inactivity timeout stops working for all menus except the Administration Menu.

Analog Fax:

- Analog Fax and Embedded Send to Email jobs could intermittently lock up the MFP

- Now 'Ringer Volume' setting of Receive Fax works properly.

Embedded Digital Sending:

- Erroneous or confusing Send to Folder control panel messages when device is managed by DSS

- Send to Email may cause a 49 error when language is set to Japanese

- Embedded Send to FTP jobs could fail when sending to FTP servers with EPRT support

- Autosend and Embedded Email alert functionality may not work properly on servers where SMTP Authentication is configured.

- Embedded Send to Network Folder jobs could fail for users with passwords containing ISO Latin-1 characters

Embedded Jet Direct:

- No new updates

Current firmware revisions included in this firmware bundle

COMPONENT	FIRMWARE VERSION
HP LJ CM35530 mfp	(Datecode: 20110520 53.143.0)
Embedded JetDirect:	V.38.99.FF
Copy Processor Board (CPB):	6.040 (0.0) (No Change)
Scanner Control Board (SCB):	CHE002 4.0 (No Change)
Analog Fax	8.6A (No Change)
DC Controller:	02.066 (25) (No Change)

Formatter Boot Loader	LDR 02.09 (No Change)
HP Fleet Release Designation	CPE 11.2

NOTE: All improvements with previous revisions of firmware are included within the most current revision.

Enhancements and Fixes provided with this Firmware revision

20110215 53.112.2

Enhancements:

Base Product:

➢ Provided the ability to send an alert e-mail from the device when the Auto Recovery feature has turned the device off and back on.

➢ Capability to provide an audit-trail of security-relevant actions taken by users is added in this release. The following data is recorded for each event:
  • Date and time of event
  • Type of event
  • User ID (if applicable)
  • Outcome of event (success and/or failure)
  Requires use of a Syslog server. Syslog is a standardized auditing protocol and defined by the Internet Engineering Task Force (IETF) in RFC 5424.

Analog Fax:

➢ No new updates

Digital Sending:

➢ Administrators can now set the address book search priority for email address lookups.

➢ "Send to Me" functionality, where send to email jobs are automatically sent to the authenticated user, can now be configured from the device embedded web server.

➢ PDF/A is now a configurable file type for embedded digital send jobs

Embedded Jet Direct:

➢ No new updates

Fixes or improvements

Base Product:

➢ Kerberos authentication could fail when configured to use Administrator's (Public) credentials, and the credential set is entered in domain/username format.

➢ A reboot may be required after adding a second Kerberos domain before Kerberos authentication would succeed.

➢ The Secure Erase Mode may be reported incorrectly if no disk is installed.

Analog Fax:

➢ No New Updates

Digital Sending:

➢ The MFP User Credential form is now viewable for workflows configured in HP MFP Digital Sending Software.

➢ A 49.00FF error may be seen when performing embedded Send to Network Folder digital send jobs

➢ The "Create Directory Based on Username" and "Only Allow Access to User's Own Directory" configures features for embedded Send to Network Folder may result in the creation of directories with improper security permissions.

➢ The device priority for name resolution transport (DNS or WINS) can be configured for embedded Send to Network Folder.

➢ Some embedded Send to Email digital send jobs may fail when configured to use SMTP authentication and custom message body text is specified.

➢ Embedded Send to Network Folder digital send jobs may fail when the password encryption method is configured for Kerberos.

➢ User credentials containing diacritic characters in the password field may not pass properly for embedded Send to Network Folder digital send jobs.

➢ The device may not properly utilize the configured secondary DNS server when necessary for embedded Send to Network Folder digital send jobs

Embedded Jet Direct:

➢ 802.1x implementation is incompatible with FreeRadius.

- The checkbox for "Use Stateless DHCPv4 when Manually Configured" would always be checked after reboot.
  1.
- 802.1x improperly negotiates to MD5 Authentication.

- FTP server welcome message terminates lines with linefeeds instead of carriage-return and line feed.

- DNS resolves hostnames to IPv6 addresses even when IPv6 is disabled.

- Support for the Trace method is removed from the JDI EWS HTTP server in this and future releases.

Current firmware revisions included in this firmware bundle

COMPONENT	FIRMWARE VERSION
HP LJ CM35530 mfp	(Datecode: 20110215 53.112.2)
Embedded JetDirect:	V.38.99.FF
Copy Processor Board (CPB):	6.040 (0.0)
Scanner Control Board (SCB):	CHE002 4.0 (No Change)
Analog Fax	8.6A (No Change)
DC Controller:	02.066 (25) (No Change)
Formatter Boot Loader	LDR 02.09 (No Change)
HP Fleet Release Designation	CPE 11.1

Enhancements and Fixes provided with this Firmware revision

20101206 53.101.5

Note:
This release includes the new HP Open Extensibility Platform (OXP). This functionality significantly increases the RFU file size.

Enhancements

Base Product:

- HP Open Extensibility Platform (OXP) added in this release

➢ The behavior of the Stop button is now configurable. In the Settings/Device Behavior/Reset menu, you can now select "Default" or "Alternate". "Default" maintains previous functionality: Pressing the Stop button pauses the MFP, and the user must select "OK" from the Resume control panel display to get back to READY. When "Alternate" is selected, the MFP will go back to READY when the Reset button is pressed, or when the Inactivity Timeout expires.

➢ "Edge to Edge Override" added to printing menu

➢ When synchronizing with a network time server, the printer clock now copies the actual time from the server. Previously it only corrected for drift within a small time range.

➢ The number of user-defined media types is increased from 5 to 20

Analog Fax:

➢ No new updates

Digital Sending:

➢ The configurable maximum attachment size for embedded send to email has been increased.

➢ Administrators can now specify a Default TO: address in the device Embedded Send to Email configuration

Embedded Jet Direct:

➢ No new updates

Fixes or improvements

Base Product:

Intermittent 30.01.41 errors may be displayed on the devices control panel

➢ You may see a 49.4C02 error when using ALM (Alternate Letterhead Mode)

➢ Not able to print the correct quantity of copies when using the Private Pin with certain Microsoft Word documents.

➢ A 49.5F11 error may be seen on the control panel when using the Alternative Letterhead feature

➢ Some pages will not be included with the print job when using the Alternative Letterhead feature

- EXPECTED DRIVE MISSING error message on control panel after upgrading firmware

- Possible 49.4C18 errors when using DHCP and configuration files. Fixes are implemented in both formatter and Embedded Jetdirect firmware

- A4/Letter Override may not work correctly when documents have multiple paper sizes

- You may not see a significant shift in color density when using the Adjust Color Density setting for Midtones, Highlights and Shadow regions.l.

Analog Fax:

- Disabling fax from DSS may not remove the fax icon from the control panel

- Email notification for Fax jobs initiated with the PC Send Fax Driver would fail with email addresses longer than 32 characters

- Fax reports may have missing thumbnail images

Digital Sending:

- DOD CAC encrypted emails would incorrectly have BASE64 characters of the encrypted attachment within the email message body.

