

# Lexmark Security Advisory:

Revision: 0.2  
Last update: 26 February 2024  
Public Release Date: 29 March 2024

## Summary

A firmware downgrade prevention vulnerability has been identified in newer Lexmark devices.

## References

CVE: CVE-2023-50738

ZDI: ZDI-CAN-22550

CWE: CWE-354, CWE-1328

## Details

A new feature to prevent Firmware downgrades was recently added to some Lexmark products. A method to override this downgrade protection has been identified.

Lexmark documentation recommends that access to the Firmware Updates be restricted to trusted personnel.

CVSSv3 Base Score 4.3 (AV:A/AC:L/PR:H/UI:N/S:U/C:L/I:L/A:L)  
Impact Subscore: 3.4  
Exploitability Subscore: 0.9

CVSSv3 scores are calculated in accordance with CVSS version 3.1 (<https://www.first.org/cvss/user-guide>)

## Impact

Successful exploitation of this vulnerability can lead to an attacker being able to remotely execute arbitrary code on a device.

## Affected Products

To determine a devices firmware level, select the “Settings”->“Reports”->”Menu Setting Page” menu item from the operator panel. If the firmware level listed under “Device Information” matches any level under “Affected Releases”, then upgrade to a “Fixed Release”.

Lexmark Models	Affected Releases	Fixed Releases
CX930, CX931, CX942, CX943, CX944	CXTPC.230.041 and previous CXTPC.230.075 thru CXTPC.230.086 CXTPC.230.100 thru CXTPC.230.104 CXTPC.230.200 thru CXTPC.230.209	CXTPC.230.042 thru CXTPC.230.074 CXTPC.230.087 thru CXTPC.230.099 CXTPC.230.105 thru CXTPC.230.199 CXTPC.230.210 and later
XC9325, XC9335, XC9445, XC9455, XC9465	CXTPC.230.041 and previous CXTPC.230.075 thru CXTPC.230.086 CXTPC.230.100 thru CXTPC.230.104 CXTPC.230.200 thru CXTPC.230.209	CXTPC. 230.042 thru CXTPC.230.074 CXTPC.230.087 thru CXTPC.230.099 CXTPC.230.105 thru CXTPC.230.199 CXTPC.230.210 and later

