

**Real Time Logic, Inc.**

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DATE: 09 JANUARY 2018

<b>PRODUCT MODEL NAME:</b>	Multiple Products Affected
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## Reason for Bulletin

There have been numerous recent reports in the media regarding the Meltdown and Spectre vulnerabilities which affect many modern CPUs. The purpose of this bulletin is to inform our customers that Kratos RT Logic is aware of these vulnerabilities and is currently assessing the potential impact to our products.

## Background

New vulnerabilities known as Spectre and Meltdown published on January 3, 2018 (CVE-2017-5715, CVE-2017-5753, CVE-2017-5754) affect many modern CPUs. These vulnerabilities are relevant to Kratos RT Logic products which contain affected CPUs (Intel, AMD, ARM). To-date there have not been any real-world exploits of these vulnerabilities reported and they are not subject to remote command exploitation. Customers following accepted best practices and operating in secure environments have lower risk.

## Resolution

Mitigating these vulnerabilities may require BIOS firmware updates and/or Operating System Patches. Kratos RT Logic is installing and testing patches from the official repositories as they become available. There are reported performance impacts associated with OS patches, the potential severity of which ranges drastically depending on the running applications. This bulletin will be updated with patch guidance after more information is available. Customers who are enrolled in our OEM IA Hardening Service will receive patches pending successful testing in their next scheduled IA update.

Kratos RT Logic takes the security of our customer's systems seriously. As always, if you have questions regarding the security of your Kratos RT Logic system, a specific issue, such as Meltdown/Spectre, or patch availability, please contact our Customer Support team at [support@rtlogic.com](mailto:support@rtlogic.com) or (719) 867-6099 for assistance.

**CONTACT INFORMATION FOR TECHNICAL QUESTIONS:**

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