



# Hirschmann Industrial HiVision External Application Path Hijacking Leading to Arbitrary Code Execution

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

## Summary

<b>CVE</b>	CVE-2022-4987
<b>State</b>	PUBLISHED
<b>Assigner</b>	VulnCheck
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-03 21:17:08 UTC
<b>Updated</b>	2026-04-03 21:17:08 UTC
<b>Description</b>	Hirschmann Industrial HiVision version 08.1.03 prior to 08.1.04 and 08.2.00 contains a vulnerability in the execution of user

## Risk And Classification

**Primary CVSS:** v4.0 7 HIGH from disclosure@vulncheck.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:P/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:** 0.000030000 probability, percentile 0.001060000 (date 2026-04-04)

**Problem Types:** CWE-426 | CWE-426 CWE-426: Untrusted Search Path

Version	Source	Type	Score	Severity	Vector
4.0	disclosure@vulncheck.com	Secondary	7	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:P/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
4.0	CNA	CVSS	8.4	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:P/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
3.1	disclosure@vulncheck.com	Primary	7.3	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:R/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	7.3	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:R/S:U/C:H/I:H/A:H

## CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

Passive

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:L/UI:P/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/MS:C:X/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

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Belden	Hirschmann Industrial HiVision	affected 08.1.03 semver	Not specified
CNA	Belden	Hirschmann Industrial HiVision	unaffected 08.2.00 semver	Not specified
CNA	Belden	Hirschmann Industrial HiVision	unaffected 08.1.04 semver	Not specified

## References

Reference	Source	Link
<a href="http://www.vulncheck.com/advisories/hirschmann-industrial-hivision-external-applicatio...">www.vulncheck.com/advisories/hirschmann-industrial-hivision-external-applicatio...</a>	disclosure@vulncheck.com	<a href="http://www.vulncheck.com">www.vulncheck.com</a>
<a href="http://assets.belden.com/m/62ae167036cb17c3/original/Microsoft-Word-Belden_Security_Bu...">assets.belden.com/m/62ae167036cb17c3/original/Microsoft-Word-Belden_Security_Bu...</a>	disclosure@vulncheck.com	<a href="http://assets.belden.com">assets.belden.com</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

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

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