CS943	CSTPC.230.041 and previous CSTPC.230.075 thru CSTPC.230.086 CSTPC.230.100 thru CSTPC.230.104 CSTPC.230.200 thru CSTPC.230.209	CSTPC.230.042 thru CSTPC.230.074 CSTPC.230.087 thru CSTPC.230.099 CSTPC.230.105 thru CSTPC.230.199 CSTPC.230.210 and later
MX432	MXTCT.230.041 and previous MXTCT.230.075 thru MXTCT.230.086 MXTCT.230.100 thru MXTCT.230.104 MXTCT.230.200 thru MXTCT.230.209	MXTCT.230.042 thru MXTCT.230.074 MXTCT.230.087 thru MXTCT.230.099 MXTCT.230.105 thru MXTCT.230.199 MXTCT.230.210 and later
XM3142	MXTCT.230.041 and previous MXTCT.230.075 thru MXTCT.230.086 MXTCT.230.100 thru MXTCT.230.104 MXTCT.230.200 thru MXTCT.230.209	MXTCT.230.042 thru MXTCT.230.074 MXTCT.230.087 thru MXTCT.230.099 MXTCT.230.105 thru MXTCT.230.199 MXTCT.230.210 and later
MX931	MXTPM.230.041 and previous MXTPM.230.075 thru MXTPM.230.086 MXTPM.230.100 thru MXTPM.101 MXTPM.230.200 thru MXTPM.230.209	MXTPM.230.042 thru MXTPM.230.074 MXTPM.230.087 thru MXTPM.230.099 MXTPM.230.105 thru MXTPM.230.199 MXTPM.230.210 and later
CX730, CX735, CX737	CXTMM.230.041 and previous CXTMM.230.075 thru CXTMM.230.086 CXTMM.230.100 thru CXTMM.230.104 CXTMM.230.200 thru CXTMM.230.209	CXTMM.230.042 thru CXTMM.230.074 CXTMM.230.087 thru CXTMM.230.099 CXTMM.230.105 thru CXTMM.230.199 CXTMM.230.210 and later
XC4342, XC4352	CXTMM.230.041 and previous CXTMM.230.075 thru CXTMM.230.086 CXTMM.230.100 thru CXTMM.230.104 CXTMM.230.200 thru CXTMM.230.209	CXTMM.230.042 thru CXTMM.230.074 CXTMM.230.087 thru CXTMM.230.099 CXTMM.230.105 thru CXTMM.230.199 CXTMM.230.210 and later
CS730, CS735, CS737	CSTMM.230.041 and previous CSTMM.230.075 thru CSTMM.230.086 CSTMM.230.100 thru CSTMM.230.104 CSTMM.230.200 thru CSTMM.230.209	CSTMM.230.042 thru CSTMM.230.074 CSTMM.230.087 thru CSTMM.230.099 CSTMM.230.105 thru CSTMM.230.199 CSTMM.230.210 and later
C4342, C4352	CSTMM.230.041 and previous CSTMM.230.075 thru CSTMM.230.086 CSTMM.230.100 thru CSTMM.230.104 CSTMM.230.200 thru CSTMM.230.209	CSTMM.230.042 thru CSTMM.230.074 CSTMM.230.087 thru CSTMM.230.099 CSTMM.230.105 thru CSTMM.230.199 CSTMM.230.210 and later
B2236	MSLSG.230.041 and previous MSLSG.230.075 thru MSLSG.230.086 MSLSG.230.100 thru MSLSG.230.104 MSLSG.230.200 thru MSLSG.230.209	MSLSG.230.042 thru MSLSG.230.074 MSLSG.230.087 thru MSLSG.230.099 MSLSG.230.105 thru MSLSG.230.199 MSLSG.230.210 and later
MB2236	MXLSG.230.041 and previous MXLSG.230.075 thru MXLSG.230.086 MXLSG.230.100 thru MXLSG.230.104 MXLSG.230.200 thru MXLSG.230.209	MXLSG.230.042 thru MXLSG.230.074 MXLSG.230.087 thru MXLSG.230.099 MXLSG.230.105 thru MXLSG.230.199 MXLSG.230.210 and later
MS331, MS431, MS439	MSLBD.230.041 and previous MSLBD.230.075 thru MSLBD.230.086 MSLBD.230.100 thru MSLBD.230.104 MSLBD.230.200 thru MSLBD.230.209	MSLBD.230.042 thru MSLBD.230.074 MSLBD.230.087 thru MSLBD.230.099 MSLBD.230.105 thru MSLBD.230.199 MSLBD.230.210 and later
M1342	MSLBD.230.041 and previous MSLBD.230.075 thru MSLBD.230.086 MSLBD.230.100 thru MSLBD.230.104 MSLBD.230.200 thru MSLBD.230.209	MSLBD.230.042 thru MSLBD.230.074 MSLBD.230.087 thru MSLBD.230.099 MSLBD.230.105 thru MSLBD.230.199 MSLBD.230.210 and later
B3442, B3340	MSLBD.230.041 and previous MSLBD.230.075 thru MSLBD.230.086 MSLBD.230.100 thru MSLBD.230.104	MSLBD.230.042 thru MSLBD.230.074 MSLBD.230.087 thru MSLBD.230.099 MSLBD.230.105 thru MSLBD.230.199

