



America's Cyber Defense Agency

NATIONAL COORDINATOR FOR CRITICAL INFRASTRUCTURE SECURITY AND RESILIENCE

ICS ADVISORY

Mitsubishi Electric Iconics Digital Solutions and Mitsubishi Electric Products (Update C)

Last Revised: April 07, 2026

Alert Code: ICSA-24-338-04

RELATED TOPICS: [INDUSTRIAL CONTROL SYSTEM VULNERABILITIES](#) </topics/industrial-control-systems/industrial-control-system-vulnerabilities>, [INDUSTRIAL CONTROL SYSTEMS](#) </topics/industrial-control-systems>

◆————◆

View CSAF <https://github.com/cisagov/csaf/blob/develop/csaf_files/ot/white/2024/icsa-24-338-04_drupal.json>

Summary

Successful exploitation of these vulnerabilities could allow a local attacker to execute an arbitrary code by storing a specially crafted DLL in a specific folder or tampering with a specially crafted DLL. This could lead to disclose information in the affected products, tamper with, destroy or delete information in the affected products, or cause a denial of service (DoS) condition on the products.

The following versions of Mitsubishi Electric Iconics Digital Solutions and Mitsubishi Electric Products (Update C) are affected:

- Mitsubishi Electric GENESIS64 <=10.97.3, 10.97.2|10.97.2_CFR1|10.97.2_CFR2|10.97.3 (CVE-2024-8299, CVE-2024-9852, CVE-2024-8300)
- Mitsubishi Electric ICONICS Suite <=10.97.3, 10.97.2|10.97.2_CFR1|10.97.2_CFR2|10.97.3 (CVE-2024-8299, CVE-2024-9852, CVE-2024-8300)
- Mitsubishi Electric MC Works64 vers:all/* (CVE-2024-8299, CVE-2024-9852)
- Mitsubishi Electric GENESIS32 vers:all/* (CVE-2024-8299, CVE-2024-9852)
- Mitsubishi Electric Hyper Historian <=10.97.3 (CVE-2024-8299, CVE-2024-9852)
- Mitsubishi Electric Iconics Digital Solutions GENESIS64 <=10.97.3, 10.97.2|10.97.2_CFR1|10.97.2_CFR2|10.97.3 (CVE-2024-8299, CVE-2024-9852, CVE-2024-8300)
- Mitsubishi Electric Iconics Digital Solutions ICONICS Suite <=10.97.3, 10.97.2|10.97.2_CFR1|10.97.2_CFR2|10.97.3 (CVE-2024-8299, CVE-2024-9852, CVE-2024-8300)
- Mitsubishi Electric Iconics Digital Solutions GENESIS32 vers:all/* (CVE-2024-8299, CVE-2024-9852)
- Mitsubishi Electric Iconics Digital Solutions Hyper Historian <=10.97.3 (CVE-2024-8299, CVE-2024-9852)

CVSS	Vendor	Equipment	Vulnerabilities
v3 7.8	Mitsubishi Electric Iconics Digital Solutions and Mitsubishi Electric	Mitsubishi Electric Iconics Digital Solutions and Mitsubishi Electric Products (Update C)	Uncontrolled Search Path Element, Dead Code

Background

- **Critical Infrastructure Sectors:** Critical Manufacturing
 - **Countries/Areas Deployed:** Worldwide
 - **Company Headquarters Location:** United States, Japan
-

Vulnerabilities

Expand All +

CVE-2024-8299



CVE-2024-8300



CVE-2024-9852



Acknowledgments

- Asher Davila and Malav Vyas of Palo Alto Networks reported these vulnerabilities to Mitsubishi Electric Iconics Digital Solutions
-

Legal Notice and Terms of Use

This product is provided subject to this Notification (<https://www.cisa.gov/notification>) and this Privacy & Use policy (<https://www.cisa.gov/privacy-policy>).

Recommended Practices

CISA recommends users take defensive measures to minimize the exploitation risk of this vulnerability. Minimize network exposure for all control system devices and/or systems, and ensure they are not accessible from the internet. Locate control system networks and remote devices behind firewalls and isolate them from business networks. When remote access is required, use more secure methods, such as virtual private networks (VPNs), recognizing VPNs may have vulnerabilities and should be updated to the most recent version available. Also recognize VPN is only as secure as its connected devices.

