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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

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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. 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 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.

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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.

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Vendor

- ICONICS, Mitsubishi Electric
- Mitsubishi Electric

Tags

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