

Schneider Electric Security Notification

Security Notification – ProClima

11 June 2019

Overview

Schneider Electric is aware of multiple vulnerabilities in the ProClima product.

Affected Product(s)

All versions of ProClima prior to version 8.0.0

Vulnerability Details

CVE ID: **CVE-2019-6823**

CVSS v3.0 Base Score 7.8 | (High) | CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

A CWE-94: Code Injection vulnerability exists which could allow an unauthenticated, remote attacker to execute arbitrary code on the targeted system.

CVE ID: **CVE-2019-6824**

CVSS v3.0 Base Score 7.8 | (High) | CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

A CWE-119: Buffer Errors vulnerability exists which allow an unauthenticated, remote attacker to execute arbitrary code on the targeted system

CVE ID: **CVE-2019-6825**

CVSS v3.0 Base Score 7.8 | (High) | CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

A CWE-427: Uncontrolled Search Path Element vulnerability exists which could allow a malicious DLL file, with the same name of any resident DLLs inside the software installation, to execute arbitrary code.

Remediation

These vulnerabilities are fixed in version 8.0.0 or higher and is available for download below:

Schneider Electric Security Notification

<https://www.schneider-electric.com/en/product-range-download/2560-proclima/#tabs-top>

All previous versions should be upgraded to version 8.0.0 or higher.

Product Information

ProClima software processes a range of specified thermal data to propose the right thermal management choice to match the environment.

Product Category - Building and Automation Control

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

How to determine if you are affected

Any version of ProClima prior to version 8.0.0.

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.

Schneider Electric Security Notification

Acknowledgements

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

CVE	Researcher(s) Name
CVE-2019-6823	Kushal Arvind Shah (Fortinet)
CVE-2019-6824	Telus
CVE-2019-6825	Haojun Hou Yongjun Liu (NSFOCUS 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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Schneider Electric is leading the Digital Transformation of Energy Management and Automation in Homes, Buildings, Data Centers, Infrastructure and Industries.

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With global presence in over 100 countries, Schneider is the undisputable leader in Power Management – Medium Voltage, Low Voltage and Secure Power, and in Automation Systems. We provide integrated efficiency solutions, combining energy, automation and software.

In our global Ecosystem, we collaborate with the largest Partner, Integrator and Developer Community on our Open Platform to deliver real-time control and operational efficiency.

We believe that great people and partners make Schneider a great company and that our commitment to Innovation, Diversity and Sustainability ensures that Life Is On everywhere, for everyone and at every moment.

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Revision Control:

<p>Version 1 <i>11 Jun 2019</i></p>	<p>Original Release</p>
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