CISA reminds organizations to perform proper impact analysis and risk assessment prior to deploying defensive measures.

CISA also provides a section for control systems security recommended practices on the ICS webpage on [cisa.gov](https://www.cisa.gov). Several CISA products detailing cyber defense best practices are available for reading and download, including Improving Industrial Control Systems Cybersecurity with Defense-in-Depth Strategies.

CISA encourages organizations to implement recommended cybersecurity strategies for proactive defense of ICS assets. Additional mitigation guidance and recommended practices are publicly available on the ICS webpage at [cisa.gov](https://www.cisa.gov) in the technical information paper, ICS-TIP-12-146-01B--Targeted Cyber Intrusion Detection and Mitigation Strategies.

Organizations observing suspected malicious activity should follow established internal procedures and report findings to CISA for tracking and correlation against other incidents.

Advisory Conversion Disclaimer

This ICSA is a verbatim republication of Mitsubishi Electric security advisory 2024-010 from a direct conversion of the vendor's Common Security Advisory Framework (CSAF) advisory. This is republished to CISA's website as a means of increasing visibility and is provided "as-

is" for informational purposes only. CISA is not responsible for the editorial or technical accuracy of republished advisories and provides no warranties of any kind regarding any information contained within this advisory. Further, CISA does not endorse any commercial product or service. Please contact CISA directly for any questions regarding this advisory.

Revision History

■ **Initial Release Date:** 2024-12-03

Date	Revision	Summary
2024-12-03	1	Initial Publication
2026-01-08	2	Update A - Added GENESIS32.
2026-03-10	3	Update B - Added ICONICS Suite.
2026-04-07	4	Update C - Added fixed versions.

Legal Notice and Terms of Use

This product is provided subject to this [Notification](#) and this [Privacy & Use](#) policy.

Vendor

- ICONICS, Mitsubishi Electric
- Mitsubishi Electric

Tags

Sector: Critical Manufacturing Sector </topics/critical-infrastructure-security-and-resilience/critical-infrastructure-sectors/critical-manufacturing-sector>

Topics: Industrial Control System Vulnerabilities </topics/industrial-control-systems/industrial-control-system-vulnerabilities>, Industrial Control Systems </topics/industrial-control-systems>



Please share your thoughts

We recently updated our anonymous [product survey](#); we welcome your feedback.

Related Advisories

APR 09, 2026 ■ ICS ADVISORY | ICSA-26-099-02

APR 09, 2026 ■ ICS ADVISORY | ICSA-26-099-01

[GPL Odorizers GPL750](#)

[events/ics-advisories/icsa-26-099-02](#)

APR 07, 2026 ■ ICS ADVISORY | ICSA-26-097-01

[Mitsubishi Electric GENESIS64 and ICONICS Suite products](#)

[/news-events/ics-advisories/icsa-26-097-01](#)

[Contemporary Controls BASC](#)

[20T](#) [/news-events/ics-advisories/icsa-26-099-01](#)

APR 02, 2026 ■ ICS ADVISORY | ICSA-26-092-02

[Yokogawa CENTUM VP](#)

[events/ics-advisories/icsa-26-092-02](#)

[Return to top](#)

[Topics](#)

[Spotlight](#)

[Resources & Tools](#)

[News & Events](#)

[Careers](#)

[About](#)



CYBERSECURITY & INFRASTRUCTURE SECURITY AGENCY



CISA Central

1-844-Say-CISA

contact@cisa.dhs.gov



CISA.gov

An official website of the U.S. Department of Homeland Security

[About CISA](#)

[Budget and Performance](#)

[DHS.gov](https://www.dhs.gov)

[/https://www.dhs.gov/performance-financial-reports](https://www.dhs.gov/performance-financial-reports)

[FOIA Requests](https://www.dhs.gov/foia)
<https://www.dhs.gov/foia>

[No FEAR Act](#) </no-fear-act>

[Office of Inspector General](https://www.oig.dhs.gov/)
<https://www.oig.dhs.gov/>

[Privacy Policy](#) </privacy-policy>

[Subscribe](#)

[The White House](https://www.whitehouse.gov/)
<https://www.whitehouse.gov/>

[USA.gov](https://www.usa.gov/) <https://www.usa.gov/>

[Website Feedback](/forms/feedback) </forms/feedback>