



OpenImageIO: Integer wraparound in bounds check of decode_pixel leads to out-of-bounds read in TGA paletted image decoder

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

Summary

| | |
|------------------------|--|
| CVE | CVE-2026-43996 |
| State | PUBLISHED |
| Assigner | GitHub_M |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2026-05-14 20:17:07 UTC |
| Updated | 2026-05-16 01:16:16 UTC |
| Description | OpenImageIO is a toolset for reading, writing, and manipulating image files of any image file format relevant to VFX / anima |

Risk And Classification

Primary CVSS: v3.1 5.5 MEDIUM from security-advisories@github.com

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

EPSS: 0.000120000 probability, percentile 0.018340000 (date 2026-05-18)

Problem Types: CWE-125 | CWE-125 CWE-125: Out-of-bounds Read

| Version | Source | Type | Score | Severity | Vector |
|---------|--------------------------------|-----------|-------|----------|--|
| 3.1 | security-advisories@github.com | Secondary | 5.5 | MEDIUM | CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H |
| 3.1 | CNA | DECLARED | 5.5 | MEDIUM | CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H |

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|-------------|-------------|-------------|---------|--------|---------|----------|
| Application | Openimageio | Openimageio | All | All | All | All |

Vendor Declared Affected Products

| Source | Vendor | Product | Version | Platforms |
|--------|---------------------------|-------------|--------------------------------------|---------------|
| CNA | AcademySoftwareFoundation | OpenImageIO | affected < 3.0.18.0 | Not specified |
| CNA | AcademySoftwareFoundation | OpenImageIO | affected >= 3.1.4.0-beta, < 3.1.13.0 | Not specified |

References

| Reference | Source | Link |
|---|--------------------------------------|--------------|
| github.com/AcademySoftwareFoundation/OpenImageIO/security/advisories/GHS... | 134c704f-9b21-4f2e-91b3-4a467353bcc0 | github.com |
| CVE Program record | CVE.ORG | www.cve.org |
| NVD vulnerability detail | NVD | nvd.nist.gov |

No vendor comments have been submitted for this CVE.

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

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