CVE-2025-40949

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2025-40949
State	PUBLISHED
Assigner	siemens
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-12 10:16:43 UTC
Updated	2026-05-12 14:19:41 UTC
Description	A vulnerability has been identified in RUGGEDCOM ROX MX5000 (All versions < V2.17.1), RUGGEDCOM ROX MX5000R

Risk And Classification

Primary CVSS: v4.0 8.9 HIGH from productcert@siemens.com

CVSS:4.0/AV:N/AC:L/AT:P/PR:H/UI:N/VC:H/VI:H/VA:H/SC:H/SI:H/SA:H/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

EPSS: 0.001730000 probability, percentile 0.382420000 (date 2026-05-12)

Problem Types: CWE-78 | CWE-78 CWE-78: Improper Neutralization of Special Elements used in an OS Command ('OS Command Injection')

Version	Source	Type	Score	Severity	Vector
4.0	productcert@siemens.com	Secondary	8.9	HIGH	CVSS:4.0/AV:N/AC:L/AT:P/PR:H/UI:N/VC:H/VI:H/VA:H/SC:H/SI:H/
4.0	CNA	DECLARED	8.9	HIGH	CVSS:4.0/AV:N/AC:L/AT:P/PR:H/UI:N/VC:H/VI:H/VA:H/SC:H/SI:H/
3.1	productcert@siemens.com	Primary	9.1	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:H/UI:N/S:C/C:H/I:H/A:H
3.1	CNA	DECLARED	9.1	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:H/UI:N/S:C/C:H/I:H/A:H

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

Present

Privileges Required

High

User Interaction

None

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

High

Sub Integrity

High

Sub Availability

High

CVSS:4.0/AV:N/AC:L/AT:P/PR:H/UI:N/VC:H/VI:H/VA:H/SC:H/SI:H/SA:H/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

High

User Interaction

None

Scope

Changed

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:L/PR:H/UI:N/S:C/C:H/I:H/A:H

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Siemens	RUGGEDCOM ROX MX5000	affected V2.17.1 custom	Not specified
CNA	Siemens	RUGGEDCOM ROX MX5000RE	affected V2.17.1 custom	Not specified
CNA	Siemens	RUGGEDCOM ROX RX1400	affected V2.17.1 custom	Not specified

CNA	Siemens	RUGGEDCOM ROX RX1500	affected V2.17.1 custom	Not specified
CNA	Siemens	RUGGEDCOM ROX RX1501	affected V2.17.1 custom	Not specified
CNA	Siemens	RUGGEDCOM ROX RX1510	affected V2.17.1 custom	Not specified
CNA	Siemens	RUGGEDCOM ROX RX1511	affected V2.17.1 custom	Not specified
CNA	Siemens	RUGGEDCOM ROX RX1512	affected V2.17.1 custom	Not specified
CNA	Siemens	RUGGEDCOM ROX RX1524	affected V2.17.1 custom	Not specified
CNA	Siemens	RUGGEDCOM ROX RX1536	affected V2.17.1 custom	Not specified
CNA	Siemens	RUGGEDCOM ROX RX5000	affected V2.17.1 custom	Not specified

References

Reference	Source	Link	Tags
cert-portal.siemens.com/productcert/html/ssa-081142.html	productcert@siemens.com	cert-portal.siemens.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.