



CVE-2024-54017

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Summary

CVE	CVE-2024-54017
State	PUBLISHED
Assigner	siemens
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-12 10:16:40 UTC
Updated	2026-05-12 14:19:41 UTC
Description	A vulnerability has been identified in SIPROTEC 5 6MD84 (CP300) (All versions < V11.0), SIPROTEC 5 6MD85 (CP200) (

Risk And Classification

Primary CVSS: v4.0 6.9 MEDIUM from productcert@siemens.com

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

EPSS: 0.000290000 probability, percentile 0.083200000 (date 2026-05-12)

Problem Types: CWE-334 | CWE-334 CWE-334: Small Space of Random Values

Version	Source	Type	Score	Severity	Vector
4.0	productcert@siemens.com	Secondary	6.9	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:L/VI:N/VA:N/SC:N/SI:N/S
4.0	CNA	DECLARED	6.9	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:L/VI:N/VA:N/SC:N/SI:N/S
3.1	productcert@siemens.com	Primary	5.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:N/A:N
3.1	CNA	DECLARED	5.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:N/A:N

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

None

None

Confidentiality

Low

Integrity

None

Availability

None

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:L/VI:N/VA:N/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/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

None

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

None

Availability

None

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Siemens	SIPROTEC 5 6MD84 CP300	affected V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 6MD85 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 6MD85 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 6MD86 CP200	unaffected * custom	Not specified

CNA	Siemens	SIPROTEC 5 6MD86 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 6MD89 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 6MU85 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7KE85 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 7KE85 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SA82 CP100	affected V7.80 * custom	Not specified
CNA	Siemens	SIPROTEC 5 7SA82 CP150	affected V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SA84 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 7SA86 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 7SA86 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SA87 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 7SA87 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SD82 CP100	affected V7.80 * custom	Not specified
CNA	Siemens	SIPROTEC 5 7SD82 CP150	affected V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SD84 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 7SD86 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 7SD86 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SD87 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 7SD87 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SJ81 CP100	affected V7.80 * custom	Not specified
CNA	Siemens	SIPROTEC 5 7SJ81 CP150	affected V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SJ82 CP100	affected V7.80 * custom	Not specified
CNA	Siemens	SIPROTEC 5 7SJ82 CP150	affected V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SJ85 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 7SJ85 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SJ86 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 7SJ86 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SK82 CP100	affected V7.80 * custom	Not specified
CNA	Siemens	SIPROTEC 5 7SK82 CP150	affected V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SK85 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 7SK85 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SL82 CP100	affected V7.80 * custom	Not specified
CNA	Siemens	SIPROTEC 5 7SL82 CP150	affected V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SL86 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 7SL86 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SL87 CP200	unaffected * custom	Not specified

CNA	Siemens	SIPROTEC 5 7SL87 CP200	unaffected ^ custom	Not specified
CNA	Siemens	SIPROTEC 5 7SL87 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SS85 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 7SS85 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7ST85 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 7ST85 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7ST86 CP300	affected V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SX82 CP150	affected V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SX85 CP300	affected V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7SY82 CP150	affected V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7UM85 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7UT82 CP100	affected V7.80 * custom	Not specified
CNA	Siemens	SIPROTEC 5 7UT82 CP150	affected V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7UT85 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 7UT85 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7UT86 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 7UT86 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7UT87 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 7UT87 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7VE85 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7VK87 CP200	unaffected * custom	Not specified
CNA	Siemens	SIPROTEC 5 7VK87 CP300	affected V7.80 V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 7VU85 CP300	affected V11.0 custom	Not specified
CNA	Siemens	SIPROTEC 5 Compact 7SX800 CP050	affected V11.0 custom	Not specified

References

Reference	Source	Link	Tags
cert-portal.siemens.com/productcert/html/ssa-786884.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.

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