Overview

Schneider Electric is aware of a vulnerability in the ProSoft Configurator for the PMEPXM0100 (H) module.

Affected Product(s)

ProSoft Configurator v1.002 and prior, for the PMEPXM0100 (H) module.

Vulnerability Details

CVE ID: CVE-2020-7474

CVSS v3.0 Base Score 7.3 | (High) | CVSS:3.0/AV:L/AC:L/PR:L/UI:R/S:U/C:H/I:H/A:H

A CWE-427: Uncontrolled Search Path Element vulnerability exists which could cause the execution of untrusted code when using double click to open a project file which may trigger execution of a malicious DLL.

Remediation

This vulnerability is fixed in ProSoft Configurator v1.003 and is available for download below:


or access the latest version in the “Software and Firmware” section using the link below:


Product Information

ProSoft Configurator for Modicon is a PC software used to configure the PMEPXM0100 (H) communication module

Product Category - Industrial Automation Control

Learn more about Schneider Electric’s product categories here: www.schneider-electric.us/en/all-products
Schneider Electric Security Notification

How to determine if you are affected
Using ProSoft Configurator v1.002 and prior.

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.
- 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 recognizes the following researcher(s) for identifying and helping to coordinate a response to this vulnerability:

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<tr>
<th>CVE</th>
<th>Researcher(s) Name</th>
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<tr>
<td>CVE-2020-7474</td>
<td>Yongjun Liu (nsfocus)</td>
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For More Information

This document provides an overview of the identified vulnerability or vulnerabilities and actions required to mitigate. For more details and assistance on how to protect your installation, please
contact your local Schneider Electric representative and/or Schneider Electric Industrial Cybersecurity Services. These organizations will be fully aware of this situation and can support you through the process.

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

Legal Disclaimer

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We provide energy and automation digital solutions for efficiency and sustainability. We combine world-leading energy technologies, real-time automation, software and services into integrated solutions for Homes, Buildings, Data Centers, Infrastructure and Industries.

We are committed to unleash the infinite possibilities of an open, global, innovative community that is passionate about our Meaningful Purpose, Inclusive and Empowered values.

www.se.com

Revision Control:

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Product Security Office

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