	MSLBD.230.200 thru MSLBD.230.209	MSLBD.230.210 and later
XM1342	MXLBD.230.041 and previous MXLBD.230.075 thru MXLBD.230.086 MXLBD.230.100 thru MXLBD.230.104 MXLBD.230.200 thru MXLBD.230.209	MXLBD.230.042 thru MXLBD.230.074 MXLBD.230.087 thru MXLBD.230.099 MXLBD.230.105 thru MXLBD.230.199 MXLBD.230.210 and later
MX331, MX431	MXLBD.230.041 and previous MXLBD.230.075 thru MXLBD.230.086 MXLBD.230.100 thru MXLBD.230.104 MXLBD.230.200 thru MXLBD.230.209	MXLBD.230.042 thru MXLBD.230.074 MXLBD.230.087 thru MXLBD.230.099 MXLBD.230.105 thru MXLBD.230.199 MXLBD.230.210 and later
MB3442	MXLBD.230.041 and previous MXLBD.230.075 thru MXLBD.230.086 MXLBD.230.100 thru MXLBD.230.104 MXLBD.230.200 thru MXLBD.230.209	MXLBD.230.042 thru MXLBD.230.074 MXLBD.230.087 thru MXLBD.230.099 MXLBD.230.105 thru MXLBD.230.199 MXLBD.230.210 and later
MS321, MS421, MS521, MS621	MSNGM.230.041 and previous MSNGM.230.075 thru MSNGM.230.086 MSNGM.230.100 thru MSNGM.230.104 MSNGM.230.200 thru MSNGM.230.209	MSNGM.230.042 thru MSNGM.230.074 MSNGM.230.087 thru MSNGM.230.099 MSNGM.230.105 thru MSNGM.230.199 MSNGM.230.210 and later
M1242, M1246	MSNGM.230.041 and previous MSNGM.230.075 thru MSNGM.230.086 MSNGM.230.100 thru MSNGM.230.104 MSNGM.230.200 thru MSNGM.230.209	MSNGM.230.042 thru MSNGM.230.074 MSNGM.230.087 thru MSNGM.230.099 MSNGM.230.105 thru MSNGM.230.199 MSNGM.230.210 and later
B2338, B2442, B2546, B2650	MSNGM.230.041 and previous MSNGM.230.075 thru MSNGM.230.086 MSNGM.230.100 thru MSNGM.230.104 MSNGM.230.200 thru MSNGM.230.209	MSNGM.230.042 thru MSNGM.230.074 MSNGM.230.087 thru MSNGM.230.099 MSNGM.230.105 thru MSNGM.230.199 MSNGM.230.210 and later
MS622	MSTGM.230.041 and previous MSTGM.230.075 thru MSTGM.230.086 MSTGM.230.100 thru MSTGM.230.104 MSTGM.230.200 thru MSTGM.230.209	MSTGM.230.042 thru MSTGM.230.074 MSTGM.230.087 thru MSTGM.230.099 MSTGM.230.105 thru MSTGM.230.199 MSTGM.230.210 and later
M3250	MSTGM.230.041 and previous MSTGM.230.075 thru MSTGM.230.086 MSTGM.230.100 thru MSTGM.230.104 MSTGM.230.200 thru MSTGM.230.209	MSTGM.230.042 thru MSTGM.230.074 MSTGM.230.087 thru MSTGM.230.099 MSTGM.230.105 thru MSTGM.230.199 MSTGM.230.210 and later
MX321	MXNGM.230.041 and previous MXNGM.230.075 thru MXNGM.230.086 MXNGM.230.100 thru MXNGM.230.104 MXNGM.230.200 thru MXNGM.230.209	MXNGM.230.042 thru MXNGM.230.074 MXNGM.230.087 thru MXNGM.230.099 MXNGM.230.105 thru MXNGM.230.199 MXNGM.230.210 and later
MB2338	MXNGM.230.041 and previous MXNGM.230.075 thru MXNGM.230.086 MXNGM.230.100 thru MXNGM.230.104 MXNGM.230.200 thru MXNGM.230.209	MXNGM.230.042 thru MXNGM.230.074 MXNGM.230.087 thru MXNGM.230.099 MXNGM.230.105 thru MXNGM.230.199 MXNGM.230.210 and later
MX421, MX521, MX522, MX622	MXTGM.230.041 and previous MXTGM.230.075 thru MXTGM.230.086 MXTGM.230.100 thru MXTGM.230.104 MXTGM.230.200 thru MXTGM.230.209	MXTGM.230.042 thru MXTGM.230.074 MXTGM.230.087 thru MXTGM.230.099 MXTGM.230.105 thru MXTGM.230.199 MXTGM.230.210 and later
XM1242, XM1246, XM3250	MXTGM.230.041 and previous MXTGM.230.075 thru MXTGM.230.086 MXTGM.230.100 thru MXTGM.230.104 MXTGM.230.200 thru MXTGM.230.209	MXTGM.230.042 thru MXTGM.230.074 MXTGM.230.087 thru MXTGM.230.099 MXTGM.230.105 thru MXTGM.230.199 MXTGM.230.210 and later
MB2442, MB2546, MB2650	MXTGM.230.041 and previous MXTGM.230.075 thru MXTGM.230.086	MXTGM.230.042 thru MXTGM.230.074 MXTGM.230.087 thru MXTGM.230.099

