



# CVE-2026-42996

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2026-42996
<b>State</b>	PUBLISHED
<b>Assigner</b>	mitre
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-01 07:15:59 UTC
<b>Updated</b>	2026-05-01 08:16:01 UTC
<b>Description</b>	JS8Call through 2.3.1 and JS8Call-improved before 3.0 have a stack-based buffer overflow via a radio transmission of @AI

## Risk And Classification

**Primary CVSS:** v4.0 10 CRITICAL from cve@mitre.org

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/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/MSX/MSI:X/MSA:X/S:P/AU:Y/R:U/V:D/RE:M/U:Green

**Problem Types:** CWE-121 | CWE-121 CWE-121 Stack-based Buffer Overflow

Version	Source	Type	Score	Severity	Vector
4.0	cve@mitre.org	Secondary	10	CRITICAL	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/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/MSX/MSI:X/MSA:X/S:P/AU:Y/R:U/V:D/RE:M/U:Green
4.0	CNA	CVSS	10	CRITICAL	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:H/SI:H/SA:H/S:P/AU:Y/R:U/V:D/RE:M/U:Green

## CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

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:N/PR:N/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/MSX/MSI:X/MSA:X/S:P/AU:Y/R:U/V:D/RE:M/U:

Green

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">JS8Call</a>	<a href="#">JS8Call</a>	affected 2.3.1 semver	Not specified
CNA	<a href="#">JS8Call-improved</a>	<a href="#">JS8Call-improved</a>	affected 3.0 custom	Not specified

### References

Reference	Source	Link
<a href="https://github.com/js8call/js8call/blob/fd721e8b67eed84cb3c09d018205ab9a53e1a8b1...">github.com/js8call/js8call/blob/fd721e8b67eed84cb3c09d018205ab9a53e1a8b1...</a>	<a href="mailto:cve@mitre.org">cve@mitre.org</a>	<a href="https://github.com">github.com</a>
<a href="https://github.com/JS8Call-improved/JS8Call-improved/security/advisories/GHSA-98...">github.com/JS8Call-improved/JS8Call-improved/security/advisories/GHSA-98...</a>	<a href="mailto:cve@mitre.org">cve@mitre.org</a>	<a href="https://github.com">github.com</a>
<a href="https://amateur-radio-resources.sourceforge.io/PDF/JS8APRS.pdf">amateur-radio-resources.sourceforge.io/PDF/JS8APRS.pdf</a>	<a href="mailto:cve@mitre.org">cve@mitre.org</a>	<a href="https://amateur-radio-resources.sourceforge.io">amateur-radio-resources.sourceforge.io</a>
CVE Program record	<a href="https://www.cve.org">CVE.ORG</a>	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	<a href="https://nvd.nist.gov">NVD</a>	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

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

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