

# Lexmark Security Advisory:

Revision: 1.0  
Last update: 18 August 2023  
Public Release Date: 25 August 2023

## Summary

An XML external entity (XXE) vulnerability exists in older Lexmark devices.

## References

CVE: CVE-2023-40239

CWE: CWE-611

## Details

An XML external entity (XXE) vulnerability exists in older Lexmark devices. This vulnerability can be leveraged by an attacker to extract information from the device.

CVSSv3 Base Score 6.8 (AV:N/AC:L/PR:H/UI:N/S:C/C:H/I:N/A:N)  
Impact Subscore: 4.0  
Exploitability Subscore: 2.3

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 extract information from the 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
CS310, CS317	LW80.VYL.P245 and previous	LW80.VYL.P246 and later
CS410, CS417	LW80.VY2.P245 and previous	LW80.VY2.P246 and later
CS510, CS517	LW80.VY4.P245 and previous	LW80.VY4.P246 and later
C2132	LW80.VY4.P245 and previous	LW80.VY4.P246 and later
CX310, CX317	LW80.GM2.P245 and previous	LW80.GM2.P246 and later
CX410, CX417	LW80.GM4.P245 and previous	LW80.GM4.P246 and later
XC2130	LW80.GM4.P245 and previous	LW80.GM4.P246 and later
CX510, CX517	LW80.GM7.P245 and previous	LW80.GM7.P246 and later
XC2132	LW80.GM7.P245 and previous	LW80.GM7.P246 and later
MS310, MS312, MS317, MS410	LW80.PRL.P245 and previous	LW80.PRL.P246 and later
M1140	LW80.PRL.P245 and previous	LW80.PRL.P246 and later
MS315, MS415, MS417	LW80.TL2.P245 and previous	LW80.TL2.P246 and later
MS510, MS517, MS610dn,	LW80.PR2.P245 and previous	LW80.PR2.P246 and later

MS617		
M1140+, M1145, M3150dn	LW80.PR2.P245 and previous	LW80.PR2.P246 and later
MS610de, M3150de	LW80.PR4.P245 and previous	LW80.PR4.P246 and later
MS710, MS711, MS810dn, MS811, MS812dn, MS817, MS818	LW80.DN2.P245 and previous	LW80.DN2.P246 and later
M5163dn	LW80.DN2.P245 and previous	LW80.DN2.P246 and later
MS810de	LW80.DN4.P245 and previous	LW80.DN4.P246 and later
M5155, M5163de	LW80.DN4.P245 and previous	LW80.DN4.P246 and later
MS812de	LW80.DN7.P245 and previous	LW80.DN7.P246 and later
M5170	LW80.DN7.P245 and previous	LW80.DN7.P246 and later
MS911	LW80.SA.P245 and previous	LW80.SA.P246 and later
MX310, MX317	LW80.SB2.P245 and previous	LW80.SB2.P246 and later
XM1135	LW80.SB2.P245 and previous	LW80.SB2.P246 and later
MX410, MX417, MX510, MX511, MX517	LW80.SB4.P245 and previous	LW80.SB4.P246 and later
XM1140, XM1145	LW80.SB4.P245 and previous	LW80.SB4.P246 and later
MX610, MX611, MX617	LW80.SB7.P245 and previous	LW80.SB7.P246 and later
XM3150	LW80.SB7.P245 and previous	LW80.SB7.P246 and later
MX710, MX711, MX717, MX718, MX810, MX811, MX812	LW80.TU.P245 and previous	LW80.TU.P246 and later
XM5163, XM5170, XM5263, XM5270, XM7155, XM7163, XM7170, XM7263, XM7270	LW80.TU.P245 and previous	LW80.TU.P246 and later
MX910, MX911, MX912	LW80.MG.P245 and previous	LW80.MG.P246 and later
XM9145, XM9155, XM9165	LW80.MG.P245 and previous	LW80.MG.P246 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***

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 Stephen Yackey of Securifera for bringing this issue to our attention.

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## ***Distribution***

This advisory is posted on Lexmark's web site at <http://support.lexmark.com/alerts>  
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## ***Revision History***

<u>Revision</u>	<u>Date</u>	<u>Reason</u>
1.0	18 Aug 2023	Initial Public Release