- When the device language is configured to Korean or Chinese, the "Change Language" button fails to function from within the Embedded Send to Network Folder UI

- A 49.4C02 Error may occur when applying a WebJetAdmin configuration template containing Kerberos Authentication settings

- Printed notification pages for Embedded Send to Network Folder would not word wrap long folder paths

- Embedded LANfax filenaming convention now matches the HP MFP Digital Send Software LANfax filenaming convention

- Digital Send jobs could have missing scan pages if a paper jam occurred during the scan

- A 49.4C02 Error may occur when performing LDAP email address lookups from the send to email UI

Embedded Jet Direct:

- Possible 49.4C18 errors when using DHCP and configuration files. Fixes are implemented in both formatter and Embedded Jetdirect firmware No new updates

- ➢ Printers/MFPs are unable to FTP to another printer/MFP

- ➢ Send to Network Folder stops working after about 25 contiguous jobs

Current firmware revisions included in this firmware bundle

COMPONENT	FIRMWARE VERSION
HP LJ CM35530 mfp	(Datecode: 20101206 53.101.5)
Embedded JetDirect:	V.38.98.FF
Copy Processor Board (CPB):	6.037 (0.0) (No Change)
Scanner Control Board (SCB):	CHE002 4.0 (No Change)
Analog Fax	8.6A (No Change)
DC Controller:	02.066 (25) (No Change)
Formatter Boot Loader	LDR 02.09 (No Change)
HP Fleet Release Designation	CPE 10.4

Enhancements and Fixes provided with this Firmware revision

20100916 53.080.5

Enhancements

Base Product:

- ➢ Blank Page Suppression is enhanced to include PCL6 (was only PCL5), and also work with duplex printing if both sides a page are blank.
- ➢ A feature has been added to the EWS to allow custom settings for tray mapping

- ➢ Job Build mode has been added to Default Settings in the EWS

Analog Fax:

- ➢ No new updates

Digital Sending:

- ➢ Shared and FTP Folders are added as options to Fax Archive in Advanced Fax Settings

- ➢ The option to add timestamps to destination file names is added for Send to Email and Send to Folder (Quick Sets menu for Send to Folder)

Embedded Jet Direct:

> ➢ No new updates

Fixes or improvements

Base Product:

> ➢ Boot-up hangs may be seen in the 6/C and 6/E process on machines more heavily used. The Event Log may also show a 49.1D34 error.

> ➢ Blank Page Suppression is enhanced to include PCL6 (was only PCL5), and also work with duplex printing if both sides a page are blank.

> ➢ ALM (Alternate Letterhead Mode) was not treating user-defined media types as asymmetrical.

> ➢ Classic tray mode not working correctly.

> ➢ Media type settings do not hold over a power cycle for non-Letter paper sizes.

> ➢ After performing restore factory settings the Device Name is not changed to Factory Default.

> ➢ Possible 49.4C02 errors when using an EIO hard disk drive (HDD) with the HP Access Control Smartcard Solution for U.S. Government, including the HP High Performance Secure Hard Disk.

Analog Fax:

> ➢ Localization errors in Address Book messages when set to Greek.

Digital Sending:

> ➢ The left side of a sent PDF file my be clipped with A4 paper size

Embedded Jet Direct:

> ➢ No new updates

Current firmware revisions included in this firmware bundle

COMPONENT	FIRMWARE VERSION
HP LJ CM35530 mfp	(Datecode: 20100916 53.080.5)
Embedded JetDirect:	V.38.80.FF (No Change)

Copy Processor Board (CPB):	6.037 (0.0) (No Change)
Scanner Control Board (SCB):	CHE002 4.0 (No Change)
Analog Fax	8.6A (No Change)
DC Controller:	02.066 (25) (No Change)
Formatter Boot Loader	LDR 02.09 (No Change)
HP Fleet Release Designation	CPE 10.3

Enhancements and Fixes provided with this Firmware revision 20100614 53.061.3

Enhancements

Base Product:

> ➢ The EWS Security tab now has a checkbox to require the EWS password to see the EWS Information page
> ➢ The message "Print List" is replaced by "Print Job List", and the "Print List" button is removed from the Retrieve tab in the Job Storage menu. This makes it clear to users the function prints a list of stored jobs, not the jobs themselves.

Analog Fax:

> ➢ Certain Fax features are restricted by Control Panel LOCK when set to the "Minimum" setting.

Digital Sending:

> ➢ No new updates

Embedded Jet Direct:

> ➢ No new updates

Fixes or improvements

Base Product:

> ➢ When printing certain PDF files the printer may continuously print pages with erroneous characters on them.
> ➢ Not able to Enable and Disable the Color Usage Job Log page from the Information menu when using Web JetAdmin.
> ➢ You may see a 49.5001 errors with DSMP network traffic.

Analog Fax:

> You may see an error message, Modemfail(84), when sending faxes to some competitors' fax products.

Digital Sending:

> MFP DNS behavior could cause the email icon to disappear from the control panel of the device.
> Specifying an SMTP gateway by hostname may not work correctly on slow networks

> The username field for Kerberos authentication has been expanded to allow a maximum of 64 characters

Embedded Jet Direct:

> No new updates

Current firmware revisions included in this firmware bundle

COMPONENT	FIRMWARE VERSION
HP LJ CM35530 mfp	(Datecode: 20100614 53.061.3)
Embedded JetDirect:	V.38.80.FF (No Change)
Copy Processor Board (CPB):	6.037 (0.0) (No Change)
Scanner Control Board (SCB):	CHE002 4.0 (No Change)
Analog Fax	8.6A (No Change)
DC Controller:	02.066 (25) (No Change)
Formatter Boot Loader	LDR 02.09 (No Change)
HP Fleet Release Designation	CPE 10.2

Enhancements and Fixes provided with this Firmware revision 20100306 53.051.4

Enhancements

Base Product:

> HP has implemented a new method of page counting (known as Print Usage Tracker), which can be enabled if desired. The administrator or owner of the product has the

option either to enable the new counting method or to do nothing. If the new counting method is enabled the device **cannot return to the previous counting method**. It is important to understand this. If the feature is not enabled, nothing will change on the device and it will continue to count pages the same as it originally did from the factory.

- Background: Current page counting methods were designed to enable efficient service and support. The Print Usage Tracker feature implements new page counting methods which are more aligned with today's job accounting needs.

Additional information: For more information about the Print Usage Tracker feature, visit, www.hp.com/go/support. To navigate to the support web page for your product, on the SUPPORT AND DRIVERS page, type the product name of your device (for example, HP Color LaserJet CM3530 MFP or model number CC520A) in the *"See support and troubleshooting information"* section . Once you have located your support page search for "Print Usage Tracker". Additional information may also be obtained by contacting your regions HP Customer Support Center. This information can be located in the "Use" manual that came with your product documentation or on the CD-ROM.

How to enable the feature: If desired, use the following steps to enable the new page counting method (known as Print Usage Tracker) via the product's Embedded Web Server.