	MXTGM.230.100 thru MXTGM.230.104 MXTGM.230.200 thru MXTGM.230.209	MXTGM.230.105 thru MXTGM.230.199 MXTGM.230.210 and later
MS725, MS821, MS823, MS825	MSNGW.230.041 and previous MSNGW.230.075 thru MSNGW.230.086 MSNGW.230.100 thru MSNGW.230.104 MSNGW.230.200 thru MSNGW.230.209	MSNGW.230.042 thru MSNGW.230.074 MSNGW.230.087 thru MSNGW.230.099 MSNGW.230.105 thru MSNGW.230.199 MSNGW.230.210 and later
B2865	MSNGW.230.041 and previous MSNGW.230.075 thru MSNGW.230.086 MSNGW.230.100 thru MSNGW.230.104 MSNGW.230.200 thru MSNGW.230.209	MSNGW.230.042 thru MSNGW.230.074 MSNGW.230.087 thru MSNGW.230.099 MSNGW.230.105 thru MSNGW.230.199 MSNGW.230.210 and later
MS822, MS826	MSTGW.230.041 and previous MSTGW.230.075 thru MSTGW.230.086 MSTGW.230.100 thru MSTGW.230.104 MSTGW.230.200 thru MSTGW.230.209	MSTGW.230.042 thru MSTGW.230.074 MSTGW.230.087 thru MSTGW.230.099 MSTGW.230.105 thru MSTGW.230.199 MSTGW.230.210 and later
M5255, M5270	MSTGW.230.041 and previous MSTGW.230.075 thru MSTGW.230.086 MSTGW.230.100 thru MSTGW.230.104 MSTGW.230.200 thru MSTGW.230.209	MSTGW.230.042 thru MSTGW.230.074 MSTGW.230.087 thru MSTGW.230.099 MSTGW.230.105 thru MSTGW.230.199 MSTGW.230.210 and later
MX721, MX722, MX725, MX822, MX826	MXTGW.230.041 and previous MXTGW.230.075 thru MXTGW.230.086 MXTGW.230.100 thru MXTGW.230.104 MXTGW.230.200 thru MXTGW.230.209	MXTGW.230.042 thru MXTGW.230.074 MXTGW.230.087 thru MXTGW.230.099 MXTGW.230.105 thru MXTGW.230.199 MXTGW.230.210 and later
XM5365, XM5370, XM7355, XM7370	MXTGW.230.041 and previous MXTGW.230.075 thru MXTGW.230.086 MXTGW.230.100 thru MXTGW.230.104 MXTGW.230.200 thru MXTGW.230.209	MXTGW.230.042 thru MXTGW.230.074 MXTGW.230.087 thru MXTGW.230.099 MXTGW.230.105 thru MXTGW.230.199 MXTGW.230.210 and later
MB2770	MXTGW.230.041 and previous MXTGW.230.075 thru MXTGW.230.086 MXTGW.230.100 thru MXTGW.230.104 MXTGW.230.200 thru MXTGW.230.209	MXTGW.230.042 thru MXTGW.230.074 MXTGW.230.087 thru MXTGW.230.099 MXTGW.230.105 thru MXTGW.230.199 MXTGW.230.210 and later
C3426	CSLBN.230.041 and previous CSLBN.230.075 thru CSLBN.230.086 CSLBN.230.100 thru CSLBN.230.104 CSLBN.230.200 thru CSLBN.230.209	CSLBN.230.042 thru CSLBN.230.074 CSLBN.230.087 thru CSLBN.230.099 CSLBN.230.105 thru CSLBN.230.199 CSLBN.230.210 and later
CS431, CS439	CSLBN.230.041 and previous CSLBN.230.075 thru CSLBN.230.086 CSLBN.230.100 thru CSLBN.230.104 CSLBN.230.200 thru CSLBN.230.209	CSLBN.230.042 thru CSLBN.230.074 CSLBN.230.087 thru CSLBN.230.099 CSLBN.230.105 thru CSLBN.230.199 CSLBN.230.210 and later
CS331	CSLBL.230.041 and previous CSLBL.230.075 thru CSLBL.230.086 CSLBL.230.100 thru CSLBL.230.104 CSLBL.230.200 thru CSLBL.230.209	CSLBL.230.042 thru CSLBL.230.074 CSLBL.230.087 thru CSLBL.230.099 CSLBL.230.105 thru CSLBL.230.199 CSLBL.230.210 and later
C3224, C3326	CSLBL.230.041 and previous CSLBL.230.075 thru CSLBL.230.086 CSLBL.230.100 thru CSLBL.230.104 CSLBL.230.200 thru CSLBL.230.209	CSLBL.230.042 thru CSLBL.230.074 CSLBL.230.087 thru CSLBL.230.099 CSLBL.230.105 thru CSLBL.230.199 CSLBL.230.210 and later
C2326	CSLBN.230.041 and previous CSLBN.230.075 thru CSLBN.230.086 CSLBN.230.100 thru CSLBN.230.104 CSLBN.230.200 thru CSLBN.230.209	CSLBN.230.042 thru CSLBN.230.074 CSLBN.230.087 thru CSLBN.230.099 CSLBN.230.105 thru CSLBN.230.199 CSLBN.230.210 and later
MC3426	CXLBN.230.041 and previous	CXLBN.230.042 thru CXLBN.230.074

