Product Cybersecurity Advisory

mydeltasolar.deltaww.com Cross Site Scripting Vulnerability

November 29, 2022

Purpose

On November 18, 2022, Delta was informed Cross-site Scripting (XSS) vulnerabilities exists in product web site mydeltasolar.deltaww.com and applied the fixes on November 29, 2022, hereby disclosed regarding investigation, countermeasures, and remediations.

Vulnerabilities Details

<table>
<tr><th>#</th><th>Vulnerability Type</th><th>Severity</th><th>Impact</th></tr>
<tr><td rowspan="3">1</td><td>Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting') (CWE-79)</td><td>Medium</td><td>● The vulnerable web site does not sufficiently validate, filter, escape, and/or encode user-controllable input before it is placed in output that is used as a web page that is served to other users.
● Typically, a malicious user will craft a client-side script, which -- when parsed by a web browser -- performs some activity (such as sending all site cookies to a given E-mail address).
● In some circumstances it may be possible to run arbitrary code on a victim's computer when cross-site scripting is combined with other flaws.
● Other damaging attacks include the disclosure of end user files, installation of Trojan horse programs, redirecting the user to some other page or site, and modifying presentation of content.</td></tr>
<tr><td colspan="3">Base Score：4.8 (CVSS v3.x)
Vector：AV:N/AC:L/PR:H/UI:R/S:C/C:L/I:L/A:N</td></tr>
<tr><td colspan="3"><b>Vulnerable Scope</b>
“My Delta Solar Cloud” web portal https://mydeltasolar.deltaww.com/ :
1. The page forwarding part on index and edit page.
2. The language switching part on index page.</td></tr>
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Affected Products

Product Series	Affected Versions
“My Delta Solar Cloud” web portal https://mydeltasolar.deltaww.com/	NA

Mitigations

Product Series	Mitigations	Notifications
“My Delta Solar Cloud” web portal https://mydeltasolar.deltaww.com/	1. Enhanced parameter validation. 2. Forcibly convert parameters to HTML entities.	NA

Acknowledgements

Delta Electronics would like to express our appreciation to cyber security researcher - pudsec from OpenBugBounty.org for reporting the vulnerability, working with us to help enhance the security of our products, and helping us provide a better service to our customers.

References

- CWE-79: Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting')
- OWASP: Cross Site Scripting (XSS)

Contact Us

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
November 29, 2022	1.0	First Release