1. Update your device firmware to this release or greater.
2. Once this is done the Print Usage Tracker acceptance and activation screen will be available from the product's Embedded Web Server (EWS) at the following location: EWS >> Settings >> Security >> Device Security Settings >> Print Usage Tracker
3. Review the acceptance screen so that the changes are understood and you are comfortable with how the changes may or may not affect your HP device or product use model.
4. If you are comfortable with the acceptance statements and the new counting functionality, choose to enable the feature. As stated previously it is very important to understand that once enabled the device cannot return to the previous counting method.

   a. Select "I Accept"
   b. Select "Enable the Print Usage Tracker feature on this device"
   c. Press "Apply"

NOTE: Currently this functionality can only be enabled through the product's Embedded Web Server (EWS). In the future, HP will provide the ability to enable this functionality through HP's Device management software called HP WebJet Admin. The WebJet Admin support pages can be accessed using the following URL: www.hp.com/go/webjetadmin

➢ A new feature has been added which will allow the administrator to configure the device to auto recover from intermittent 49.XXXX errors. With this release, the feature will be enabled "ON" by default. For Single function devices, you will find the selection under the following menu: CONFIGURE DEVICE>SYSTEM SETUP>Auto Recovery. For "M" Series Multifunction Devices you will find the selection under the following menu: ADMINISTRATION>MANAGEMENT>Auto Recovery.

Analog Fax:

N/A

Digital Sending:

➢ Support added for Embedded Send to Network Folder Quick Sets

➢ Support added for a single Embedded Send to Network Folder alias to send to multiple network folder destinations

➢ Support added for the ability to configure up to ten Embedded Send to Network Folder address books

➢ Support added for import/export of Embedded Send to Network Folder address books

Embedded Jet Direct:

N/A

Fixes or improvements

Base Product:

➢ An intermittent 49.144b, 30.01.41 error may be seen on the HP Easy Select Control Panel.

➢ Possible 49 error when using PCL5 macros (more likely with USB mass storage device connected).

➢ Very slow printing or printer hangs may occur when a very complex Postscript file with large amounts of lineto commands are present.

➢ 49.4c04 Error may be seen when printing certain files from Illustrator CS3 and/or when printing PDF files

➢ A 49.4c06 may be displayed on the control panel when printing certain files from Excel that contain non-printable characters

> ➢ Turning the printer OFF then ON too quickly may cause the printer not to boot up properly.

> ➢ Very dark dense black copies may print as composite black when using the Autodetect copy setting.

Analog Fax:

> ➢ Possible 49.5001 errors when using Fax and/or email address books.

Digital Sending:

> ➢ Possible 49.5001 errors when using Fax and/or email address books

> ➢ Scan Setup Wizard does not work correctly with 2-byte languages

> ➢ Authentication could fail if the user password contained the Euro character

> ➢ A 49.4C02 error could occur when applying Kerberos configuration settings through HP MFP Digital Sending Software

> ➢ Users are unable to specify scan filenames when the MFP is configured for Send to Network Folder through HP MFP Digital Sending Software and configured for Novell Authentication

Embedded Jet Direct:

> ➢ Incompatibility with Win Server 2008 and 802.1x

> ➢ CA certificate not accessible via SNMP

> ➢ IPP printer-URI-string miss-formatted

> ➢ DHCPINFORM transmit rate too high

> ➢ Possible network hang during DHCPv6 configuration when a configuration is received from a DHCPv6 server.

> ➢ User incorrectly allowed to install an Identity certificate instead of a CA certificate.

Current firmware revisions included in this firmware bundle

COMPONENT	FIRMWARE VERSION
HP LJ CM35530 mfp	53.051.4 (Datecode: 20100306 53.051.4)

Embedded JetDirect:	V.38.80.FF
Copy Processor Board (CPB):	6.037 (0.0)
Scanner Control Board (SCB):	CHE002 4.0 (No Change)
Analog Fax	8.6A (No Change)
DC Controller:	02.066 (25) (No Change)
Formatter Boot Loader	LDR 02.09

Enhancements and Fixes provided with this Firmware revision 20091123 53.040.7

Enhancements

Base Product:

> ➢ N/A

Analog Fax:

> N/A

Digital Sending:

> N/A

Embedded Jet Direct:

> N/A

Fixes or improvements

Base Product:

> ➢ You may be able to do a copy job without authenticating.

> ➢ Information may be missing from the EWS when connected via IPv6

Analog Fax:

> ➢ When "Auto Setting Reset" is configured to "Immediately Reset Device", a copy job may be performed instead of a faxing or digital sending job.

➢ Possible 49.4C06 error when sending a fax

Digital Sending:

➢ The sent PDF document size may exceed the standard A4 size when scanning A4 documents

Embedded Jet Direct:

➢ N/A

Current firmware revisions included in this firmware bundle

COMPONENT	FIRMWARE VERSION
HP LJ CM35530 mfp	53.040.7 (Datecode: 20091123 53.040.7)
Embedded JetDirect:	V.38.68.FF (No Change)
Copy Processor Board (CPB):	6.035 (0.0) (No Change)
Scanner Control Board (SCB):	CHE002 4.0 (No Change)
Analog Fax	8.6A (No Change)
DC Controller:	02.066 (25) (No Change)
Formatter Boot Loader	LDR 02.08

Enhancements and Fixes provided with this Firmware revision 20090914 53.031.4

Enhancements

Base Product:

➢ The ability to allow the device to auto-reboot after a system error has been implemented. This feature will be disabled by default. The feature can be enabled by accessing the following menu:

ADMINISTRATION> MANAGEMENT > Auto Recovery

➢ Additional information will be provided in the Event Log for Paper Jam conditions. In addition, the Event log can now display up to 90 events depending on the event type. The additional information presented for a paper jam error is not applicable / useable by an end-user or support person.

- The Asset Field found in the products EWS (Embedded Web Server) which is used for assigning Asset numbers to a device has been changed to allow support for more characters.

- Support for 3″ x 5″ paper has been added through Tray 1 only. The Custom paper size for Tray 1 needs to be set to the proper dimensions through the Supplies Status Menu. The UPD 5.0 driver(s) must be used. Tray 1 paper guides will require special snap in guides which can be purchased from HP. Contact your regions HP support center for additional information.

- The Wake-Up schedule can now be set with Sleep Mode disabled

Analog Fax:

N/A

Digital Sending:

N/A

Embedded Jet Direct:

N/A

Fixes or improvements

Base Product:

- A 49.4C02 may be seen on the control panel when printing large PostScript Files.

- Some PostScript files generated from SAP applications may print barcodes incorrectly.

- User-defined media types do not display correctly in non-English languages

- When the PostScript font pages are printed with the control panel language set to Russian certain characters will overlap on page borders.

- Manual Feed jobs will not work correctly when using PLC5e

- Certain characters displayed on the printed Supplies Status page will display incorrectly when the control panel language is set to Russian or Greek.

- A 49.144B error may be seen on the HP Easy Select Control panel. Updating to this firmware may lessen the occurrence of this error.

- ➢ Job Storage - When printing All Personal Jobs with a pin, the quantity set within the driver get defaulted to one copy for each job.