	CXLBN.230.075 thru CXLBN.230.086 CXLBN.230.100 thru CXLBN.230.104 CXLBN.230.200 thru CXLBN.230.209	CXLBN.230.087 thru CXLBN.230.099 CXLBN.230.105 thru CXLBN.230.199 CXLBN.230.210 and later
CX431	CXLBN.230.041 and previous CXLBN.230.075 thru CXLBN.230.086 CXLBN.230.100 thru CXLBN.230.104 CXLBN.230.200 thru CXLBN.230.209	CXLBN.230.042 thru CXLBN.230.074 CXLBN.230.087 thru CXLBN.230.099 CXLBN.230.105 thru CXLBN.230.199 CXLBN.230.210 and later
XC2326	CXLBN.230.041 and previous CXLBN.230.075 thru CXLBN.230.086 CXLBN.230.100 thru CXLBN.230.104 CXLBN.230.200 thru CXLBN.230.209	CXLBN.230.042 thru CXLBN.230.074 CXLBN.230.087 thru CXLBN.230.099 CXLBN.230.105 thru CXLBN.230.199 CXLBN.230.210 and later
MC3426	CXLBN.230.041 and previous CXLBN.230.075 thru CXLBN.230.086 CXLBN.230.100 thru CXLBN.230.104 CXLBN.230.200 thru CXLBN.230.209	CXLBN.230.042 thru CXLBN.230.074 CXLBN.230.087 thru CXLBN.230.099 CXLBN.230.105 thru CXLBN.230.199 CXLBN.230.210 and later
MC3224, MC3326	CXLBL.230.041 and previous CXLBL.230.075 thru CXLBL.230.086 CXLBL.230.100 thru CXLBL.230.104 CXLBL.230.200 thru CXLBL.230.209	CXLBL.230.042 thru CXLBL.230.074 CXLBL.230.087 thru CXLBL.230.099 CXLBL.230.105 thru CXLBL.230.199 CXLBL.230.210 and later
CX331	CXLBL.230.041 and previous CXLBL.230.075 thru CXLBL.230.086 CXLBL.230.100 thru CXLBL.230.104 CXLBL.230.200 thru CXLBL.230.209	CXLBL.230.042 thru CXLBL.230.074 CXLBL.230.087 thru CXLBL.230.099 CXLBL.230.105 thru CXLBL.230.199 CXLBL.230.210 and later
CS622	CSTZJ.230.041 and previous CSTZJ.230.075 thru CSTZJ.230.086 CSTZJ.230.100 thru CSTZJ.230.104 CSTZJ.230.200 thru CSTZJ.230.209	CSTZJ.230.042 thru CSTZJ.230.074 CSTZJ.230.087 thru CSTZJ.230.099 CSTZJ.230.105 thru CSTZJ.230.199 CSTZJ.230.210 and later
C2240	CSTZJ.230.041 and previous CSTZJ.230.075 thru CSTZJ.230.086 CSTZJ.230.100 thru CSTZJ.230.104 CSTZJ.230.200 thru CSTZJ.230.209	CSTZJ.230.042 thru CSTZJ.230.074 CSTZJ.230.087 thru CSTZJ.230.099 CSTZJ.230.105 thru CSTZJ.230.199 CSTZJ.230.210 and later
CS421, CS521	CSNZJ.230.041 and previous CSNZJ.230.075 thru CSNZJ.230.086 CSNZJ.230.100 thru CSNZJ.230.104 CSNZJ.230.200 thru CSNZJ.230.209	CSNZJ.230.042 thru CSNZJ.230.074 CSNZJ.230.087 thru CSNZJ.230.099 CSNZJ.230.105 thru CSNZJ.230.199 CSNZJ.230.210 and later
C2325, C2425, C2535	CSNZJ.230.041 and previous CSNZJ.230.075 thru CSNZJ.230.086 CSNZJ.230.100 thru CSNZJ.230.104 CSNZJ.230.200 thru CSNZJ.230.209	CSNZJ.230.042 thru CSNZJ.230.074 CSNZJ.230.087 thru CSNZJ.230.099 CSNZJ.230.105 thru CSNZJ.230.199 CSNZJ.230.210 and later
CX522, CX622, CX625	CXTZJ.230.041 and previous CXTZJ.230.075 thru CXTZJ.230.086 CXTZJ.230.100 thru CXTZJ.230.104 CXTZJ.230.200 thru CXTZJ.230.209	CXTZJ.230.042 thru CXTZJ.230.074 CXTZJ.230.087 thru CXTZJ.230.099 CXTZJ.230.105 thru CXTZJ.230.199 CXTZJ.230.210 and later
XC2235, XC4240	CXTZJ.230.041 and previous CXTZJ.230.075 thru CXTZJ.230.086 CXTZJ.230.100 thru CXTZJ.230.104 CXTZJ.230.200 thru CXTZJ.230.209	CXTZJ.230.042 thru CXTZJ.230.074 CXTZJ.230.087 thru CXTZJ.230.099 CXTZJ.230.105 thru CXTZJ.230.199 CXTZJ.230.210 and later
MC2535, MC2640	CXTZJ.230.041 and previous CXTZJ.230.075 thru CXTZJ.230.086 CXTZJ.230.100 thru CXTZJ.230.104 CXTZJ.230.200 thru CXTZJ.230.209	CXTZJ.230.042 thru CXTZJ.230.074 CXTZJ.230.087 thru CXTZJ.230.099 CXTZJ.230.105 thru CXTZJ.230.199 CXTZJ.230.210 and later

