

Schneider Electric Security Notification

PowerLogic™ HDPM6000

14 March 2023

Overview

Schneider Electric is aware of a vulnerability in its PowerLogic™ HDPM6000 products.

The [PowerLogic™ HDPM6000](#) products are high density, multi-circuit busway and panelboard power meters.

Failure to apply the mitigation provided below may risk a buffer overflow attack, which could result in denial of service or remote code execution.

Affected Products and Versions

Product	Version
PowerLogic™ HDPM6000	Version 0.58.6 and prior

Vulnerability Details

CVE ID: **CVE-2023-28004**

CVSS v3.1 Base Score 9.8 | Critical | CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

A *CWE-129: Improper validation of an array index* vulnerability exists where a specially crafted Ethernet request could result in denial of service or remote code execution.

Remediation

Affected Product & Version	Remediation
PowerLogic™ HDPM6000 Version 0.58.6 and prior	Version 0.58.7 or newer of PowerLogic™ HDPM6000 includes a fix for this vulnerability and is available for download here: https://www.se.com/ww/en/product-range/8297113-powerlogic-hdpm6000/#software-and-firmware

Customers should use appropriate patching methodologies when applying these patches to their systems. We strongly recommend the use of back-ups and evaluating the impact of these patches in a Test and Development environment or on an offline infrastructure. Contact Schneider Electric's [Customer Care Center](#) if you need assistance removing a patch.

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If customers choose not to apply the remediation provided above, they should immediately apply the following mitigations to reduce the risk of exploit:

- Configure your network to only allow authorized traffic to the device.
- Please refer to the Cybersecurity guidelines available in the PowerLogic™ HDPM6000 Installation Guide available at <https://www.se.com/ww/en/product-range/8297113-powerlogic-hdpm6000/#documents>.

General Security Recommendations

We strongly recommend the following industry cybersecurity best practices.

- Locate control and safety system networks and remote devices behind firewalls and isolate them from the business network.
- Install physical controls so no unauthorized personnel can access your industrial control and safety systems, components, peripheral equipment, and networks.
- Place all controllers in locked cabinets and never leave them in the “Program” mode.
- Never connect programming software to any network other than the network intended for that device.
- Scan all methods of mobile data exchange with the isolated network such as CDs, USB drives, etc. before use in the terminals or any node connected to these networks.
- Never allow mobile devices that have connected to any other network besides the intended network to connect to the safety or control networks without proper sanitation.
- Minimize network exposure for all control system devices and 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). Recognize that VPNs may have vulnerabilities and should be updated to the most current version available. Also, understand that VPNs are only as secure as the connected devices.

For more information refer to the Schneider Electric [Recommended Cybersecurity Best Practices](#) document.

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, contact your local Schneider Electric representative or Schneider Electric Industrial Cybersecurity Services: <https://www.se.com/ww/en/work/solutions/cybersecurity/>. These organizations will be fully aware of this situation and can support you through the process.

For further information related to cybersecurity in Schneider Electric’s products, visit the company’s cybersecurity support portal page:

<https://www.se.com/ww/en/work/support/cybersecurity/overview.jsp>

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About Schneider Electric

Schneider’s purpose is to empower all to make the most of our energy and resources, bridging progress and sustainability for all. We call this Life Is On.

Our mission is to be your digital partner for Sustainability and Efficiency.

We drive digital transformation by integrating world-leading process and energy technologies, end-point to cloud connecting products, controls, software and services, across the entire lifecycle, enabling integrated company management, for homes, buildings, data centers, infrastructure and industries.

We are the most local of global companies. We are advocates of open standards and partnership ecosystems that are passionate about our shared Meaningful Purpose, Inclusive and Empowered values.

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Revision Control:

<p>Version 1.0 14 March 2023</p>	<p>Original Release</p>
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