- ➢ Color Usage Job Log is still visible after turning off the feature off with in the Embedded Web Server.

- ➢ User-defined media types do not display correctly in non-English languages

- ➢ Special characters are not accepted in a device password

Analog Fax:

- ➢ A full fax activity log may result in Modem Fail (82) or Modem Fail (84) messages

- ➢ Possible Job Fail (0), compression errors or fax corruption with fax firmware versions 2.36v and 2.37m

- ➢ Stored Fax does not print after performing Restore Factory Settings

- ➢ In rare cases, a No Fax Detected message may occur when a fax machine is at the other end.

- ➢ When sending a fax, a No Dial Tone occurrence does not result in an automatic retry

- ➢ A "Remote Abort" message is added to notify users the remote fax disconnected.

- ➢ Results column may be truncated in Fax Activity log when set to Verbose

- ➢ Fax Header page numbers may be cut off in superfine mode

- ➢ With ECM off, only one page faxes are resent. Multiple page faxes fail to resend.

- ➢ Sending to a Fax Distribution List may result in corruption if one receiver doesn't support the scanned resolution

- ➢ Faxing A3 paper size to A4 paper size may result in a blank page or cropped image

- ➢ A Large Fax address book is slow to search, and may cause 49.4C02 errors

- ➢ A 49.4C02 error may occur when cancelling a fax job while the control panel shows "Connected to…"

- ➢ "Maximum Characters Reached" message is not displayed after 31 characters entered when keyboard language is set to Japanese

➢ The fax email notification thumbnail may have the file extension .01 instead of .tif.

Digital Sending:

➢ LDAP authentication (Simple or Simple over SSL) could fail with an insufficient privileges error in some configurations

➢ A 49.4C02 error may be seen when "Disable Reverse DNS Lookups" is selected under Settings -> Kerberos Authentication -> Advanced

➢ There is now the option to specify a primary and backup LDAP server under Settings -> Kerberos authentication. This feature reduces authentication failures related to hostname resolution issues during the LDAP portion of the authentication cycle

➢ Certain number combinations entered at the control panel as part of a digital send job would lock up the control panel

➢ Embedded send to network folder digital send jobs would fail when NTLMv2 is selected as the password encryption method

➢ The digital send log would incorrectly designate some failed digital send jobs as successful

➢ A 49.00FF error could be generated after an abnormal communication break between the MFP and its configured DSS server

➢ Kerberos Authentication could fail with a "LDAP Local Bind Error" error message

➢ Embedded send to network folder digital send jobs may fail to create XML metadata files

➢ An unspecified DNS server is used by the MFP to resolve hostnames for some embedded send to network folder digital send jobs

➢ Embedded send to network folder digital send jobs may generate metadata files with truncated output

Embedded Jet Direct:

➢ Installation of a Root CA Certificate no longer causes "Invalid Format" on other certificate installations.

➢ Access Control List contents now persist over reboots

➢ HTTPS is forced on Printer/MFP tabs when required.

- ➢ When DNS responses are returned as a stream (TCP) rather than a datagram (UDP), JDI would wait forever for more data.

- ➢ When Web JetAdmin is on a different subnet than the printer and establishes an HTTPS connection to query status, the JDI would mishandle the connection and hang.

- ➢ Allow IPP operation when EWS disabled

- ➢ Allow Web JetAdmin Admin operations when the Embedded Web Server is disabled.

Current firmware revisions included in this firmware bundle

COMPONENT	FIRMWARE VERSION
HP LJ CM35530 mfp	(Datecode: 20090914 53.031.4)
Embedded JetDirect:	V.38.68.FF
Copy Processor Board (CPB):	6.035 (0.0)
Scanner Control Board (SCB):	CHE002 4.0 (No Change)
Analog Fax	8.6A (No Change)
DC Controller:	02.066 (25)
Formatter Boot Loader	LDR 02.08

**Enhancements and Fixes provided with this Firmware revision
20090603 53.021.2**

Enhancements

Base Product:

- ➢ Paper Jams now include additional status bytes in the Event Log.

- ➢ Smartcard Solution for U.S. Government (previously MFP Smartcard Authentication Solution): Ability to Encrypt E-mail with senders PKI certificate, CDP (Certificate Revocation List Distribution Point) Certificate Validation, and support for FBI Proprietary Common Access Card Format.

Analog Fax:

   N/A

Digital Sending:

N/A

Embedded Jet Direct:

N/A

Fixes or improvements
The following fixes or improvements are provided by this firmware release:
(Datecode: 20090603 53.021.2)

Base Product:

➢ The Maximum Control Panel lock will not lock access to the the "Stop" button

➢ The device will interpret letter size originals as Legal from the flatbed when Mixed Letter/Legal is set for ADF.

➢ The device will not boot when a hard drive is not installed

➢ When selecting to print all stored jobs from the front control panel you may see a longer than expected delay between stored jobs. With this new behavior, you will no longer see a delay between files as long as the job attributes are the same.

➢ When printing a personal job without a PIN number the job will print N-1 based on the number of copies selected in the print driver for the job. For example: If 10 copies were selected in the driver, only 9 copies will print.

➢ Vivid Color table support corrected

➢ Alternative Letterhead mode will not function correctly when a tray selection is made using a tray selection command instead of a paper type selection command

➢ Issues may be seen using the Alternative Letterhead feature.

➢ A new message is being added to indicate when the ADF cable is not connected to the SCB. The error message posted to the Event Log is 30.01.47

➢ An ADF jam may be seen where the paper is only partially delivered to the output bin.

➢ Copy image placement may be skewed

➢ When a formatter board is replaced for service reasons when using an HP Secure High Performance hard drive the device will come to a READY state but it will also display a message indicating that the hard drive is not functioning and the feature icons that require a hard drive will indicate that the feature is not available

Analog Fax:

➤ Possible corrupted fax pages when using one level of forwarding

➤ Disable V.34 Menu Item is removed because V.34 is automatically enabled or disabled.

➤ Maximum Baud Rate can now be selected separately for send and receive

Digital Sending:

➤ Embedded Send to email jobs would initiate the SMTP session with the EHLO command instead of the HELO command

➤ A potential for the Kerberos configuration on the MFP to become corrupt could generate a 49.4C02 error on the MFP

➤ When Default Job Options -> Default Copy Options -> Color - Black/White is configured to AUTODETECT, JPEG file color output would be inconsistent with the configured color output setting for digital send jobs.

➤ When "Disable Reverse DNS Lookups" is enabled under Settings -> Kerberos Authentication -> Advanced, the MFP could experience a 49.4C02 error

➤ Some Embedded Send to Network Folder jobs would result in corrupt PDF output in the destination directory

Embedded Jet Direct:

➤ LPD queue may not clear correctly

➤ Jet Direct now properly specifies its cryptographic binding in the 802.1x protocol.