CX421	CXNZJ.230.041 and previous CXNZJ.230.075 thru CXNZJ.230.086 CXNZJ.230.100 thru CXNZJ.230.104 CXNZJ.230.200 thru CXNZJ.230.209	CXNZJ.230.042 thru CXNZJ.230.074 CXNZJ.230.087 thru CXNZJ.230.099 CXNZJ.230.105 thru CXNZJ.230.199 CXNZJ.230.210 and later
MC2325, MC2425	CXNZJ.230.041 and previous CXNZJ.230.075 thru CXNZJ.230.086 CXNZJ.230.100 thru CXNZJ.230.104 CXNZJ.230.200 thru CXNZJ.230.209	CXNZJ.230.042 thru CXTTP.230.074 CXTTP.230.087 thru CXTTP.230.099 CXTTP.230.105 thru CXTTP.230.199 CXTTP.230.210 and later
CX820, CX825, CX827, CX860	CXTTP.230.041 and previous CXTTP.230.075 thru CXTTP.230.086 CXTTP.230.100 thru CXTTP.230.104 CXTTP.230.200 thru CXTTP.230.209	CXTTP.230.042 thru CXTPC.230.074 CXTPC.230.087 thru CXTPC.230.099 CXTPC.230.105 thru CXTPC.230.199 CXTPC.230.210 and later
XC6152, XC6153, XC8155, XC8160, XC8163	CXTTP.230.041 and previous CXTTP.230.075 thru CXTTP.230.086 CXTTP.230.100 thru CXTTP.230.104 CXTTP.230.200 thru CXTTP.230.209	CXTTP.230.042 thru CXTTP.230.074 CXTTP.230.087 thru CXTTP.230.099 CXTTP.230.105 thru CXTTP.230.199 CXTTP.230.210 and later
CS820, CS827	CSTPP.230.041 and previous CSTPP.230.075 thru CSTPP.230.086 CSTPP.230.100 thru CSTPP.230.104 CSTPP.230.200 thru CSTPP.230.209	CSTPP.230.042 thru CSTPP.230.074 CSTPP.230.087 thru CSTPP.230.099 CSTPP.230.105 thru CSTPP.230.199 CSTPP.230.210 and later
C6160	CSTPP.230.041 and previous CSTPP.230.075 thru CSTPP.230.086 CSTPP.230.100 thru CSTPP.230.104 CSTPP.230.200 thru CSTPP.230.209	CSTPP.230.042 thru CSTPP.230.074 CSTPP.230.087 thru CSTPP.230.099 CSTPP.230.105 thru CSTPP.230.199 CSTPP.230.210 and later
CS720, CS725, CS727, CS728	CSTAT.230.041 and previous CSTAT.230.075 thru CSTAT.230.086 CSTAT.230.100 thru CSTAT.230.104 CSTAT.230.200 thru CSTAT.230.209	CSTAT.230.042 thru CSTAT.230.074 CSTAT.230.087 thru CSTAT.230.099 CSTAT.230.105 thru CSTAT.230.199 CSTAT.230.210 and later
C4150	CSTAT.230.041 and previous CSTAT.230.075 thru CSTAT.230.086 CSTAT.230.100 thru CSTAT.230.104 CSTAT.230.200 thru CSTAT.230.209	CSTAT.230.042 thru CSTAT.230.074 CSTAT.230.087 thru CSTAT.230.099 CSTAT.230.105 thru CSTAT.230.199 CSTAT.230.210 and later
CX725, CX727	CXTAT.230.041 and previous CXTAT.230.075 thru CXTAT.230.086 CXTAT.230.100 thru CXTAT.230.104 CXTAT.230.200 thru CXTAT.230.209	CXTAT.230.042 thru CXTAT.230.074 CXTAT.230.087 thru CXTAT.230.099 CXTAT.230.105 thru CXTAT.230.199 CXTAT.230.210 and later
XC4140, XC4143, XC4150, XC4153	CXTAT.230.041 and previous CXTAT.230.075 thru CXTAT.230.086 CXTAT.230.100 thru CXTAT.230.104 CXTAT.230.200 thru CXTAT.230.209	CXTAT.230.042 thru CXTAT.230.074 CXTAT.230.087 thru CXTAT.230.099 CXTAT.230.105 thru CXTAT.230.199 CXTAT.230.210 and later
CS921, CS923, CS927	CSTMH.230.041 and previous CSTMH.230.075 thru CSTMH.230.086 CSTMH.230.100 thru CSTMH.230.104 CSTMH.230.200 thru CSTMH.230.209	CSTMH.230.042 thru CSTMH.230.074 CSTMH.230.087 thru CSTMH.230.099 CSTMH.230.105 thru CSTMH.230.199 CSTMH.230.210 and later
C9235	CSTMH.230.041 and previous CSTMH.230.075 thru CSTMH.230.086 CSTMH.230.100 thru CSTMH.230.104 CSTMH.230.200 thru CSTMH.230.209	CSTMH.230.042 thru CSTMH.230.074 CSTMH.230.087 thru CSTMH.230.099 CSTMH.230.105 thru CSTMH.230.199 CSTMH.230.210 and later
CX920, CX921, CX922, CX923, CX924	CXTMH.230.041 and previous CXTMH.230.075 thru CXTMH.230.086 CXTMH.230.100 thru CXTMH.230.104	CXTMH.230.042 thru CXTMH.230.074 CXTMH.230.087 thru CXTMH.230.099 CXTMH.230.105 thru CXTMH.230.199

