

Security Notification – WannaCry Ransomware Cyber-Threat

Affected Products:

Product Line	Category	Device	Version
DeltaV	Workstations and Servers	All unpatched devices	All

Overview

On the 12th of May 2017, the “WannaCry ransomware” cyber-attack spread throughout the world causing computers to be encrypted and victims to see a request for a ransom on their computer screens. The malware exploits a Microsoft® Windows® vulnerability which allows it to spread within networks. Because the malware can be spread both through network connections and email, customers should not have email clients on their control system and should never be opening unknown files on a DeltaV-connected workstation.

We have released a DeltaV Security Notification to address this cyber-threat, and it is referenced in the DeltaV Security Notices Catalog: Knowledge Base Article (KBA) NK-1500-0102, available on Emerson’s [Guardian Support](#) Portal. Approved patches for the Microsoft Windows vulnerability were released in the KBAs AK-1300-0005 and KBA AK-1600-0014 for the supported DeltaV releases.

It is important to note that this Microsoft security update was already bundled into our Microsoft Update Installers in April this year and if you have applied this update, you are protected from this ransomware.

Mitigation Steps

If you do not follow overall best practices for network segmentation, you may be at higher risk for infection. Key points that need to be observed:

- install the latest Microsoft Security Patches on your Windows devices (workstations and servers)
- update your antivirus signature files on your devices with the latest signature files
- ensure that your [Backup & Recovery](#) service is active and verify your backups
- ensure that your firewalls are all operational and have the appropriate restrictive settings enabled
- restrict the use of portable media with your DeltaV system
- review the DeltaV Security Manual for additional ways to secure your DeltaV system

Contact Information

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