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Festo: MSE6-C2M/D2M/E2M Incomplete User Documentation of Remote Accessible Functions

VDE-2023-020

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Vendor(s)	Festo SE & Co. KG
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Summary

Incomplete user documentation of undocumented, authenticated test mode and further remote accessible functions.

The supported features may be covered only partly by the corresponding user documentation.

Festo developed the products according to the respective state of the art. As a result, the protocols used no longer fully meet today's security requirements.

The products are designed and developed for use in sealed-off (industrial) networks.

If the network is not adequately sealed off, unauthorized access to the product can cause damage or malfunctions, particularly Denial of Service (DoS) or loss of integrity.

Impact

In products of the MSE6 product-family by Festo a remote authenticated attacker could use functions of undocumented test mode which could lead to a complete loss of confidentiality, integrity and availability.

Affected Product(s)

Model no.	Product name	Affected versions
8169406	MSE6-C2M-5000-FB36-D-M-RG-BAR-M12L4-AGD	vers:all/*
8157913	MSE6-C2M-5000-FB36-D-M-RG-BAR-M12L5-AGD	vers:all/*
8169407	MSE6-C2M-5000-FB43-D-M-RG-BAR-M12L4-MQ1-AGD	vers:all/*
8157912	MSE6-C2M-5000-FB43-D-M-RG-BAR-M12L5-MQ1-AGD	vers:all/*
8157908	MSE6-C2M-5000-FB44-D-M-RG-BAR-AMI-AGD	vers:all/*
8157909	MSE6-C2M-5000-FB44-D-RG-BAR-AMI-AGD	vers:all/*
8085453	MSE6-D2M-5000-CBUS-S-RG-BAR-VCB-AGD	vers:all/*
2465321	MSE6-E2M-5000-FB13-AGD	vers:all/*
3990296	MSE6-E2M-5000-FB36-AGD	vers:all/*
3992150	MSE6-E2M-5000-FB37-AGD	vers:all/*
8157910	MSE6-E2M-5000-FB43-AGD	vers:all/*

Model no.	Product name	Affected versions
8157911	MSE6-E2M-5000-FB44-AGD	vers:all/*

Vulnerabilities

[Expand / Collapse all](#)**CVE-2023-3634** 8.8

Remediation

Update of user documentation in next product version.

Acknowledgments

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- CERT@VDE for coordination and support with this publication (see <https://certvde.com> ↗)

Revision History

Version	Date	Summary
1.0.0	05.09.2023 12:00	Initial revision.

Version	Date	Summary
1.0.1	01.10.2025 12:00	Adjusted to VDE template. Changed title from "MSE6-C2M/D2M/E2M Incomplete User Documentation of Remote Accessible Functions" to "Festo: MSE6-C2M/D2M/E2M Incomplete User Documentation of Remote Accessible Functions".

Kontakt

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