Current firmware revisions included in this firmware bundle

COMPONENT	FIRMWARE VERSION
HP LJ CM35530 mfp	(Datecode: 20090603 53.021.2)
Embedded JetDirect:	V.38.68.FF
Copy Processor Board (CPB):	6.034 (0.0)
Scanner Control Board (SCB):	CHE002 4.0
Analog Fax	8.6A (No Change)
DC Controller:	02.061 (20) (No Change)
Formatter Boot Loader	LDR 02.07

**Enhancements and Fixes provided with this Firmware revision
20081210 53.011.2**

Enhancements

Base Product:

➢ Add device localization (device display, device input, EWS input, EWS display, internal pages) for the Catalan Language

➢ The ability to control the order in which stored Print and Copy Jobs are retrieved has been added to the device. In addition, the ability to retrieve all jobs stored with a PIN and or without a PIN has been added back to the user interface. To control the order in which the jobs are retrieved access the following menu found under the ADMINISTRATION ICON: ADMINISTRATION>MANAGEMENT>STORED JOB MANAGEMENT>Stored Job List Order

➢ Language support has been added for the following languages: Romanian, Croatian, Slovenian, Slovak and Greek.

Analog Fax:

➢ The user can now choose an alternative keyboard layout when using the keyboard. The icon that allows this selection can be enabled from the following HP Easy Select Control Panel Menu: Administration>Device Behavior>Keyboard Layout Button.

➢ With the release of this firmware roll HP has added IME (input Method Editor) functionality for the following languages: Japanese, Traditional Chinese, Simplified Chinese and Korean.

   Functionality added includes
   -        Use of the input keyboard on the control panel
   -        Language specific input keyboard or 10-key keypad support using an overlay
   -        Enter and converting of text
   -        Use of the Address Book
   -        Adding entries in the Address Book
   -        Searching for Japanese entries in the fax Address Book
   -        Auto-complete of an e-mail address

   Visit www.hp.com for the Asian Addendum Manual to learn more about this feature or contact you local in country Hewlett Packard support provider.

➢ Number of pages added to fax notification (printed and/or email)

Digital Sending:

- ➢ Send to FTP can now be configured to add a timestamp to the destination file name

- ➢ Users can now set the name of the Send to Email attachment

- ➢ Send to FTP can now be configured to disable the access verification (send FTP test file) of the destination directory for every job

- ➢ Timeout for send to FTP jobs increased to better handle network latency

- ➢ Embedded Send to Network Folder can now be configured to send to a user's home directory.

- ➢ Embedded Send to Network Folder has added support for Distributed File System (DFS) folder destinations.

- ➢ Kerberos Authentication can now be configured to support multiple domains.

- ➢ Address Book Search is now available in Japanese.

- ➢ The user can now choose an alternative keyboard layout when using the keyboard. The icon that allows this selection can be enabled from the following HP Easy Select Control Panel Menu: Administration>Device Behavior>Keyboard Layout Button

- ➢ With the release of this firmware roll HP has added IME (input Method Editor) functionality for the following languages: Japanese, Traditional Chinese, Simplified Chinese and Korean.

  Functionality added includes:
  - Use of the input keyboard on the control panel
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  - Adding entries in the Address Book
  - Searching for Japanese entries in the fax Address Book
  - Auto-complete of an e-mail address

  Visit www.hp.com for the Asian Addendum Manual to learn more about this feature or contact you local in country Hewlett Packard support provider.

- ➢ A wizard is now available from the control panel to assist in the configuration of send to email. This can be accessed from the following control panel menu: Administration -> Initial Setup -> Email Setup -> Email Wizard.

➤ When the device is managed by DSS 4.11 (or higher), it is now possible to have jobs sent to email and folder OCR processed.

Embedded Jet Direct:

N/A

Fixes or improvements

Base Product:

➤ The Configuration page and other internal pages of the device are not localized in Greek

➤ The Configuration page and other internal pages of the device are not localized in Russian

➤ When the HP Easy Select Control Panel's Language is set to Russian the Date and time stamp is displayed incorrectly.

➤ Resend RFU Via USB Dev Port message may appear on the Front Control panel. This firmware will keep this error from appearing after the device has been updated with this version. It will not address the error if it is seen on the HP Easy Select Control panel.

➤ Excessive ADF (Automatic Document Feeder) jams may be seen. This release provides an improvement in overall jam rate; new recovery sequences for document feeder pick errors.

➤ A timing issue results in the scanner to repeatedly trying to seek the home position. This results in a "rattling" or "squeaking" noise when coming out of power save

➤ In rare cases, a PCL6 file may cause a 49.4C02 or 49.4C06 error.

➤ Very slow performance when printing certain file.

➤ When the HP Easy Select Control panel is set to the Greek language, you will see incorrect characters for Edge to Edge found under the Copy Icon

➤ The Date and Time is displayed incorrectly on the HP Easy Select Control panel when the languages' is set to Korean

➤ Can not print multiple copies of stored jobs when selecting "All Files"

➤ A 49.4C01 error may occur after a firmware upgrade is performed on a device that is used primarily for faxing and/or has been in service for a long period of time.

➤ The HP Easy Select control panel may become unresponsive if the device is busy with other activities such as printing, digital sending or faxing.

- When a tray size is set to Letter-R, A4-R or Custom and the tray is empty the mfp will not go to sleep

- The "M" Series MFP's control panel may hang after a user has printed to the device when the control panel language is set to anything other than English

- Toner status alert may contain erroneous characters in Japanese localization

- Incorrect Japanese localization on Stored Jobs screen

- The explanations provided for Slovak on-line control panel information was extremely abbreviated

- When using the Globe icon to change languages, response may be slow in Asian languages. After the initial selection of a language, it is now cached.

- The Embedded Web Server (EWS) may hang if the domain values are not set first in WJA

- Some Korean characters combinations appear as if they are being combined with other characters on the HP Easy Select Control panel.

- The default keyboard for user and password authentication login is full-width when set to Japanese.

- A Prompt is missing that tells the user to hold the hard keys to select a candidate. This is seen when using Chinese IME for selecting a candidate when using the hard key button associated to the candidate.

- The list presented for the selectable keyboard defaults to the beginning of the list instead the selected layout.

- Japanese characters may show up as garbled text when placed in the file path string for the Print feature found under the Print menu / Information tab of the Embedded Web Server

- Stroke has been removed from the sequence of input methods for Traditional Chinese using the soft touch keyboard

- Conversion list includes candidates of unexpected prediction when Simplified Chinese IME is the default.

- Conversion list includes candidates of unexpected prediction when Traditional Chinese IME is the default.

- Korean input keyboard doesn't show all the characters when the SHIFT key is on.

- Japanese IME doesn't move cursor to the first part of the string if the rest of the string includes only katakana characters.

- Korean input method doesn't construct a word with mixture of consonants and vowels. It doesn't manage the final consonant, called patch'im, for example

- Back slash/ Arrow Key is missing in keyboard layout for Czech, Danish and Finnish.

- The "Warming Up" message presented on the HP Easy Select Control panel is improperly localized in Russian.

- If the "Create Stored Copy Job" feature is removed in the EWS, Stored Print jobs cannot be deleted or retrieved.

