



# Malicious Code Execution Vulnerability in GENESIS64, ICONICS Suite, Hyper Historian, MC Works64, and GENESIS32

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

## Summary

<b>CVE</b>	CVE-2024-8299
<b>State</b>	PUBLISHED
<b>Assigner</b>	Mitsubishi
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2024-11-28 23:15:03 UTC
<b>Updated</b>	2026-04-08 14:16:24 UTC
<b>Description</b>	Uncontrolled Search Path Element vulnerability in Mitsubishi Electric GENESIS64 versions 10.97.3 and prior, Mitsubishi Ele

## Risk And Classification

**Primary CVSS:** v3.1 7.8 HIGH from Mitsubishielectric.Psirt@yd.MitsubishiElectric.co.jp

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

**Problem Types:** CWE-427 | CWE-427 CWE-427 Uncontrolled Search Path Element

Version	Source	Type	Score	Severity	Vector
3.1	Mitsubishielectric.Psirt@yd.MitsubishiElectric.co.jp	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

## 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

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">Mitsubishi Electric Corporation</a>	<a href="#">GENESIS64</a>	affected versions 10.97.3 and prior	Not specified
CNA	<a href="#">Mitsubishi Electric Corporation</a>	<a href="#">ICONICS Suite</a>	affected versions 10.97.3 and prior	Not specified
CNA	<a href="#">Mitsubishi Electric Corporation</a>	<a href="#">Hyper Historian</a>	affected versions 10.97.3 and prior	Not specified
CNA	<a href="#">Mitsubishi Electric Corporation</a>	<a href="#">GENESIS32</a>	affected all versions	Not specified
CNA	<a href="#">Mitsubishi Electric Corporation</a>	<a href="#">MC Works64</a>	affected all versions	Not specified
CNA	<a href="#">Mitsubishi Electric Iconics Digital Solutions</a>	<a href="#">GENESIS64</a>	affected versions 10.97.3 and prior	Not specified
CNA	<a href="#">Mitsubishi Electric Iconics Digital Solutions</a>	<a href="#">ICONICS Suite</a>	affected versions 10.97.3 and prior	Not specified
CNA	<a href="#">Mitsubishi Electric Iconics Digital Solutions</a>	<a href="#">Hyper Historian</a>	affected versions 10.97.3 and prior	Not specified
CNA	<a href="#">Mitsubishi Electric Iconics Digital Solutions</a>	<a href="#">GENESIS32</a>	affected all versions	Not specified
ADP	<a href="#">Iconics</a>	<a href="#">Genesis64</a>	affected * custom	Not specified
ADP	<a href="#">Mitsubishielectric</a>	<a href="#">Mc Works64</a>	affected * custom	Not specified

### References

Reference	Source	Link
<a href="#">jvn.jp/vu/JVNVU93891820</a>	<a href="mailto:Mitsubishielectric.Psirt@yd.MitsubishiElectric.co.jp">Mitsubishielectric.Psirt@yd.MitsubishiElectric.co.jp</a>	<a href="#">jvn.jp</a>
<a href="#">www.mitsubishielectric.com/psirt/vulnerability/pdf/2024-010_en.pdf</a>	<a href="mailto:Mitsubishielectric.Psirt@yd.MitsubishiElectric.co.jp">Mitsubishielectric.Psirt@yd.MitsubishiElectric.co.jp</a>	<a href="#">www.mitsubishielectric.com</a>
<a href="#">www.cisa.gov/news-events/ics-advisories/icsa-24-338-04</a>	<a href="mailto:Mitsubishielectric.Psirt@yd.MitsubishiElectric.co.jp">Mitsubishielectric.Psirt@yd.MitsubishiElectric.co.jp</a>	<a href="#">www.cisa.gov</a>
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>

### Vendor Comments And Credit

Discovery Credit

**CNA:** Asher Davila of Palo Alto Networks (en)

**CNA:** Malav Vyas of Palo Alto Networks (en)

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

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