

Schneider Electric Security Notification

EcoStruxure™ Building Operation Enterprise Server, EcoStruxure™ Building Operation Enterprise Central, and EcoStruxure™ Building Operation Workstation

12 August 2025 (09 September 2025)

Overview

Schneider Electric is aware of multiple vulnerabilities in EcoStruxure™ Building Operation Enterprise Server, EcoStruxure™ Building Operation Enterprise Central, and EcoStruxure™ Building Operation Workstation.

[EcoStruxure™ Building Operation \(EBO\)](#) is an open and scalable software platform providing insight, control and management of multiple building systems and devices in one mobile-enabled convenient view. It delivers valuable data for decision-making to improve energy management and increase efficiency for better building performance and comfort, reduced carbon, and more sustainable building environments.

Failure to apply the remediations below may risk credential theft and subsequent unauthorized access and remote code execution from within the BMS network, which could result in data breaches, and operational disruptions.

September 2025 Update: Updated affected and fixed version details.

Affected Products and Versions

Products	Versions
EcoStruxure™ Building Operation Enterprise Server	All 7.x versions prior to 7.0.2.348 All 6.x versions prior to 6.0.4.10001 (CP8) All 5.x versions prior to 5.0.3.17009 (CP16)
EcoStruxure™ Building Operation Enterprise Central	All 7.x versions prior to 7.0.2.348 All 6.x versions prior to 6.0.4.10001 (CP8) All 5.x versions prior to 5.0.3.17009 (CP16)
EcoStruxure™ Building Operation Workstation	All 7.x versions prior to 7.0.2.348 All 6.x versions prior to 6.0.4.10001 (CP8) All 5.x versions prior to 5.0.3.17009 (CP16)

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Vulnerability Details

CVE ID: **CVE-2025-8449**

CVSS v3.1 Base Score 4.5 | Medium | CVSS:3.1/AV:A/AC:H/PR:L/UI:R/S:U/C:N/I:N/A:H

CVSS 4.0 Base Score 4.1 | Medium | CVSS:4.0/AV:A/AC:H/AT:N/PR:L/UI:P/VC:N/VI:N/VA:H/SC:N/SI:N/SA:N

CWE-400: Uncontrolled Resource Consumption vulnerability exists that could cause a denial of service when an authenticated user sends a specially crafted request to a specific endpoint from within the BMS network.

CVE ID: **CVE-2025-8448**

CVSS v3.1 Base Score 2.3 | Low | CVSS:3.1/AV:A/AC:H/PR:L/UI:R/S:U/C:L/I:N/A:N

CVSS v4.0 Base Score 1.0 | Low | CVSS:4.0/AV:A/AC:H/AT:N/PR:L/UI:P/VC:L/VI:N/VA:N/SC:N/SI:N/SA:N

CWE-200: Exposure of Sensitive Information to an Unauthorized Actor vulnerability exists that could cause unauthorized access to sensitive credential data when an attacker is able to capture local SMB traffic between a valid user within the BMS network and the vulnerable products.

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 Products & Versions	Remediations
EcoStruxure™ Building Operation Enterprise Server EcoStruxure™ Building Operation Enterprise Central EcoStruxure™ Building Operation Workstation <i>All 7.x versions prior to 7.0.2.348</i>	<p>The following versions of Enterprise Server, Enterprise Central, Workstation include a fix for these vulnerabilities:</p> <ul style="list-style-type: none"> 7.0.2.348 <p>Step1: Locate the appropriate version for your system on the https://ecoxpert.se.com/software-center/building-automation/ebo-system/building-operation-2025-version-7.0</p> <p>Step 2: Follow the installation instructions provided in the accompanying readme file.</p> <p>Additionally, ensure you are following the EBO hardening guidelines.</p>

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EcoStruxure™ Building Operation Enterprise Server EcoStruxure™ Building Operation Enterprise Central EcoStruxure™ Building Operation Workstation <i>All 6.x versions prior to 6.0.4.10001 (CP8))</i>	<p>The following versions of Enterprise Server, Enterprise Central, Workstation include a fix for these vulnerabilities:</p> <ul style="list-style-type: none"> 6.0.4.10001 (CP8) <p>Step1: Locate the appropriate version for your system on the https://ecoxpert.se.com/de/software-center/building-automation/ebo-system/building-operation-2024-version-6.0</p> <p>Step 2: Follow the installation instructions provided in the accompanying readme file.</p> <p>Additionally, ensure you are following the EBO hardening guidelines.</p>
EcoStruxure™ Building Operation Enterprise Server EcoStruxure™ Building Operation Enterprise Central EcoStruxure™ Building Operation Workstation <i>All 5.x versions prior to 5.0.3.17009 (CP16)</i>	<p>The following versions of Enterprise Server, Enterprise Central, Workstation include a fix for these vulnerabilities:</p> <ul style="list-style-type: none"> 5.0.3.17009 (CP16) <p>Step1: Locate the appropriate version for your system on the https://ecoxpert.se.com/de/software-center/building-automation/ebo-system/building-operation-2023-version-5.0</p> <p>Step 2: Follow the installation instructions provided in the accompanying readme file.</p> <p>Additionally, ensure you are following the EBO hardening guidelines.</p>

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.

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

- Implement strong access controls to limit system access to authorized personnel. Use multi factor authentication if using EBO version 7.0 or later
- Use firewalls to segregate networks and protect the building management system
- Regularly monitor system activity
- Ensure you are following [EBO hardening guidelines](#)

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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.

Acknowledgements

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

CVE	Researcher
CVE-2025-8448 CVE-2025-8449	Pentest Limited

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**.

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Revision Control:

Version 1.0.0 12 August 2025	Original Release
Version 2.0.0 09 September 2025	Updated affected and fixed version details.