

مجلس الأمان السيبراني
CYBER SECURITY COUNCIL



Critical Vulnerability in Dover Fueling Solutions ProGauge
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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed a critical vulnerability has been discovered in Dover Fueling Solutions' ProGauge MagLink LX Consoles, widely used for monitoring fuel and water tank systems in the transportation sector.

TECHNICAL DETAILS:

A critical vulnerability has been discovered in Dover Fueling Solutions' ProGauge MagLink LX Consoles, widely used for monitoring fuel and water tank systems in the transportation sector. Identified as CVE-2025-5310, the flaw allows remote attackers to bypass authentication mechanisms through an undocumented and unauthenticated Target Communication Framework (TCF) interface. Exploitation could allow unauthorized attackers to manipulate fueling operations, deploy malware, or delete critical system configurations. The vulnerability carries a CVSS v3 score of 9.8 and a CVSS v4 score of 9.2, underscoring its high potential impact.

Technical Details:

CVE-2025-5310:

- **CVSS v3.1 Score:** 9.8 (AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H)
- **CVSS v4.0 Score:** 9.2 (AV:N/AC:L/AT:P/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N)

Affected Products:

- ProGauge MagLink LX 4: Versions prior to 4.20.3
- ProGauge MagLink LX Plus: Versions prior to 4.20.3
- ProGauge MagLink LX Ultimate: Versions prior to 5.20.3

Fixed Version:

- For ProGauge MagLink LX 4 and LX Plus: Upgrade to version 4.20.3 or later.
- For ProGauge MagLink LX Ultimate: Upgrade to version 5.20.3 or later.

RECOMMENDATIONS:

- Dover Fueling Solutions has released security updates to address this vulnerability. All users are strongly advised to apply the latest available patches for affected ProGauge MagLink LX consoles.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

REFERENCES:

- <https://www.cve.org/CVERecord?id=CVE-2025-5310>