



FlexHEX 2.71 Local Buffer Overflow via SEH Unicode

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

Summary

CVE	CVE-2019-25627
State	PUBLISHED
Assigner	VulnCheck
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-24 12:16:02 UTC
Updated	2026-04-15 16:10:01 UTC
Description	FlexHEX 2.71 contains a local buffer overflow vulnerability in the Stream Name field that allows local attackers to execute a

Risk And Classification

Primary CVSS: v4.0 8.6 HIGH from disclosure@vulncheck.com

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

EPSS: 0.000230000 probability, percentile 0.061900000 (date 2026-04-15)

Problem Types: CWE-434 | CWE-434 Unrestricted Upload of File with Dangerous Type

Version	Source	Type	Score	Severity	Vector
4.0	disclosure@vulncheck.com	Secondary	8.6	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA
4.0	CNA	CVSS	8.6	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA
3.1	nvd@nist.gov	Primary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	disclosure@vulncheck.com	Secondary	8.4	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	8.4	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

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

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Flexhex	Flexhex	2.71	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platform
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Source	Vendor	Product	Version	Platforms
CNA	Flexhex	FlexHEX	affected 2.71	Not specified

References

Reference	Source	Link	Tags
www.flexhex.com/download/flexhex_setup.exe	disclosure@vulncheck.com	www.flexhex.com	Broken L
www.vulncheck.com/advisories/flexhex-local-buffer-overflow-via-seh-unicode	disclosure@vulncheck.com	www.vulncheck.com	Third Par
www.exploit-db.com/exploits/46665	disclosure@vulncheck.com	www.exploit-db.com	Exploit, V
www.flexhex.com	disclosure@vulncheck.com	www.flexhex.com	Broken L
CVE Program record	CVE.ORG	www.cve.org	canonica
NVD vulnerability detail	NVD	nvd.nist.gov	canonica

Vendor Comments And Credit

Discovery Credit

CNA: [Chris Au](#) (en)

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

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