- SMTP server can't be configured by hostname from WJA.

- Use Defaults button in EWS Custom DST settings does not work.

- EWS Localization in Autosend is not Consistent for the Word "Test" in Portuguese.

- Trays configured for A5 or Custom paper may change to Letter-R or A4-R after a power cycle.

- User options are not loaded properly when logging in as any user and then returning to the home menu and pressing the "E-mail" button.

- You may see a 49.4CF0 when printing certain types of PDF files.

Analog Fax:

- Some stored fax jobs may not be printable

- The control panel may improperly display an error message during fax jobs

- The control panel may display "Connecting" for an extended period of time when sending or receiving a fax job

- NoAnswer or ModemFail(0) can be caused by incoming ring just before dialing another fax number

- Fax Time Stamp does not show the final retry time. It only showed the first try time.

- It may take 45-90 minutes to receive a one page fax, and may result with an error.

- ➤ The last digit of the incoming fax number Is missing on the fax activity log when the received fax is from a non-hp fax device.

- ➤ A 49.4C01 error may occur after a firmware upgrade is performed on a device that is used primarily for faxing and/or has been in service for a long period of time.

- ➤ Occasional ModemFail, CommunicationError and PageFail error codes in the error report

- ➤ The HP Easy Select control panel may become unresponsive if the device is busy with other activities such as printing, digital sending or faxing.

- ➤ Firmware upgrade may fail to upgrade to the correct modem (fax) FW version.

- ➤ Faxing while the device is printing often causes modem error or error during printing

- ➤ Some Japanese Full-width texts on the Fax Header are covered by black in the bottom half area.

- ➤ The default keyboard for user and password authentication login is full-width when set to Japanese.

- ➤ A Prompt is missing that tells the user to hold the hard keys to select a candidate. This is seen when using Chinese IME for selecting a candidate when using the hard key button associated to the candidate.

- ➤ A Japanese full-width SPACE character in fax header for the company name shows an erroneous character on a received fax.

- ➤ Japanese search is not available for searching Fax Speed Dial.

- ➤ The list presented for the selectable keyboard defaults to the beginning of the list instead the selected layout.

- ➤ Japanese characters may show up as garbled text when placed in the file path string for the Print feature found under the Print menu / Information tab of the Embedded Web Server

- ➤ Stroke has been removed from the sequence of input methods for Traditional Chinese using the soft touch keyboard

- ➤ Conversion list includes candidates of unexpected prediction when Simplified Chinese IME is the default.

- ➤ Conversion list includes candidates of unexpected prediction when Traditional Chinese IME is the default.

- ➤ Korean input keyboard doesn't show all the characters when the SHIFT key is on.

- ➢ Japanese IME doesn't move cursor to the first part of the string if the rest of the string includes only katakana characters.

- ➢ Korean input method doesn't construct a word with mixture of consonants and vowels. It doesn't manage the final consonant, called patch'im, for example

- ➢ The characters + - ( ) [ ] * are not available in the Fax address book fax number field

- ➢ Speed Dial number missing from printed Speed Dial list.

- ➢ Fax printing schedule does not handle 12:00 AM/PM correctly.

- ➢ Fax does not fall back to v.17 correctly, resulting in increased fax failures.

- ➢ A No Answer may occur because Retry is too soon after a failure.

- ➢ Thumbnail missing on call report for first PC Fax sent.

- ➢ Fax report headers may overlap.

- ➢ Crashes or slow response time when printing the fax activity log. Occasionally other strange fax issues occur because too many T30 traces are stored on the disk.

- ➢ Fax Call Report may fail to print when Thumbnail option is set to 'Yes'.

- ➢ Speed Dial list may not populate the Name and Number fields.

- ➢ Internal Fax firmware revision may be missing or incorrect on EWS configuration page.

- ➢ The wrong keyboard constraint is set to the Fax number field in Administration-Initial Setup-Fax Setup with Japanese keyboard for both Romaji and Hiragana keyboards.

  The input mode key label shows Alpha-Numeric Input mode with a disabled status, but the actual input mode is Hiragana with Full-width. A user cannot enter a fax number at the keyboard. When user touches a key it then clears the existing characters in the field and will no allow characters input.

Digital Sending:

- ➢ Control Panel User Interface slides off of the screen when MFP is configured with Novell Authentication

- ➢ Deleting and reconfiguring a Kerberos default realm may require a disk initialization when only one realm is configured on the MFP

- Kerberos authentication can now be properly configured using the latest version of WebJetAdmin 10.X

- Under rare circumstances, a user may not be able to initiate a send to FTP job if one is already in progress

- The HP Easy Select control panel may become unresponsive if the device is busy with other activities such as printing, digital sending or faxing.

- Some Korean characters combinations appear as if they are being combined with other characters on the HP Easy Select Control panel.

- The default keyboard for user and password authentication login is full-width when set to Japanese.

- The Digital Sending log file saved in the Log menu of the EWS Digital Sending page may contain erroneous characters when set to Japanese localization.

- A Prompt is missing that tells the user to hold the hard keys to select a candidate. This is seen when using Chinese IME for selecting a candidate when using the hard key button associated to the candidate.

- Multiple page ESNF jobs fail when the HP Easy Select Control panel language is set to Korean or Simplified Chinese

- The list presented for the selectable keyboard defaults to the beginning of the list instead the selected layout.

- Japanese characters may show up as garbled text when placed in the file path string for the Print feature found under the Print menu / Information tab of the Embedded Web Server

- The help page for the Save To Folder menu of EWS Digital Sending page displays garbled when user opens with a localized Japanese version of an internet browser.

- Stroke has been removed from the sequence of input methods for Traditional Chinese using the soft touch keyboard

- Conversion list includes candidates of unexpected prediction when Simplified Chinese IME is the default.

- Conversion list includes candidates of unexpected prediction when Traditional Chinese IME is the default.

- Korean input keyboard doesn't show all the characters when the SHIFT key is on.

- Japanese IME doesn't move cursor to the first part of the string if the rest of the string includes only katakana characters.

- Korean input method doesn't construct a word with mixture of consonants and vowels. It doesn't manage the final consonant, called patch'im, for example

- Forward slash/ Arrow Key is missing in keyboard layout for Czech, Danish and Finnish.

- PCL files generated for LANFax (with DSS) may be corrupted.

- PCL files generated for LANFax (with DSS) are always compressed.

- Disk initialization does not properly clear authentication assignments.

- Kerberos authentication fails when public credentials are used and Simple is configured as the LDAP server bind method.

- Character limit for custom email message subject has been increased for Embedded Send to Email.

- Specifying a filename disables the create directory based on username feature in embedded send to network folder.

- Initial setup of send to home directory causes erroneous "Access Denied" notification in HP Digital Send Software.

- MFPs could generate truncated Send to FTP output.

- MFPs could pass credentials multiple times when performing send to network folder.

- Embedded Send to Network Folder could fail with a 49 error when sending a PDF file to a folder with a long folder name.

- When configured to send to home folder in HP Digital Sending Software, the folder destination would not retain after changing the filename.

