



## Cyber Security Notification

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### Cyber Security Notification - Meltdown & Spectre

Update Date: 2018-08-23

#### Notice

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#### Affected Products

At the time of this publication, we are still investigating the affected ABB products. However, all ABB products that run on affected processors are potentially affected.

#### Summary

On January 3<sup>rd</sup>, 2018 two vulnerabilities, Meltdown (CVE-2017-5754) and Spectre (CVE-2017-5753 and CVE-2017-5715), affecting processors were made public.

Meltdown and Spectre are two vulnerabilities that affect processors and permit attackers to gain unauthorized access to a computer's memory. Subsequently, a successful exploit could allow attackers to gain access to any sensitive data, including passwords or cryptographic keys. Exploiting these vulnerabilities requires external code to be executed on the target.



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The vulnerabilities do not target any ABB products specifically, but potentially affect products that use affected processors in general.

### Recommended immediate actions

ABB recommends to strictly follow the guidelines as published in the relevant documentation of the respective product(s).

Additional recommendations:

- Networks used for Industrial Control Systems should always be segregated from enterprise and/or public networks.
- Install validated patches according to ABB's patch qualification and further product specific recommendations.
- Install the updated virus definition files for the recommended / supported malware protection solution.
- Prevent or reduce the execution of external code on Industrial Control Systems.

### Product related recommended immediate actions

The following product specific notifications are available:

- SECURITY Notification - Meltdown & Spectre, impact on System 800xA, <http://search.abb.com/library/Download.aspx?DocumentID=3BSE091052&LanguageCode=en&DocumentPartId=&Action=Launch>.  
This document and more relevant information is available for registered users on [myABB/My Control System](#).
- Cyber Security Notification - Meltdown & Spectre, impact on Symphony Plus, <http://search.abb.com/library/Download.aspx?DocumentID=8VZZ000522&LanguageCode=en&DocumentPartId=&Action=Launch>
- Cyber Security Notification - Meltdown & Spectre, impact on MicroSCADA Pro products, <http://search.abb.com/library/Download.aspx?DocumentID=1MRS257754&LanguageCode=en&DocumentPartId=&Action=Launch>
- SECURITY Notification - Meltdown & Spectre, impact on Freelance, <http://search.abb.com/library/Download.aspx?DocumentID=2PAA117368D0002&LanguageCode=en&DocumentPartId=&Action=Launch>  
This document and more relevant information is available for registered users on [myABB/My Control System](#).



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- TECHNICAL ANNOUNCEMENT Windows updates cause data communication problems with ABB Ability™ Operations Data Management Zenon,  
<https://search-ext.abb.com/library/Download.aspx?DocumentID=9AKK107045A8623&LanguageCode=en&DocumentPartId=&Action=Launch>

### Support

For additional information and support please contact your local ABB service organization. For contact information, see <https://new.abb.com/contact-centers>.

Information about ABB's cyber security program and capabilities can be found at <https://www.abb.com/cybersecurity>.