	CXTMH.230.200 thru CXTMH.230.209	CXTMH.230.210 and later
XC9225, XC9235, XC9245, XC9255, XC9265	CXTMH.230.041 and previous CXTMH.230.075 thru CXTMH.230.086 CXTMH.230.100 thru CXTMH.230.104 CXTMH.230.200 thru CXTMH.230.209	CXTMH.230.042 thru CXTMH.230.074 CXTMH.230.087 thru CXTMH.230.099 CXTMH.230.105 thru CXTMH.230.199 CXTMH.230.210 and later
MS531, MS631	MSNSN.222.031 and previous MSNSN.230.001 thru MSNSN.230.041 MSNSN.230.075 thru MSNSN.230.086 MSNSN.230.100 thru MSNSN.230.104 MSNSN.230.200 thru MSNSN.230.209	MSNSN.222.032 thru MSNSN.222.999 MSNSN.230.042 thru MSNSN.230.074 MSNSN.230.087 thru MSNSN.230.099 MSNSN.230.105 thru MSNSN.230.199 MSNSN.230.210 and later
MS632, M3350	MSTSN.222.031 and previous MSTSN.230.001 thru MSTSN.230.041 MSTSN.230.075 thru MSTSN.230.086 MSTSN.230.100 thru MSTSN.230.104 MSTSN.230.200 thru MSTSN.230.209	MSTSN.222.032 thru MSTSN.222.999 MSTSN.230.042 thru MSTSN.230.074 MSTSN.230.087 thru MSTSN.230.099 MSTSN.230.105 thru MSTSN.230.199 MSTSN.230.210 and later
MX532, MX632, XM3350	MXTSN.222.031 and previous MXTSN.230.001 thru MXTSN.230.041 MXTSN.230.075 thru MXTSN.230.086 MXTSN.230.100 thru MXTSN.230.104 MXTSN.230.200 thru MXTSN.230.209	MXTSN.222.032 thru MXTSN.222.999 MXTSN.230.042 thru MXTSN.230.074 MXTSN.230.087 thru MXTSN.230.099 MXTSN.230.105 thru MXTSN.230.199 MXTSN.230.210 and later
CS531, C2335	CSNGV.222.031 and previous CSNGV.230.001 thru CSNGV.230.041 CSNGV.230.075 thru CSNGV.230.086 CSNGV.230.100 thru CSNGV.230.104 CSNGV.230.200 thru CSNGV.230.209	CSNGV.222.032 thru CSNGV.222.999 CSNGV.230.042 thru CSNGV.230.074 CSNGV.230.087 thru CSNGV.230.099 CSNGV.230.105 thru CSNGV.230.199 CSNGV.230.210 and later
CS632	CSTGV.222.031 and previous CSTGV.230.001 thru CSTGV.230.041 CSTGV.230.075 thru CSTGV.230.086 CSTGV.230.100 thru CSTGV.230.104 CSTGV.230.200 thru CSTGV.230.209	CSTGV.222.032 thru CSTGV.222.999 CSTGV.230.042 thru CSTGV.230.074 CSTGV.230.087 thru CSTGV.230.099 CSTGV.230.105 thru CSTGV.230.199 CSTGV.230.210 and later
CX532, CX635, XC2335	CXTGV.222.031 and previous CXTGV.230.001 thru CXTGV.230.041 CXTGV.230.075 thru CXTGV.230.086 CXTGV.230.100 thru CXTGV.230.104 CXTGV.230.200 thru CXTGV.230.209	CXTGV.222.032 thru CXTGV.222.999 CXTGV.230.042 thru CXTGV.230.074 CXTGV.230.087 thru CXTGV.230.099 CXTGV.230.105 thru CXTGV.230.199 CXTGV.230.210 and later
MS315, MS415, MS417	LW90.TL2.P209 and previous	LW90.TL2.P210 and later
MS510, MS517, MS610dn, MS617	LW90.PR2.P209 and previous	LW90.PR2.P210 and later
M1140+, M1145, M3150dn	LW90.PR2.P209 and previous	LW90.PR2.P210 and later
MS610de, M3150de	LW90.PR4.P209 and previous	LW90.PR4.P210 and later
MX410, MX417, MX510, MX511, MX517	LW90.SB4.P209 and previous	LW90.SB4.P210 and later
XM1140, XM1145	LW90.SB4.P209 and previous	LW90.SB4.P210 and later
MX610, MX611, MX617	LW90.SB7.P209 and previous	LW90.SB7.P210 and later
XM3150	LW90.SB7.P209 and previous	LW90.SB7.P210 and later
MS710, MS711, MS810dn, MS811, MS812dn, MS817,	LW90.DN2.P209 and previous	LW90.DN2.P210 and later

