

Release Notes: LW80.xx.P210

READ THIS FIRST: Special notes and considerations

- **Firmware upgrade guidelines:**
 - This firmware release is intended for all customers
- **Firmware downgrade warning:**
 - It is strongly recommended that a firmware downgrade is NOT performed.
 - Downgrading firmware from newer firmware ECs to older firmware ECs will result in the loss of Apps, Security Features, and Settings.
- **Ensure the firmware you download is the correct one for the product you have**

CUSTOMER RELEASE NOTES:

EC8.0, LW80.xx.P210, for the following devices

Changes in LW80.xx.P210:

Security Issues Addressed:

- CVE-2021-44734 Embedded web server input sanitization vulnerability
- CVE-2021-44737 PjL directory traversal vulnerability
- CVE-2021-44738 Postscript Buffer overflow

Field Issues Addressed and Other Improvements:

- Fix for 900.80 error on MX6500 devices
- Resolve an issue where copy “overlay” did not function correctly when panel language is set to a DBCS language
- Resolve multiple issues with some PDF print jobs resulting in incorrect output
- Fix for a 900.43 error when printing certain postscript print jobs
- Multiple fixes for some PCL5 print jobs resulting in incorrect output
- Fix for various 912.45 errors and 900.00 errors

Changes in LW80.xx.P013:

Security Issues Addressed:

- Cross Site Scripting Vulnerabilities
 - CVE-2019-19772
 - CVE-2019-19773
- Stored Cross Site Scripting Vulnerabilities
 - CVE-2020-10093
 - CVE-2020-10094
- TLS Protocol Vulnerability – CVE-2019-1559
- Cross Site Request Forgery Vulnerability – CVE-2020-13481
- Updated Java certificates
- Patched OpenSSL for security improvements

Field Issues Addressed and Other Improvements:

- Resolved an issue where PKCS12 file import failed due to a leading blank space
- Fix for an issue where remote op panel session was unable to be reopened after the initial session was disconnected
- Mopria Scan Certification on MFP's
- Remove Google Cloud Print items since it has been decommissioned by Google
- Fixes for various 900.xx crashes
- Wireless stability improvements
- Fix for issues resolving hostnames
- Improvements to Fax, FoIP, and Network Fax functionality
- Multiple translations updates
- Improve keystroke detection on remote operator panel
- Update included Scan to Network version to 4.9.25 for touch screen MFP's
- Improvements for scan to folder on a DFS share
- Fixes for sending emails to logged-in user (native workflows and apps)
- Multiple card reader behavior improvements
- Improve messaging of MS91x/MX91x devices with high capacity feeders attached that were not able to print after waking from sleep
- Enhanced Device Statistics reporting
- Multiple fixes for PDF errors, missing or incorrect rendering, and 900.xx crashes due to job content
- Multiple fixes for PS errors and 900.43 crashes due to specific print jobs
- Various fixes for PCL5 and PCLXL print job errors, missing characters, incorrect output, and 900.xx crashes
- Improved memory utilization

Supported Models:

Model	Firmware Version
Mono Single Function Devices	
MS310d, MS310dn (LED)	LW80.PRL.P210
MS312dn, MS317 (2-Line)	LW80.PRL.P210
MS315dn (2.4")	LW80.TL2.P210
MS410d, MS410dn (2-Line)	LW80.PRL.P210
MS415dn, MS417 (2.4")	LW80.TL2.P210
MS51x Series, MS610dn, MS617 (2.4")	LW80.PR2.P210
MS610de (4.3" eTask)	LW80.PR4.P210
MS71x Series (2.4")	LW80.DN2.P210

MS810, MS811, MS812, MS817, MS818 (2.4")	LW80.DN2.P210
MS810de (4.3" eTask)	LW80.DN4.P210
MS812de (4.3" eTask)	LW80.DN7.P210
MS91x Series (4.3" eTask)	LW80.SA.P210
Mono Multi Function Devices	
MX31x Series (2.4")	LW80.SB2.P210
MX41x Series, MX51x Series (4.3" eTask)	LW80.SB4.P210
MX61x Series (7.0" eTask)	LW80.SB7.P210
MX71x Series, MX81x Series (7.0"/10.0" eTask)	LW80.TU.P210
MX91x Series (10" eTask)	LW80.MG.P210
MX6500e	LW80.JD.P210
Color Single Function Devices	
CS31x Series (2-Line)	LW80.VYL.P210
CS41x Series (2.4")	LW80.VY2.P210
CS51x Series (4.3" eTask)	LW80.VY4.P210
Color Multi Function Devices	
CX31x Series (2.4")	LW80.GM2.P210
CX41x Series (4.3" eTask)	LW80.GM4.P210
CX51x Series (7.0" eTask)	LW80.GM7.P210

Additional notes and considerations:

- **MS310d, MS310dn, MS312dn, MS317, MS410d, and MS410dn devices:**
 - If device firmware is EC5 or older, update the device firmware first to LW50.PRL.P593 (contact Lexmark Technical Support for the file). After the device reboots, proceed to update firmware to EC6.0 or newer.

- This intermediate update is necessary due to increased code size of EC6.0 or newer and memory usage during code updates. If attempting to load EC6.0 or newer code over EC5 or older code other than LW50.PRL.P593, it can take up to or more than 90 minutes to update or it may fail completely due to an out of memory condition.
- **Non-eTask Models:**
 - If the device was originally manufactured with EC1 code or earlier, it is possible that the DBCS (Japanese, Simplified Chinese, Traditional Chinese, and Korean) characters may go missing from the front panel display after updating firmware.
 - To fix this, a updfonts.flr file needs to be sent to the device. This is a smaller version that fits in the space available with no loss of characters. Please see TE612 or contact Lexmark Technical Support if this file is needed.
- **Downgrading to EC4.0 or EC4.05:**
 - Due to changes in EC4.0 and EC5, do NOT downgrade firmware from EC5 or newer directly to EC4.0 or EC4.05 based code. EC4.0 and EC4.05 code levels have names like LW40.xx.P4xx. This will cause a non-clearable 900 Service error. Contact the TSC for instructions on how to clear this error.
 - This warning includes installing a DLE with EC4.0 or EC4.05 code into a device that currently has EC5 or newer code.
 - Code levels earlier than EC4.0 can be sent to EC5 level devices without causing a service error.
 - To downgrade EC5 or newer code to an EC4.0 or EC4.05 level, you must first load an EC4.1 based code. EC4.1 code levels have names like LW41.XX.P4xx. Once the device is at an EC4.1 level, EC4.0 code can be sent.
 - As mentioned in the firmware FAQ posted on the support site, we do not officially support downgrading firmware.