



# Product Cybersecurity Advisory

## DIAEnergie Multiple Vulnerabilities

March 15, 2024

### Purpose

Delta Electronics received a notification from ICS-CERT on November 21, 2023 that the product DIAEnergie (v1.10.00.004 and earlier versions) has multiple vulnerabilities. Here we provide instructions on the relevant analysis, processing, arrangements and mitigation plans for the vulnerabilities: [ICSA-24-074-12](#).

### Vulnerabilities Details

#	Vulnerability Type	CVE Number	Severity	Impact
1	IMPROPER AUTHORIZATION CWE-285	CVE-2024-28029	High	Privileges are not fully verified server-side, which can be abused by a user with limited privileges to bypass authorization and access privileged functionality.
2	IMPROPER NEUTRALIZATION OF SPECIAL ELEMENTS USED IN AN SQL COMMAND (‘SQL INJECTION’) CWE-89	CVE-2024-28891 CVE-2024-25937 CVE-2024-28040 CVE-2024-23975 CVE-2024-23494 CVE-2024-25574	High	This can be used to alter query logic to bypass security checks, or to insert additional statements that modify the back-end database, possibly including execution of system commands.
3	IMPROPER LIMITATION OF A PATHNAME TO A RESTRICTED DIRECTORY (‘PATH TRAVERSAL’) CWE-22	CVE-2024-28171 CVE-2024-25567	High	It is possible to perform a path traversal attack and write outside of the intended directory. If a file name is specified that already exists on the file system, then the original file will be overwritten.
4	IMPROPER NEUTRALIZATION OF INPUT DURING WEB PAGE GENERATION (‘CROSS-SITE SCRIPTING’) CWE-79	CVE-2024-28045	Medium	Improper Neutralization of Input within the affected product could lead to cross-site Scripting.

## Affected Products

Product Series	Affected Versions
DIAEnergie	V1.10.00.004 and prior

## Mitigations

Product Series	Mitigations	Notifications
DIAEnergie	Users are recommended to update to DIAEnergie v1.10.00.005 or later.	None

We appreciate and value having cybersecurity concerns brought to our attention. Delta Electronics constantly monitors for both known and unknown threats. Being proactive rather than reactive to emerging security issues is fundamental for product support at Delta Electronics.

If you have any product-related support concerns, please find a contact from the following company's portal page to reach us for any information or materials you may require.

- <https://www.deltaww.com/en-US/Customer-Service>

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## Revision History

Release Date	Revision	Description
March 15, 2024	1.0	First publication