MS818		
M5163dn	LW90.DN2.P209 and previous	LW90.DN2.P210 and later
MS810de	LW90.DN4.P209 and previous	LW90.DN4.P210 and later
M5155, M5163de	LW90.DN4.P209 and previous	LW90.DN4.P210 and later
MS812de	LW90.DN7.P209 and previous	LW90.DN7.P210 and later
M5170	LW90.DN7.P209 and previous	LW90.DN7.P210 and later
MX710, MX711, MX717, MX718, MX810, MX811, MX812	LW90.TU.P209 and previous	LW90.TU.P210 and later
XM5163, XM5170, XM5263, XM5270, XM7155, XM7163, XM7170, XM7263, XM7270	LW90.TU.P209 and previous	LW90.TU.P210 and later
MS911	LW90.SA.P209 and previous	LW90.SA.P210 and later
MX910, MX911, MX912	LW90.MG.P209 and previous	LW90.MG.P210 and later
XM9145, XM9155, XM9165	LW90.MG.P209 and previous	LW90.MG.P210 and later
MX6500e	LW90.JD.P209 and previous	LW90.JD.P210 and later
CS510, CS517	LW90.VY4.P209 and previous	LW90.VY4.P210 and later
C2132	LW90.VY4.P209 and previous	LW90.VY4.P210 and later
CX410, CX417	LW90.GM4.P209 and previous	LW90.GM4.P210 and later
XC2130	LW90.GM4.P209 and previous	LW90.GM4.P210 and later
CX510, CX517	LW90.GM7.P209 and previous	LW90.GM7.P210 and later
XC2132	LW90.GM7.P209 and previous	LW90.GM7.P210 and later

## ***Obtaining Updated Software***

To obtain firmware that resolves this issue or if you have special code, please contact Lexmark's Technical Support Center at <http://support.lexmark.com> to find your local support center.

## ***Workarounds***

To block the ability of untrusted users to perform firmware updates, go to Settings->Security->Login Methods->Public->Manage Permissions->Device Management and uncheck "Firmware Updates"

Lexmark recommends a firmware update if your device has affected firmware.

## ***Exploitation and Public Announcements***

Lexmark is not aware of any malicious use against Lexmark products of the vulnerability described in this advisory.

Lexmark would like to thank Foundry Zero working with Trend Micro's Zero Day Initiative (ZDI) for bringing this issue to our attention.

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## **Revision History**

<u>Revision</u>	<u>Date</u>	<u>Reason</u>
0.1	20 December 2023	Initial Draft
0.2	26 February 2024	Added Impacted Firmware Versions