

Schneider Electric Security Notification

AccuSine PCSn/PCS+/PFV+

10 August 2021

Overview

Schneider Electric is aware of a vulnerability in its AccuSine PCSn, PCS+ and PFV+ products.

[AccuSine](#) addresses power quality issues and stabilizes electrical networks by providing harmonic mitigation, power factor correction, and load balancing.

Failure to apply the remediations provided below may risk an authenticated attacker being able to access the device via an unused FTP service, which could result in unexpected device behavior, or device failure.

Affected Products and Versions

Product	Version
AccuSine PCS+ / PFV+	Versions prior to V1.6.7
AccuSine PCSn	Versions prior to V2.2.4

Vulnerability Details

CVE ID: **CVE-2021-22793**

CVSS v3.1 Base Score 7.2 | High | CVSS:3.1/AV:N/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H

A *CWE-200: Exposure of Sensitive Information to an Unauthorized Actor* vulnerability exists that could allow an authenticated attacker to access the device via FTP protocol.

Remediation

Affected Product	Remediation
AccuSine PCS+ / PFV+ Versions prior to V1.6.7	<p>V1.6.7 of the AccuSine PCS+ / PFV+ product includes a fix for this vulnerability and is available for download here: https://www.se.com/ww/en/download/document/AccuSine_PCSP_PFVP_Firmware/</p> <p>This fix disables the FTP server, which is not necessary for product operation.</p> <p>Customers should also ensure that the administrative password for their device has been changed from the default value as instructed in the user manual.</p>

Schneider Electric Security Notification

<p>AccuSine PCSn</p> <p>Versions prior to V2.2.4</p>	<p>V2.2.4 of the AccuSine PCSn product includes a fix for this vulnerability and is available for download here: https://www.se.com/ww/en/download/document/AccuSine_PCSn_firmware_update/</p> <p>This fix disables the FTP server, which is not necessary for product operation.</p> <p>Customers should also ensure that the administrative password for their device has been changed from the default value as instructed in the user manual.</p>
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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:

Ensure that the FTP service on the device is not accessible beyond the local network through router configurations. Customers should also ensure that the administrative password for their device has been changed from the default value.

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 for the devices that it is intended for.
- 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

Schneider Electric Security Notification

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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At Schneider, we believe **access to energy and digital** is a basic human right. We empower all to **do more with less**, ensuring **Life Is On** everywhere, for everyone, at every moment.

We provide **energy and automation digital** solutions for **efficiency and sustainability**. We combine world-leading energy technologies, real-time automation, software and services into integrated solutions for Homes, Buildings, Data Centers, Infrastructure and Industries.

We are committed to unleash the infinite possibilities of an **open, global, innovative community** that is passionate with our **Meaningful Purpose, Inclusive and Empowered** values.

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Schneider Electric Security Notification

Revision Control

Version 1.0 <i>10 August 2021</i>	Original Release
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