SOCOMEC Security Notification

3 November 2025

Overview

Socomec has always been committed to building security into its products in order to guarantee the security of the installation or facility and to protect its users. Products evolve, and their design becomes more complex as it adds new technological layers such as electronics or IT.

Additionally, the functions and features provided to our customers become more generalised as they are no longer based on a single, stand-alone product, but on a complete “eco-system” comprising a set of products, communication networks and virtual servers in the Cloud and their associated applications.

To ensure a security along the system livecycle, Socomec strongly recommand to apply remediations as soon as possible, according your risk assessment.

Summary

A denial of service vulnerability exists in the Modbus TCP functionality of Socomec DIRIS Digiware M-70 1.6.9. A specially crafted network packet can lead to denial of service. An attacker can send an unauthenticated packet to trigger this vulnerability.

Affected Products and Versions

Product Version

DIRIS Digiware Webview M-70 1.6.9 Multifunction Communication Gateway DIRIS Digiware M-70 RS485 Ethernet WEBVIEW-M - Reference 48290222

Details : The DIRIS Digiware M-50/M-70 gateway functions as the access point for industrial power monitoring systems, providing power supply and communication connection to devices in the electrical installation. It also includes a webserver WEBVIEW-M for the remote visualisation and analysis of measurements and consumption.

By default the network communication with the Socomec M70 webserver, known as WEBVIEW-M does not utilize encryption. Sensitive information is transmitted between the browser and the WEBVIEW-M service including credentials, session cookies, and configuration data. An attacker could abuse this plaintext

information to hijack an authenticated session, or capture valid credentials enabling attacker access to the device.

Vulnerability Details

CVE ID: CVE-2024-48894

CVSS v3.1 Base Score 5.9 - CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N

CWE-319 - Cleartext Transmission of Sensitive Information

A cleartext transmission vulnerability exists in the WEBVIEW-M functionality of Socomec DIRIS Digiware M-70 1.6.9. A specially crafted HTTP request can lead to a disclosure of sensitive information. An attacker can sniff network traffic to trigger this vulnerability

REMEDIATION

AFFECTED PRODUCT & VERSION	WORKAROUND
DIRIS Digiware Webview M-70 1.6.9	Enable HTTPS communication for the WEBVIEW-M webserver.

REMEDIATION

To prevent data from being transmitted in clear text over the network, HTTPS is necessary. By default, our product uses HTTP.

The workaround, as explained in the user documentation, is to configure secure communication and enable HTTPS during the installation phase.

The fix will be implemented in the next generation of this gateway, which will feature an autogenerated certificate at startup to ensure HTTPS is enabled by default.

RELEASE DATES :

- Workaround already in place

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 most current version available. Also, understand that VPNs are only as secure as the connected devices.

For more information refer to the Socomec Cybersecurity Best Practices document.

CONTACT US

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 Socomec Cybersecurity representative.

Need to report and incident or a vunerability ? HERE

For further information related to cybersecurity in Socomec’s products, visit the company’s cybersecurity support portal page HERE.

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ABOUT SOCOMEC

Founded in 1922, SOCOMEC is an independent industrial group with a workforce of 3600 experts spread over 28 subsidiaries in the world. Our core business: the availability, control and safety of low voltage electrical networks serving our customers' power performance. In 2018, SOCOMEC posted a turnover of 537M€.

Revision control

VERSION	DESCRIPTION
Version 1.0 **11 July 2023**	Original Release