

# Schneider Electric Security Notification

## EVlink Home Smart

11 June 2024

### Overview

Schneider Electric is aware of a vulnerability with the existence of a non-disabled SSH interface in its EVlink Home Smart charging station.

The [EVlink Home Smart](#) charging stations EV charging stations for the residential market.

Failure to follow the remediation and recommendations provided below may risk to expose an SSH network interface on the local area network of the homeowner, which could result in increasing the exposure to potential network scanning or reconnaissance activities from malicious users.

### Affected Products and Versions

Product	Version
EVlink Home Smart	v2.0.4.1.2_131 v2.0.3.8.2_128

### Vulnerability Details

CVE ID: **CVE-2024-5313**

CVSS v3.1 Base Score 6.5 | Medium | CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:N/A:L

*CWE-668: Exposure of the Resource Wrong Sphere* vulnerability exists that exposes a SSH interface over the product network interface. This does not allow to directly exploit the product or make any unintended operation as the SSH interface access is protected by an authentication mechanism. Impacts are limited to port scanning and fingerprinting activities as well as attempts to perform a potential denial of service attack on the exposed SSH interface.

*Note regarding vulnerability details: The severity of vulnerabilities was calculated using the CVSS Base metrics in version 3.1 ([CVSS v3.1](#)) 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.*

## Schneider Electric Security Notification

### Remediation

Affected Product & Version	Remediation
<p><b>EVlink Home Smart</b> v2.0.4.1.2_131 v2.0.3.8.2_128</p>	<p>Version 2.0.5.0.0_134 of EVlink Home Smart includes a fix for this vulnerability that has been automatically deployed since April 19<sup>th</sup> to all charging stations connected to the Wiser application.</p> <p>Make sure the charging station is connected to the Wiser application to ensure the new version can be downloaded and installed.</p> <p>The installed firmware version can be verified through Wiser application (refer to the settings page for the charging station).</p>

### General Security Recommendations

We strongly recommend the following cybersecurity best practices.

- Device should only be used in a personal home network.
- Device should not have a publicly accessible IP address.
- Do NOT use port forwarding to access a device from the public internet.
- A device should be on its own network segment. If your router supports a guest network or VLAN, it is preferable to locate the device there.
- Use the strongest Wi-Fi encryption available in the home Wi-Fi network, such as WPA3 or WPA2/3 with protected management frames.
- Schedule regular reboots of your routing device, smartphones, and computers.
- Ensure that unauthorized individuals cannot gain physical access to your devices or regularly inspect the device for visual clues that may reveal a tampering attempt.

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

# Schneider Electric Security Notification

## Acknowledgements

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

CVE	Researcher
CVE-2024-5313	Simon Petitjean (independent cybersecurity researcher)

## 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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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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