



# Integer overflow vulnerabilities in InsightSoftwareConsortium/ITK

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

## Summary

<b>CVE</b>	CVE-2026-4739
<b>State</b>	PUBLISHED
<b>Assigner</b>	GovTech CSG
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-03-24 04:17:29 UTC
<b>Updated</b>	2026-05-05 20:38:41 UTC
<b>Description</b>	Integer Overflow or Wraparound vulnerability in InsightSoftwareConsortium ITK (Modules/ThirdParty/Expat/src/expat modul

## Risk And Classification

**Primary CVSS:** v4.0 9.4 CRITICAL from cve\_disclosure@tech.gov.sg

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:P/VC:H/VI:H/VA:H/SC:H/SI:H/SA:H/E:A/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:C/RE:M/U:A  
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**EPSS:** 0.000600000 probability, percentile 0.185670000 (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	9.4	CRITICAL	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:P/VC:H/VI:H/VA:H/SC:H/SI:H
4.0	CNA	CVSS	9.4	CRITICAL	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:P/VC:H/VI:H/VA:H/SC:H/SI:H

## CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

Passive

PASSIVE

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

High

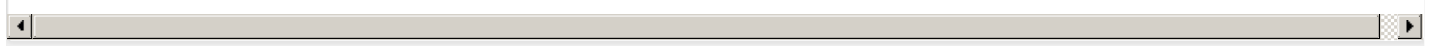
Sub Integrity

High

Sub Availability

High

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:P/VC:H/VI:H/VA:H/SC:H/SI:H/SA:H/E:A/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:C/RE:M/U:A  
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### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">InsightSoftwareConsortium</a>	ITK	affected 2.7.1 git	Not specified

### References

Reference	Source	Link	Tags
<a href="https://github.com/InsightSoftwareConsortium/ITK/pull/5351">github.com/InsightSoftwareConsortium/ITK/pull/5351</a>	<a href="mailto:cve_disclosure@tech.gov.sg">cve_disclosure@tech.gov.sg</a>	<a href="https://github.com">github.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

### Vendor Comments And Credit

Discovery Credit

**CNA:** TITAN Team ([titancaproject@gmail.com](mailto:titancaproject@gmail.com)) (en)

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

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