

SICK PSIRT Security Advisory

SICK FlexiCompact affected by Denial of Service vulnerability

Document ID: SCA-2022-0014
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CVE Identifier: CVE-2022-27583
CVSSv3 Base Score: 5.9
CVSSv3 Vector String: CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:H
Version: V1.0

Summary

SICK discovered a vulnerability in the configuration interface of FlexiCompact that can be accessed via Ethernet or USB. If exploited, this potentially allows a remote unauthenticated attacker to impact availability of the FlexiCompact. SICK recommends making sure to run a non-affected version. SICK is not aware of an exploit targeting this vulnerability.

List of Products

Product	Affected by
FlexiCompact FLX3-CPUC1 installed with Firmware V1.02.0	CVE-2022-27583 Status: Last Affected Remediation: Vendor fix
FlexiCompact FLX3-CPUC1 installed with Firmware V1.03.0	CVE-2022-27583 Status: Last Affected Remediation: Vendor fix
FlexiCompact FLX3-CPUC2 installed with Firmware V1.02.0	CVE-2022-27583 Status: Last Affected Remediation: Vendor fix
FlexiCompact FLX3-CPUC2 installed with Firmware V1.03.0	CVE-2022-27583 Status: Last Affected Remediation: Vendor fix

Vulnerability Overview

CVE-2022-27583 Improper Authorization

Description: A remote unprivileged attacker can interact with the configuration interface of a FlexiCompact FLX3-CPUC1 or FLX3-CPUC2 running an affected firmware version to potentially impact the availability of the FlexiCompact.

CVE-2022-27583 has been assigned to this vulnerability.

CVSSv3.1 base score: 5.9

CVSSv3.1 vector string: CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:H

CWE identifier: CWE-285 (Improper Authorization)

Remediations

Vendor Fix for CVE-2022-27583

Details: Make sure to use a non-affected firmware version of the FlexiCompact (\geq V1.10.0). If this is not possible make sure to follow the recommendations in the general practices section.

Valid for:

- FlexiCompact FLX3-CPUC1 installed with Firmware V1.02.0
- FlexiCompact FLX3-CPUC1 installed with Firmware V1.03.0
- FlexiCompact FLX3-CPUC2 installed with Firmware V1.02.0
- FlexiCompact FLX3-CPUC2 installed with Firmware V1.03.0

History

Version	Release Date	Comment
V1.0	2022-10-31	Initial Release