

# Schneider Electric Security Notification

## Web Server on Modicon M340, Modbus/TCP Ethernet Modicon M340 module, Modbus/TCP Ethernet Modicon M340 FactoryCast module and Ethernet / Serial RTU communication modules

14 January 2025 (14 April 2026)

### Overview

Schneider Electric is aware of a vulnerability in its Web Server on Modicon M340 and BMXNOE0100/0110, BMXNOR0200H communication modules products.

The [Modicon M340](#) is a programmable automation controller; [BMXNOE0100](#) and [BMXNOE0110](#) are network communication modules used with Modicon M340. [BMXNOR0200H](#) is a communication module that enables M580 and M340 platforms to use RTU protocol exchange with RTU stations.

Failure to apply the remediation/mitigations provided below may risk information disclosure on web pages, modification of web pages and denial of service. Click or tap here to enter text., which could result in the unavailability of the controllers or modules.

**April 2026 Update:** Remediation is available for Modicon M340

### Affected Products and Versions

Product	Version
Modicon M340 processors (part numbers BMXP34*)	Versions prior to SV3.70
BMXNOE0100: Modbus/TCP Ethernet Modicon M340 module	Versions prior to SV3.60
BMXNOE0110: Modbus/TCP Ethernet Modicon M340 FactoryCast module	Versions prior to SV6.80
BMXNOR0200H: Ethernet / Serial RTU module	Versions prior to SV1.70IR26

### Vulnerability Details

CVE ID: **CVE-2024-12142**

CVSS v3.1 Base Score 8.6 | High | CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:H

CVSS v4.0 Base Score 8.8 | High | CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:L/VI:L/VA:H/SC:N/SI:N/SA:N

*CWE-200: Exposure of Sensitive Information to an Unauthorized Actor* vulnerability exists that could cause information disclosure of restricted web page, modification of web page and denial of service when specific web pages are modified and restricted functions are invoked.

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Public / TLP: Clear

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The severity of vulnerabilities was calculated using the CVSS Base metrics for 4.0 ([CVSS v4.0](#)). CVSS v3.1 will be still evaluated until the adoption of CVSS v4.0 by the industry. The severity was calculated without incorporating the Temporal and Environmental metrics. Schneider Electric recommends that customers score the CVSS Environmental metrics, which are specific to end-user organizations, and consider factors such as the presence of mitigations in that environment. Environmental metrics may refine the relative severity posed by the vulnerabilities described in this document within a customer's environment.

### Remediations

Affected Product & Version	Remediations
<b>BMXNOR0200H</b> Versions prior to SV1.70IR26	Version SV1.70IR26 of BMXNOR0200H includes a fix for this vulnerability and is available for download here:  <a href="https://www.se.com/ww/en/product/BMXNOR0200H/ethernet-serial-rtu-module-2-x-rj45/">https://www.se.com/ww/en/product/BMXNOR0200H/ethernet-serial-rtu-module-2-x-rj45/</a>
<b>BMXNOE0100: Modbus/TCP Ethernet Modicon M340 module</b> Versions prior to SV3.60	Version SV3.60 of BMXNOE0100 includes a fix for this vulnerability and is available for download here:  <a href="https://www.se.com/ww/en/product/BMXNOE0100/network-module-modicon-m340-modbus-tcp-1-x-rj45-flash-memory-card/">https://www.se.com/ww/en/product/BMXNOE0100/network-module-modicon-m340-modbus-tcp-1-x-rj45-flash-memory-card/</a>
<b>BMXNOE0110: Modbus/TCP Ethernet Modicon M340 FactoryCast module</b> Versions prior to SV6.80	Version SV6.80 of BMXNOE0110 includes a fix for this vulnerability and is available for download here:  <a href="https://www.se.com/ww/en/product/BMXNOE0110/ethernet-tcp-ip-network-module-modicon-m340-automation-platform-flash-memory-card-internal-ram-16-mb-1-x-rj45-10-100/">https://www.se.com/ww/en/product/BMXNOE0110/ethernet-tcp-ip-network-module-modicon-m340-automation-platform-flash-memory-card-internal-ram-16-mb-1-x-rj45-10-100/</a>
<b>Modicon M340</b> Versions prior to SV3.70	Version SV3.70 of Modicon M340 includes a fix for this vulnerability and is available for download here:  <a href="https://www.se.com/ww/en/product-range/1468-modicon-m340/#software-and-firmware">https://www.se.com/ww/en/product-range/1468-modicon-m340/#software-and-firmware</a>

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.

To ensure you are informed of all updates, including details on affected products and remediation plans, subscribe to Schneider Electric's security notification service here:

<https://www.se.com/en/work/support/cybersecurity/notification-contact.jsp>

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## 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 **create Impact** by empowering 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 the trusted partner in **Sustainability and Efficiency**.

We are a **global industrial technology leader** bringing world-leading expertise in electrification, automation and digitization to smart **industries**, resilient **infrastructure**, future-proof **data centers**, intelligent **buildings**, and intuitive **homes**. Anchored by our deep domain expertise, we provide integrated end-to-end lifecycle AI enabled Industrial IoT solutions with connected products, automation, software and services, delivering digital twins to enable profitable growth **for our customers**.

We are a **people company** with an ecosystem of 150,000 colleagues and more than a million partners operating in over 100 countries to ensure proximity to our customers and stakeholders. We embrace **diversity and inclusion** in everything we do, guided by our meaningful purpose of a **sustainable future for all**.

[www.se.com](http://www.se.com)

### Revision Control:

<b>Version 1.0.0</b> 14 January 2025	Original Release
<b>Version 2.0.0</b> 12 August 2025	Remediations are available for BMXNOE0100 (Modbus/TCP Ethernet Modicon M340 module) and BMXNOE0110 (Modbus/TCP Ethernet Modicon M340 FactoryCast module)
<b>Version 3.0.0</b> 14 April 2026	Remediation is available for Modicon M340