



# CVE-2018-19756

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

## Summary

<b>CVE</b>	CVE-2018-19756
<b>State</b>	PUBLISHED
<b>Assigner</b>	mitre
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2018-11-30 03:29:00 UTC
<b>Updated</b>	2026-04-24 12:56:58 UTC
<b>Description</b>	There is a heap-based buffer over-read at stb_image.h (function: stbi__tga_load) in libsixel 1.8.2 that will cause a denial of

## Risk And Classification

**Primary CVSS:** v3.0 5.5 MEDIUM from nvd@nist.gov

**CVSS:** 3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

**EPSS:** 0.001510000 probability, percentile 0.354400000 (date 2026-04-26)

**Problem Types:** CWE-125 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	4.3		AV:N/AC:M/Au:N/C:N/I:N/A:P

## CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

None

Availability

High

CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

### CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

AV:N/AC:M/Au:N/C:N/I:N/A:P

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Saitoha	Libsixel	1.8.2	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

### References

#### Reference

1649198 – There is a heap-buffer-overflow at stb\_image.h:5580(function:stbi\_\_tga\_load) in libsixel latest version that will cause serious impac

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

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

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