- Specifying a filename disables the "Create Directory Based On Username" feature in Embedded Send to Network Folder

Embedded Jet Direct:

- A 49.FF03 error may occur when performing a digital send job using Kerberos authentication

- Possible 49.FF03 errors when sending to a network folder

- MFP becomes non-responsive after and HP SIM discovery.

➢ A 49 error may be seen when DHCP NAK does not include the server ID.

➢ JDI DHCP releases the IP address during an RFU, causing some security software to react.

Current firmware revisions included in this firmware bundle

COMPONENT	FIRMWARE VERSION
HP LJ CM35530 mfp	(Datecode: 20081210 53.011.2)
Embedded JetDirect:	V.38.67.FF
Copy Processor Board (CPB):	6.033 (0.0)
Scanner Control Board (SCB):	CHE002 3.7
Analog Fax	8.6A
DC Controller:	02.061 (20)
Formatter Boot Loader	LDR 02.05

Installation Instruction

NOTE: Please be aware that an update in some circumstances may require approximately ten minutes to complete.

Upgrading firmware to a single device
You can send an .RFU 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. Press the green checkmark button.
3. Use the arrow keys and select the "INFORMATION" selection on the control panel.
4. Use the arrow keys and select the "PRINT CONFIGURATION" selection.
5. Press the green checkmark button to print the Configuration Page.

On the printed CONFIGURATION page look in the section marked "Device Information" for the firmware date code. The firmware date code will look something like this: **20080405 52.012.0**

NOTE: If the firmware update involves a change in the format of NVRAM, the NVRAM settings will be lost and must be set again by the customer.

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 will depend on a number of things including the speed of the host computer sending the update and the I/O method (parallel, 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 .RFU job in the queue will be printed before the .RFU update is processed.

NOTE: When the upgrade process has completed the printer will reboot. Once the printer is back online, print a Configuration Page and verify that the new firmware has been installed.

Using FTP from Internet Explorer
Take note of the TCP/IP address on the configuration pages.

NOTE: This method is not recommended if Internet Explorer 7 is installed on your pc due to frequent FTP timeouts. A stand-alone FTP client program is recommended.
   1. Insure the "Enable folder view for FTP sites" box is checked on the Advanced tab under Tools/Internet Options.
   2. Open the browser and type ftp://192.168.0.90 (this is an example).
   3. Use the TCP/IP address of the printer from step 1). The display will show a folder labeled Port 1.
   4. Open Windows Explorer and navigate to the directory where the .rfu file is located.
   5. Drag the rfu file from Windows Explorer to the Port 1 folder in step 2.
   6. Verify the printer's control panel displays "Performing Upgrade"

NOTE: When the upgrade process has completed the printer will reboot. Once the printer is back online, print a Configuration Page and verify that the new firmware has been installed.

Updating firmware using "HP Easy Firmware Upgrade" utility
Important Notes:

Do not power cycle the MFP or the PC during this process or the MFP may become unstable and or unusable.

Please be aware that an upgrade in some circumstance may require ten minutes or more to complete.

When the upgrade process has completed the LaserJet will reboot. Once the printer is back online, print a Configuration Page and verify that the new firmware has been installed.

Please see the section "Expected device messages during an upgrade" for more information on messages on the control panel during an upgrade.

Update process

   1. Download the HP Easy Firmware Upgrade utility file to the desktop.
   2. Double click on the HP Easy Firmware Upgrade utility file. A dialog box with the name of the printer will open.

3. Use the drop down arrow to select the printer you wish to upgrade. If the device you wish to upgrade is not in the list, you must install a print driver for the device and be able print to the device with the print driver before continuing.
4. Click on the "Send Firmware" button.
5. The progress bar will begin to move to the right indicating information is being transferred.
6. On the PC, a smiling face will appear in the HP Easy Firmware Upgrade utility dialog box when the file has completely transferred to the computers spooler.

Depending on the speed of your PC, the firmware upgrade process may or may not complete on the MFP before the progress bar on the screen completes.

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7. Once the MFP reboots the firmware upgrade will be complete.

For Windows Systems

a) Using Command Prompt:

copy /b FILENAME \\SHARENAME\PRINTERNAME

where FILENAME is the name of the .RFU file, <SHARENAME> is the name of the machine, from which the printer is being shared, and <PRINTERNAME> is the printer's share name (do not type the angle brackets).

If the device is attached locally, then the .RFU file can be sent directly to the printer with a COPY command from a command prompt or DOS window:

b) Using USB:

Before you can send a firmware upgrade through the USB port, you need to know the name of the computer the printer is connected to, and you need to enable printer sharing. These steps are for Windows® XP. Other versions of Windows operating systems are similar, with slightly different operations.

How to find out the name of your computer:
1. Click the Start button, Programs, Accessories, System Tools, and then choose System Information.
2. You will find your computer's name in the right window-pane next to System Name.
3. Write down this name as it will be needed later.

How to share the connected printer:
1. Click the Start button, Settings, then Printers and Faxes.
2. Right-click the printer you need to send the upgrade to, then choose Sharing…
3. Choose the radio button labeled Share this printer.

4. Type a name for the share. Make it short and easy to remember.
5. Click Apply and write down the share name, as it will be needed later.
1. For example: "HP LaserJet mfp"
2. How to send the firmware upgrade using a USB connection:
1. Open a DOS Command Prompt (in Windows NT® 4.0, 2000, or XP, click Start, Run, then type CMD and press OK, or in Windows 9x click Start, Programs, Accessories, and then click MSDOS Prompt.) and locate the directory where you saved the firmware file.
2. Type: copy /b filename \\computer name\share name
3. For example: copy /b ljXXXXmfpfw_0X.00X.X.rfu \\computer1\HP LaserJet mfp printer
3. Press Enter.

NOTE: When the upgrade process has completed the LaserJet will reboot. Once the printer is back online, print a Configuration Page and verify that the new firmware has been installed.

c) Using FTP:

If your HP LaserJet product uses a direct network connection, you can use file transfer protocol (FTP) to update your HP LaserJet firmware. Take note of the TCP/IP address on the configuration pages.

NOTE: Make sure that the printer is not in Powersave mode. Also, make sure that any error messages are cleared from the control panel display.

1. Open a DOS command window on your computer.
2. Type ftp <TCP/IP PRINTER ADDRESS>(for example, if the TCP/IP address is 192.168.0.90, type ftp 192.168.0.90).
3. Press ENTER on the keyboard.
4. When prompted for user name and password press ENTER for each.
5. Type *bin* at the >prompt.
6. Press ENTER.
7. Type: put <path> where <path> is the location where the .RFU file was downloaded from the Web. For example, type:

    put C:\LJXXXX\ljXXXXFW.RFU

8. Press ENTER.
9. Type "bye" at the command prompt once the download process begins and the firmware is updated on the printer
10. Press ENTER to exit the FTP session.

NOTE: When the upgrade process has completed the LaserJet will reboot. Once the printer is back online, print a Configuration Page and verify that the new firmware has been installed.

