



BlueKitchen BTstack < 1.8.1 AVRCP Browsing Target GET_FOLDER_ITEMS Handler OOB Read / Undefined Behavior

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

Summary

CVE	CVE-2026-28528
State	PUBLISHED
Assigner	VulnCheck
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-30 14:16:35 UTC
Updated	2026-04-01 14:24:21 UTC
Description	BlueKitchen BTstack versions prior to 1.8.1 contain an out-of-bounds read vulnerability in the AVRCP Browsing Target GET

Risk And Classification

Primary CVSS: v4.0 2.1 LOW from disclosure@vulncheck.com

CVSS:4.0/AV:A/AC:L/AT:P/PR:N/UI:P/VC:N/VI:L/VA:L/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/MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

EPSS: 0.000130000 probability, percentile 0.020580000 (date 2026-04-01)

Problem Types: CWE-125 | CWE-758 | CWE-125 CWE-125 Out-of-bounds Read | CWE-758 CWE-758 Reliance on Undefined, Unspecified, or Implementation-Defined Behavior

Version	Source	Type	Score	Severity	Vector
4.0	disclosure@vulncheck.com	Secondary	2.1	LOW	CVSS:4.0/AV:A/AC:L/AT:P/PR:N/UI:P/VC:N/VI:L/VA:L/SC:N/SI:N/SA
4.0	CNA	CVSS	2.1	LOW	CVSS:4.0/AV:A/AC:L/AT:P/PR:N/UI:P/VC:N/VI:L/VA:L/SC:N/SI:N/SA
3.1	disclosure@vulncheck.com	Secondary	4.6	MEDIUM	CVSS:3.1/AV:A/AC:L/PR:N/UI:R/S:U/C:N/I:L/A:L
3.1	CNA	CVSS	4.6	MEDIUM	CVSS:3.1/AV:A/AC:L/PR:N/UI:R/S:U/C:N/I:L/A:L

CVSS v4.0 Breakdown

Attack Vector

Adjacent

Attack Complexity

Low

Attack Requirements

Present

Present

Privileges Required

None

User Interaction

Passive

Confidentiality

None

Integrity

Low

Availability

Low

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:A/AC:L/AT:P/PR:N/UI:P/VC:N/VI:L/VA:L/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/MS:C:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.1 Breakdown

Attack Vector

Adjacent

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

Low

Availability

Low

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	BlueKitchen GmbH	BTstack	affected 1.8.1 semver	Not specified

References

Reference	Source	Link	Ta
www.vulncheck.com/advisories/bluekitchen-btstack-avr-cp-browsing-target-get-fold...	disclosure@vulncheck.com	www.vulncheck.com	
github.com/bluekitchen/btstack/releases/tag/v1.8.1	disclosure@vulncheck.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	ce
NVD vulnerability detail	NVD	nvd.nist.gov	ce

Vendor Comments And Credit

Discovery Credit

CNA: Kazuma Matsumoto, a security researcher at GMO Cybersecurity by IERAE, Inc. (en)

CNA: VulnCheck (en)

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

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