

Schneider Electric Security Notification

Saitel DR RTU

13 December 2022

Overview

Schneider Electric is aware of a vulnerability in the Triangle MicroWorks DNP3 Outstation Libraries used in the Saitel DR RTU (Remote Terminal Unit).

The [SAITEL DR RTU](#) is a field device, offering a solid and powerful platform for data acquisition, communication, automation and IED integration for distribution and transmission networks, generation sector and railway.

Failure to apply the remediation provided below may lead to a denial of service of the DNP3 communication and will result in a loss of remote access to the device.

Affected Product and Version

Product	Version
SAITEL DR RTU	Firmware from Baseline_11.06.01 to Baseline_11.06.14

Vulnerability Details

CVE ID: **CVE-2020-6996**

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

A *CWE-787: Out-of-bounds write* vulnerability exists that could cause a denial of service when an attacker gains access to the RTU communication network.

Remediation

Affected Product & Version	Remediation
Firmware from Baseline_11.06.01 to Baseline_11.06.14	Version BaseLine_11.06.15 of Saitel DR RTU includes a fix for this vulnerability and is available from your Schneider Electric Saitel sales contact.

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.

Schneider Electric Security Notification

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

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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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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Revision Control:

<p>Version 1.0 <i>13 December 2022</i></p>	<p>Original Release</p>
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