



RealTerm Serial Terminal 2.0.0.70 Buffer Overflow SEH

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2019-25679
State	PUBLISHED
Assigner	VulnCheck
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-05 21:16:46 UTC
Updated	2026-04-20 17:48:36 UTC
Description	RealTerm Serial Terminal 2.0.0.70 contains a structured exception handling (SEH) buffer overflow vulnerability in the Echo

Risk And Classification

Primary CVSS: v4.0 8.5 HIGH from disclosure@vulncheck.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:P/VC:H/VI:H/VA:H/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: 0.000070000 probability, percentile 0.005190000 (date 2026-04-21)

Problem Types: CWE-787 | CWE-787 Out-of-bounds Write

Version	Source	Type	Score	Severity	Vector
4.0	disclosure@vulncheck.com	Secondary	8.5	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:P/VC:H/VI:H/VA:H/SC:N/SI:N/SA
4.0	CNA	CVSS	8.5	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:P/VC:H/VI:H/VA:H/SC:N/SI:N/SA
3.1	disclosure@vulncheck.com	Primary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

Passive

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:P/VC:H/VI:H/VA:H/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

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Crun	Realterm	2.0.0.70	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Realterm	RealTerm Serial Terminal	affected 1.11.2	Not specified

References

Reference	Source	Link	Tags
www.vulncheck.com/advisories/realterm-serial-terminal-buffer-overflow-seh	disclosure@vulncheck.com	www.vulncheck.com	Third Pa
realterm.sourceforge.io	disclosure@vulncheck.com	realterm.sourceforge.io	Product
www.exploit-db.com/exploits/46441	disclosure@vulncheck.com	www.exploit-db.com	Exploit,
sourceforge.net/projects/realterm/files	disclosure@vulncheck.com	sourceforge.net	Product
CVE Program record	CVE.ORG	www.cve.org	canonic
NVD vulnerability detail	NVD	nvd.nist.gov	canonic

Vendor Comments And Credit

Discovery Credit

CNA: Matteo Malvica (en)

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

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