



CVE-2021-22790

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

Summary

CVE	CVE-2021-22790
State	PUBLIC
Assigner	cybersecurity@schneider-electric.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-09-02 17:15:00 UTC
Updated	2021-09-13 19:28:00 UTC
Description	A CWE-125: Out-of-bounds Read vulnerability that could cause a Denial of Service on the Modicon PLC controller / simulat

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Schneider-electric	Modicon M340 Bmxc341000	-	All	All	All
Hardware	Schneider-electric	Modicon M340 Bmxc342010	-	All	All	All
Hardware	Schneider-electric	Modicon M340 Bmxc342020	-	All	All	All
Hardware	Schneider-electric	Modicon M340 Bmxc342030	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh582040	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh582040c	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh582040s	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh584040	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh584040c	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh584040s	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh586040	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh586040c	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmeh586040s	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep581020	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep581020h	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep582020	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep582020h	-	All	All	All

Hardware	Schneider-electric	Modicon M580 Bmep582040	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep582040h	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep582040s	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep583020	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep583040	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep584020	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep584040	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep584040s	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep585040	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep585040c	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep586040	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep586040c	-	All	All	All
Hardware	Schneider-electric	Modicon Mc80 Bmkc8020301	-	All	All	All
Hardware	Schneider-electric	Modicon Mc80 Bmkc8020310	-	All	All	All
Hardware	Schneider-electric	Modicon Mc80 Bmkc8030311	-	All	All	All
Hardware	Schneider-electric	Modicon Momentum 171cbu78090	-	All	All	All
Hardware	Schneider-electric	Modicon Momentum 171cbu98090	-	All	All	All
Hardware	Schneider-electric	Modicon Momentum 171cbu98091	-	All	All	All
Hardware	Schneider-electric	Modicon Premium Tsp57 1634m	-	All	All	All
Hardware	Schneider-electric	Modicon Premium Tsp57 2634m	-	All	All	All
Hardware	Schneider-electric	Modicon Premium Tsp57 2834m	-	All	All	All
Hardware	Schneider-electric	Modicon Premium Tsp57 454m	-	All	All	All
Hardware	Schneider-electric	Modicon Premium Tsp57 4634m	-	All	All	All
Hardware	Schneider-electric	Modicon Premium Tsp57 554m	-	All	All	All
Hardware	Schneider-electric	Modicon Premium Tsp57 5634m	-	All	All	All
Hardware	Schneider-electric	Modicon Premium Tsp57 6634m	-	All	All	All
Hardware	Schneider-electric	Modicon Quantum 140cpu65150	-	All	All	All
Hardware	Schneider-electric	Modicon Quantum 140cpu65150c	-	All	All	All
Hardware	Schneider-electric	Modicon Quantum 140cpu65160	-	All	All	All
Hardware	Schneider-electric	Modicon Quantum 140cpu65160c	-	All	All	All
Hardware	Schneider-electric	Plc Simulator For Ecostruxure Control Expert	-	All	All	All
Hardware	Schneider-electric	Plc Simulator For Ecostruxure Process Expert	-	All	All	All

References

Reference	Source	Link	Tags

download.schneider-electric.com/files	MISC	download.schneider-electric.com	
download.schneider-electric.com/files	MISC	download.schneider-electric.com	Patch, Vendor Advisory
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

[590778](#) Schneider Electric Modicon PAC Controllers Multiple Vulnerabilities (SEVD-2021-222-04)

© [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](#)