

Schneider Electric Security Notification

Security Notification – Zelio Soft

27 December 2018

Overview

Schneider Electric has become aware of a vulnerability in the Zelio Soft software product.

Affected Product(s)

- Zelio Soft 2 v5.1 and prior versions

Vulnerability Details

CVE ID: CVE-2018-7817

7.8 | (High) | AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

A Use After Free (CWE-416) vulnerability exists which could cause remote code execution when opening a specially crafted Zelio Soft project file.

Remediation

A fix for this vulnerability is available in ZelioSoft2 v5.2, available for download below:

https://www.schneider-electric.fr/fr/download/document/ZelioSoft2_V5_2

General Security Recommendations

We strongly recommend following industry cybersecurity best practices such as:

- Locate control and safety system networks and remote devices behind firewalls, and isolate them from the business network.
- Physical controls should be in place so that no unauthorized person would have access to the ICS and safety controllers, peripheral equipment or the ICS and safety networks.
- All controllers should reside in locked cabinets and never be left in the “Program” mode.

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- All programming software should be kept in locked cabinets and should never be connected to any network other than the network for the devices that it is intended.
- All methods of mobile data exchange with the isolated network such as CDs, USB drives, etc. should be scanned before use in the terminals or any node connected to these networks.
- Laptops that have connected to any other network besides the intended network should never be allowed to connect to the safety or control networks without proper sanitation.
- Minimize network exposure for all control system devices and/or systems, and ensure that they are not accessible from the Internet.
- When remote access is required, use secure methods, such as Virtual Private Networks (VPNs), recognizing that VPNs may have vulnerabilities and should be updated to the most current version available. Also recognize that VPN is only as secure as the connected devices.

Acknowledgements

Schneider Electric would like to recognize the following researcher(s) for all their efforts related to identification and coordination of this vulnerability:

CVE	Researcher(s) Name
CVE-2018-7817	mdm and rgod (9SG Security Team)

For More Information

This document is intended to help provide an overview of the identified situation and actions required to mitigate it. To obtain full details on the issues and assistance on how to protect your installation, please contact your local Schneider Electric representative. These organizations will be fully aware of the situation and can support you through the process.

For further information related to cybersecurity in Schneider Electric's products, please visit the company's cybersecurity web page:

<http://www2.schneider-electric.com/sites/corporate/en/support/cybersecurity/cybersecurity.page>

If you require additional support, Schneider Electric Industrial Cybersecurity Services team are available to help. Please visit: <https://www.schneider-electric.com/en/work/services/field-services/industrial-automation/industrial-cybersecurity/industrial-cybersecurity.jsp>

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Revision Control:

Version 1 <i>27 December 2018</i>	Original Release
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