



# CVE-2020-7487

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2020-7487
<b>State</b>	PUBLIC
<b>Assigner</b>	cybersecurity@schneider-electric.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-04-22 19:15:00 UTC
<b>Updated</b>	2022-02-03 16:12:00 UTC
<b>Description</b>	A CWE-345: Insufficient Verification of Data Authenticity vulnerability exists which could allow the attacker to execute malicious code.

## Risk And Classification

### Problem Types: CWE-345

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Schneider-electric	Ecostruxure Machine Expert	All	All	All	All
Hardware	Schneider-electric	Modicon M218	-	All	All	All
Operating System	Schneider-electric	Modicon M218 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M241	-	All	All	All
Operating System	Schneider-electric	Modicon M241 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M251	-	All	All	All
Operating System	Schneider-electric	Modicon M251 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M258	-	All	All	All
Operating System	Schneider-electric	Modicon M258 Firmware	All	All	All	All
Application	Schneider-electric	Somachine	All	All	All	All
Application	Schneider-electric	Somachine Motion	All	All	All	All
Application	Se	Ecostruxure Machine Expert	All	All	All	All
Application	Se	Ecostruxure Machine Expert	All	All	All	All
Hardware	Se	Modicon M218	-	All	All	All
Hardware	Se	Modicon M218	-	All	All	All
Operating System	Se	Modicon M218 Firmware	All	All	All	All
Operating System	Se	Modicon M218 Firmware	All	All	All	All

Hardware	Se	<a href="#">Modicon M241</a>	-	All	All	All
Hardware	Se	<a href="#">Modicon M241</a>	-	All	All	All
Operating System	Se	<a href="#">Modicon M241 Firmware</a>	All	All	All	All
Operating System	Se	<a href="#">Modicon M241 Firmware</a>	All	All	All	All
Hardware	Se	<a href="#">Modicon M251</a>	-	All	All	All
Hardware	Se	<a href="#">Modicon M251</a>	-	All	All	All
Operating System	Se	<a href="#">Modicon M251 Firmware</a>	All	All	All	All
Operating System	Se	<a href="#">Modicon M251 Firmware</a>	All	All	All	All
Hardware	Se	<a href="#">Modicon M258</a>	-	All	All	All
Hardware	Se	<a href="#">Modicon M258</a>	-	All	All	All
Operating System	Se	<a href="#">Modicon M258 Firmware</a>	All	All	All	All
Operating System	Se	<a href="#">Modicon M258 Firmware</a>	All	All	All	All
Application	Se	<a href="#">Somachine</a>	All	All	All	All
Application	Se	<a href="#">Somachine</a>	All	All	All	All
Application	Se	<a href="#">Somachine Motion</a>	All	All	All	All
Application	Se	<a href="#">Somachine Motion</a>	All	All	All	All

## References

### Reference

Security Notification - Modicon M218/M241/M251/M258 Logic Controllers, SoMachine/SoMachine Motion, and EcoStruxure™ Machine Expert

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status** [status.cve.report](#)