

DATE:

May 9, 2017

PRODUCT:

NET+OS

REASON:

Critical “Misfortune Cookie” Vulnerabilities (CVE-2014-9222 and CVE-2014-9923)

PART NUMBERS AFFECTED (SKUs):

See appendix

NOTICE:

The Digi Security Office has categorized the security vulnerabilities CVE-2014-9222 and CVE-2014-9913 (“Misfortune Cookie”) as critical vulnerabilities that are impacting a number of Digi legacy product platforms using a problematic “RomPager” embedded web server component provided by software vendor AllegroSoft.

Digi International strongly recommends that customers immediately evaluate the risk of the vulnerabilities in their specific environment, and either disable the web server for device management or upgrade to the updated Digi firmware to address the vulnerabilities.

The vulnerabilities exist in the cookie processing and authentication digest code that is part of the AllegroSoft software component. The CVE-2014-9222 vulnerability can be used to remotely reset administrator passwords to gain full web-based device management access to the devices, and vulnerability CVE-2014-9223 can be used to create a denial of service situation and a forced reboot of the targeted device. This is particularly affecting devices placed in network environments that are not in isolated (“private”) network environments.

Please note that only the web server based device management of the affected products is vulnerable to the listed CVEs. Other network based device management methods, such as SSH and/or Digi Remote Manager, are not vulnerable.

Patches for NET+OS 7.5 and 7.4.2 are available for download on the Digi technical support website. Please contact us if you are using earlier NET+OS versions requiring a patch to discuss available options.

For additional information and guidance on the CVEs listed please visit the Digi Security Center online at <https://www.digi.com/resources/security>.

If you have any additional questions or concerns, please contact the Digi technical support experts online at www.digi.com/support.

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