For UNIX Systems
Any method that delivers the .RFU file to the printer will work, including:

$ cp /home/yourmachine/FILENAME /dev/ <XXXX>

where XXXX is the appropriate parallel device; and where /home/yourmachine/FILENAME contains the .RFU file.

For Macintosh Systems

a) Mac OS System Terminal Application (FTP)

1. Open the Terminal application found in the Utilities folder; a terminal window will appear.
2. After the % symbol enter following information:

   ftp <<your printers IP address>>(example - % ftp 192.0.0.192)

   The terminal window will list that you are connected to the printer and the JD FTP Server is Ready.
3. Press the enter key twice. Both the Username and Password can be blank
4. Enter the following information after ftp>:

   put   <<path/Firmware   File   Name.rfu>>(Example   -   ftp>   put /users/computername/Desktop/laserjet_fw.rfu)

Note: To ensure that the entire proper path to the .rfu file is placed in the put command, type in put and a space, then click and drag the .rfu file on to the terminal window. The complete path to the file will be placed after the put command.

NOTE: When the upgrade process has completed the LaserJet will reboot. Once the printer is back online, print a Configuration Page and verify that the new firmware has been installed.

b) Remote firmware upgrade using HP Printer Utility

The HP Printer Utility is a software program that gives you access to the product in Mac OS X.

The HP Printer Utility is available in Mac OS X V10.3 and later. The HP Printer Utility does not work when it is installed by using the AppleTalk protocol.
Use IP, Bonjour, Rendezvous, or a USB connection to enable the HP Printer Utility.

The HP Printer Utility can be found on the Administrator software CD ("Admin CD") that came with the product.

If you do not have the CD, you can obtain the HP Printer Utility by downloading the latest product installer from the following Web sites:
www.hp.com/support/cljcm6030mfp or www.hp.com/support/cljcm6040mfp

Complete the following steps:

1. Open the HP Printer Utility:
2. (OS X v 10.4 and 10.5) The utility can be found in the Application/Utilities folder by choosing the HP Printer Selector.
3. (OS X v 10.3) The utility can be found in the Library/Printers/hp/Utilities folder.
4. Choose your printer from the list, Press Select and continue with step 7.
   a. If a list does not appear, click on the printer icon in the lower left corner.
   b. Choose your printer from the list, Press Select and continue with step 7.
5. If the product does not appear, click More Printers…. The Connection Type screen will appear.
6. Choose the connection type (USB or TCP/IP). Choose the product name or enter in an IP address.
7. On the Connection Type screen, click Add. The Select Printer screen will now appear.
8. Choose your printer from the List and Press Select.
9. You are now in the HP Printer Utility.
10. Select Update Firmware on the left side of the window, click Choose, browse to firmware upgrade file, and then click Open.
11. On the Update Firmware screen, click Update.

Using HP Web Jet Admin 7.x or 8.X
Download the appropriate firmware update file from hp.com to a folder on your PC or the Web JetAdmin server.
1. Start Web JetAdmin 7.x or 8.x.
2. From the Navigation section of the screen select the "Device management" selection from the dropdown menu. This is located in the top left hand section of the window.
3. Choose the "Device List " folder and select one of the following depending on what list your device/s are located under:
   ➢ All Devices
   ➢ Ungrouped Devices
   ➢ New Devices
You can also select the "Device Groups" folder if a device group has been created for the device/s you want to update

4. Once you have selected you list or group that your device is located in highlight the device/s you want to update from populated Device List or Device Groups List on the right hand section of the window.
5. Select "Update Printer Firmware from the Device Tools drop down on the top right hand section of the window.
6. Click the "Browse" button and locate the correct firmware image.
7. Select the file and Click on the "OK" button.

8. Select the "Update" button, found in the lower right portion of the window to start the update process.

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.

Using HP Web Jet Admin 10.x

NOTE: HP Web Jetadmin can be configured to get firmware details from hp.com directly. Use Tools, Options, Shared, Network, HTTP to add HTTP proxy details (if needed) and to enable "Allow download". "Allow download" is required for HP Web Jetadmin to communicate with the Internet. Once these settings are enabled, HP Web Jetadmin may be able to get firmware listing and firmware image files directly from HP.com if this is allowed on the network where HP Web Jetadmin is running.

1. Start Web Jetadmin 10.x
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 my 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.

    If the correct firmware version does not appear on the list, you will need to manually upload it. New firmware may be available on an FTP site prior to appearing on hp.com. The instructions below allow you to upload a RFU file from your local PC to WJA 10:

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 .rfu file on your local PC
5. Click "Upload"
6. Once the .rfu 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.

Expected device messages during an upgrade

The device displays three messages during a normal update process:

Printer message	Explanation
RECEIVING UPGRADE	Displayed from the time the device recognizes the beginning of an .RFU update until the time the printer has verified the validity and integrity of the .RFU update
PERFORMING UPGRADE	Displayed while the device is actually reprogramming the DIMM with the .RFU update
WAIT FOR PRINTER TO REINITIALIZE	Displayed from the time the device has finished re-programming the code until the printer reinitializes.

NOTE: To verify that the firmware update succeeded, print a Configuration page from the printer's control panel and verify the firmware datecode shown on the Configuration page is the same as the datecode of the .RFU file you downloaded.

Troubleshooting a Firmware Update

The following table lists causes and results for possible interruptions to the firmware update.

CAUSE	RESULT
Job cancelled from printer control panel	No upgrade has occurred. Resend upgrade
Break in I/O stream during send (for example, parallel cable removed)	No upgrade has occurred. Resend upgrade.
Power cycle during RECEIVING UPGRADE	No upgrade has occurred. Resend upgrade.
Power cycle during UPGRADING PRINTER	Resend upgrade.

Power cycle during WAIT FOR PRINTER TO REINITIALIZE	Upgrade completed.

Print jobs sent to the printer while an update is in process will not interrupt the update.

The following table lists possible reasons for the failure of a Remote Firmware Update and the corrective action to take for each situation.

REASON FOR FIRMWARE UPDATE FAILURE	CORRECTIVE ACTION
.RFU file corrupted	The device will recognize that the file is corrupted and will reject the update. Download the image again from the http://www.hp.com Web site and send the new file to the printer.
Wrong printer model	The device will recognize the model in .RFU file mismatch and will reject the update. Download the correct image from the http://www.hp.com Web site and send it to the printer.
Update interrupted.	No updated has occurred. Resend the upgrade package.

System Requirements
The RFU upgrade requires either, a network, USB or parallel 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 CM4730 MFP Series Support:
    http://www.hp.com/go/support
- URL for Software and Support:

http://www.hp.com/go/ljCM4730mfp_firmware
- URL for Access HP:
    http://www.hp.com
- FTP address:
    ftp://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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The IJG distribution formerly included code to read and write GIF files.
To avoid entanglement with the Unisys LZW patent, GIF reading support has
been removed altogether, and the GIF writer has been simplified to produce
"uncompressed GIFs". This technique does not use the LZW algorithm; the
resulting GIF files are larger than usual, but are readable by all standard
GIF decoders.

We are required to state that
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