



CVE-2022-45789

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2022-45789
State	PUBLIC
Assigner	cybersecurity@schneider-electric.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-01-31 06:15:00 UTC
Updated	2023-08-09 14:15:00 UTC
Description	A CWE-294: Authentication Bypass by Capture-replay vulnerability exists that could cause execution of unauthorized Modb

Risk And Classification

Problem Types: CWE-294

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Schneider-electric	Ecostruxure Control Expert	All	All	All	All
Application	Schneider-electric	Ecostruxure Process Expert	All	All	All	All
Hardware	Schneider-electric	Modicon M340 Bmxp341000	-	All	All	All
Operating System	Schneider-electric	Modicon M340 Bmxp341000 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M340 Bmxp342000	-	All	All	All
Operating System	Schneider-electric	Modicon M340 Bmxp342000 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M340 Bmxp342010	All	All	All	All
Hardware	Schneider-electric	Modicon M340 Bmxp3420102	-	All	All	All
Operating System	Schneider-electric	Modicon M340 Bmxp3420102 Firmware	All	All	All	All
Operating System	Schneider-electric	Modicon M340 Bmxp342010 Firmware	-	All	All	All
Hardware	Schneider-electric	Modicon M340 Bmxp342020	-	All	All	All
Hardware	Schneider-electric	Modicon M340 Bmxp342020h	-	All	All	All
Operating System	Schneider-electric	Modicon M340 Bmxp342020h Firmware	All	All	All	All
Operating System	Schneider-electric	Modicon M340 Bmxp342020 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M340 Bmxp342030	-	All	All	All
Hardware	Schneider-electric	Modicon M340 Bmxp3420302	-	All	All	All
Hardware	Schneider-electric	Modicon M340 Bmxp3420302h	-	All	All	All

Operating System	Schneider-electric	Modicon M340 Bmxxp3420302h Firmware	All	All	All	All
Operating System	Schneider-electric	Modicon M340 Bmxxp3420302 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M340 Bmxxp342030h	-	All	All	All
Operating System	Schneider-electric	Modicon M340 Bmxxp342030h Firmware	All	All	All	All
Operating System	Schneider-electric	Modicon M340 Bmxxp342030 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh582040	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh582040c	-	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmeh582040c Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh582040s	-	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmeh582040s Firmware	All	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmeh582040 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh584040	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh584040c	-	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmeh584040c Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh584040s	-	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmeh584040s Firmware	All	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmeh584040 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh586040	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh586040c	-	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmeh586040c Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh586040s	-	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmeh586040s Firmware	All	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmeh586040 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep581020	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep581020h	-	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmep581020h Firmware	All	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmep581020 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep582020	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep582020h	-	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmep582020h Firmware	All	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmep582020 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep582040	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep582040h	-	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmep582040h Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep582040s	-	All	All	All

Operating System	Schneider-electric	Modicon M580 Bmep582040s Firmware	All	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmep582040 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep583020	-	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmep583020 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep583040	-	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmep583040 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep584020	-	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmep584020 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep584040	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep584040s	-	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmep584040s Firmware	All	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmep584040 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep585040	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep585040c	-	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmep585040c Firmware	All	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmep585040 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep586040	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep586040c	-	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmep586040c Firmware	All	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmep586040 Firmware	All	All	All	All

References

Reference	Source	Link	Tags
download.schneider-electric.com/files	MISC	download.schneider-electric.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[591331](#) Schneider Electric Modicon M340, M580 CPU and M580 CPU Safety Authentication Bypass Vulnerability (SEVD-2023-010-06)

© [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](#).

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report