



**ZEBRA**

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Dear Zebra Printer Customers,

Topic or Information: Ghost Vulnerability

Applies To: All Zebra Printers

Details:

The following provides some initial guidance to Zebra customers on the potential impact of this issue:

The GHOST vulnerability is a serious weakness in the Linux glibc library. It allows attackers to remotely take complete control of the target system without having any prior knowledge of system credentials. This buffer overflow vulnerability can be triggered both locally and remotely. CVE-2015-0235 has been assigned to this issue. This susceptibility is referred to as the GHOST vulnerability because it can be triggered by the GetHOST functions.

The following table summarizes the results of our investigation.

Products	Information
Link-OS	QNX does not use the GNU library at all. Also, QNX did an internal audit of their code and found no buffer overflow flaws.
Legacy Stationary	Investigation shows that there is no apparent relationship between the glibc from our tool chain and the GNU glibc.
Legacy Mobile	Investigation shows that there is no apparent relationship between the glibc from our tool chain and the GNU glibc.
Card ZXP7,8	The ZXP7 & ZXP8 use Newlib ( <a href="http://en.wikipedia.org/wiki/Newlib">http://en.wikipedia.org/wiki/Newlib</a> ) instead of GNU glibc
Card P110,330, ZXP3, and older products	Investigation shows that there is no apparent relationship between the glibc from our tool chain and the GNU glibc.
Software	GNU glibc is not used in any of our code. It is possible that a customer could use a version of Java that is vulnerable, but they would have received that from a 3rd party as we do not provide a Java run time environment with our software.



Additional Information:

Zebra Technologies Corporation ("Zebra") is aware of recent vulnerability reports that impact "Linux glibc library" and Zebra is actively investigating the potential impact of these issues on Zebra products. The "Common Vulnerabilities and Exposures ("CVE")" system provides a reference-method for publicly known information-security vulnerabilities and exposures, and the "Ghost" issue has been assigned the following CVE number and is also known as the "Ghost" vulnerability:

<https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2015-0235>

Sincerely,

  
James M. Rehberger  
Director, AIT Product Security