



An Integer Overflow Vulnerability in artraweditor/ART

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

Summary

CVE	CVE-2026-4731
State	PUBLISHED
Assigner	GovTech CSG
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-24 04:17:25 UTC
Updated	2026-04-30 16:01:57 UTC
Description	Integer Overflow or Wraparound vulnerability in artraweditor ART (rtengine modules). This vulnerability is associated with p

Risk And Classification

Primary CVSS: v4.0 8.5 HIGH from cve_disclosure@tech.gov.sg

CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:P/VC:H/VI:H/VA:H/SC:H/SI:H/SA:H/E:P/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:N/AU:N/R:U/V:D/RE:L/U:Amber

EPSS: 0.000200000 probability, percentile 0.056860000 (date 2026-05-05)

Problem Types: CWE-190 | CWE-190 CWE-190 Integer Overflow or Wraparound

Version	Source	Type	Score	Severity	Vector
4.0	cve_disclosure@tech.gov.sg	Secondary	8.5	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:P/VC:H/VI:H/VA:H/SC:H/SI:H/S
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:H/SI:H/S

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.

High

Sub Integrity

High

Sub Availability

High

CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:P/VC:H/VI:H/VA:H/SC:H/SI:H/SA:H/E:P/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:N/AU:N/R:U/V:D/RE:L/U:Amber

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Artraweditor	ART	affected 1.25.12 git	Not specified

References

Reference	Source	Link	Tags
github.com/artraweditor/ART/pull/427	cve_disclosure@tech.gov.sg	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

CNA: TITAN Team (titancaproject@gmail.com) (en)

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

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