



# OpenImageIO: Signed integer overflow in SwapRGBABytes loop index leads to out-of-bounds read/write in DPX ABGR decoder

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

## Summary

<b>CVE</b>	CVE-2026-43909
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-14 20:17:07 UTC
<b>Updated</b>	2026-05-15 18:07:20 UTC
<b>Description</b>	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 8.8 HIGH from security-advisories@github.com

**CVSS:** [3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H](#)

**Problem Types:** CWE-125 | CWE-190 | CWE-787 | CWE-125 CWE-125: Out-of-bounds Read | CWE-190 CWE-190: Integer Overflow or Wraparound | CWE-787 CWE-787: Out-of-bounds Write

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	8.8	HIGH	<a href="#">CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H</a>
3.1	CNA	DECLARED	8.8	HIGH	<a href="#">CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H</a>

## CVSS v3.1 Breakdown

Attack Vector

**Network**

Attack Complexity

**Low**

Privileges Required

**None**

User Interaction

**Required**

Scope

**Unchanged**

Confidentiality

High

Integrity

High

Availability

High

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