Technical Bulletin CS-18-02

Spectralink impacts from Spectre & Meltdown

This technical bulletin explains the impacts to Spectralink products from the recently identified vulnerabilities, Spectre and Meltdown.

System Affected

All Spectralink product lines

Description

Recently it was announced that there is a vulnerability to certain hardware platforms called Spectre & Meltdown. Each of these vulnerabilities impact processing hardware differently. Spectralink products utilize a variety of different processing platforms, not all of which are impacted by these vulnerabilities. We'll cover each product line individually below.

Spectralink PIVOT

The Spectralink PIVOT products are vulnerable only to the Spectre exploit. There are two variants of the Spectre vulnerability:

- CVE-2017-5753 (Spectre Variant 1), checking of untrusted values
- CVE-2017-5715 (Spectre Variant 2), branch target injection

Spectralink is reliant on the hardware manufacturer and Google for the necessary patches to prevent these vulnerabilities from being exploited. As those patches become available, Spectralink will be integrating those patches and making software releases to combat those vulnerabilities. This process will take some time to complete so check back frequently for status updates.

Spectralink DECT

Spectralink DECT products are not vulnerable to the Meltdown nor the Spectre exploits. This product is very locked down and runs proprietary software that does not allow for loading or running of non-Spectralink software. There is no need for any software changes.

Spectralink 84-Series

The Spectralink 84-Series handsets are vulnerable to the Meltdown and the Spectre exploits. However, the software running on the 84-Series handsets is proprietary and does not permit for the loading or running of code that is not created by Spectralink. There are potential risks via the built in browser being used to exploit the phone. But it is highly unlikely that the phone will ever communicate with any websites that are not trusted. There are currently no plans for software changes.

Summary

None of the Spectralink product lines are affected by the Meltdown vulnerability. Only the PIVOT product is affected by the Spectre vulnerability. If you require additional information on either of these vulnerabilities, please review the website setup for these vulnerabilities: https://meltdownattack.com/

If you require additional support from Spectralink on understanding these vulnerabilities and how they affect our products, please contact your Spectralink support team: http://support.spectralink.com/contact-support

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Warranty

The *Product Warranty and Software License and Warranty* and other support documents are available at http://support.spectralink.com.

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