



CVE-2018-7838

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

Summary

CVE	CVE-2018-7838
State	PUBLIC
Assigner	cybersecurity@schneider-electric.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-07-15 21:15:00 UTC
Updated	2022-04-19 15:36:00 UTC
Description	A CWE-119 Buffer Errors vulnerability exists in Modicon M580 CPU - BMEP582040, all versions before V2.90, and Modicon

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Schneider-electric	Bmeh582040	-	All	All	All
Hardware	Schneider-electric	Bmeh582040	-	All	All	All
Hardware	Schneider-electric	Bmeh582040c	-	All	All	All
Hardware	Schneider-electric	Bmeh582040c	-	All	All	All
Operating System	Schneider-electric	Bmeh582040 Firmware	All	All	All	All
Operating System	Schneider-electric	Bmeh582040 Firmware	All	All	All	All
Hardware	Schneider-electric	Bmeh584040	-	All	All	All
Hardware	Schneider-electric	Bmeh584040	-	All	All	All
Hardware	Schneider-electric	Bmeh584040c	-	All	All	All
Hardware	Schneider-electric	Bmeh584040c	-	All	All	All
Hardware	Schneider-electric	Bmeh586040	-	All	All	All
Hardware	Schneider-electric	Bmeh586040	-	All	All	All
Hardware	Schneider-electric	Bmeh586040c	-	All	All	All
Hardware	Schneider-electric	Bmeh586040c	-	All	All	All
Operating System	Schneider-electric	Bmeh586040 Firmware	All	All	All	All
Operating System	Schneider-electric	Bmeh586040 Firmware	All	All	All	All
Hardware	Schneider-electric	Bmenoc0301	-	All	All	All

Hardware	Schneider-electric	Bmenoc0301	-	All	All	All
Operating System	Schneider-electric	Bmenoc0301 Firmware	All	All	All	All
Operating System	Schneider-electric	Bmenoc0301 Firmware	All	All	All	All
Hardware	Schneider-electric	Bmep581020	-	All	All	All
Hardware	Schneider-electric	Bmep581020	-	All	All	All
Hardware	Schneider-electric	Bmep581020h	-	All	All	All
Hardware	Schneider-electric	Bmep581020h	-	All	All	All
Operating System	Schneider-electric	Bmep581020 Firmware	All	All	All	All
Operating System	Schneider-electric	Bmep581020 Firmware	All	All	All	All
Hardware	Schneider-electric	Bmep582020	-	All	All	All
Hardware	Schneider-electric	Bmep582020	-	All	All	All
Hardware	Schneider-electric	Bmep582020h	-	All	All	All
Hardware	Schneider-electric	Bmep582020h	-	All	All	All
Operating System	Schneider-electric	Bmep582020 Firmware	All	All	All	All
Operating System	Schneider-electric	Bmep582020 Firmware	All	All	All	All
Hardware	Schneider-electric	Bmep582040	-	All	All	All
Hardware	Schneider-electric	Bmep582040	-	All	All	All
Hardware	Schneider-electric	Bmep582040h	-	All	All	All
Hardware	Schneider-electric	Bmep582040h	-	All	All	All
Hardware	Schneider-electric	Bmep582040s	-	All	All	All
Hardware	Schneider-electric	Bmep582040s	-	All	All	All
Operating System	Schneider-electric	Bmep582040s Firmware	All	All	All	All
Operating System	Schneider-electric	Bmep582040s Firmware	All	All	All	All
Operating System	Schneider-electric	Bmep582040 Firmware	All	All	All	All
Operating System	Schneider-electric	Bmep582040 Firmware	All	All	All	All
Hardware	Schneider-electric	Bmep583020	-	All	All	All
Hardware	Schneider-electric	Bmep583020	-	All	All	All
Operating System	Schneider-electric	Bmep583020 Firmware	All	All	All	All
Operating System	Schneider-electric	Bmep583020 Firmware	All	All	All	All
Hardware	Schneider-electric	Bmep583040	-	All	All	All
Hardware	Schneider-electric	Bmep583040	-	All	All	All
Operating System	Schneider-electric	Bmep583040 Firmware	All	All	All	All
Operating System	Schneider-electric	Bmep583040 Firmware	All	All	All	All
Hardware	Schneider-electric	Bmep584020	-	All	All	All
Hardware	Schneider-electric	Bmep584020	-	All	All	All

Operating System	Schneider-electric	Bmep584020 Firmware	All	All	All	All
Operating System	Schneider-electric	Bmep584020 Firmware	All	All	All	All
Hardware	Schneider-electric	Bmep584040	-	All	All	All
Hardware	Schneider-electric	Bmep584040	-	All	All	All
Hardware	Schneider-electric	Bmep584040s	-	All	All	All
Hardware	Schneider-electric	Bmep584040s	-	All	All	All
Operating System	Schneider-electric	Bmep584040 Firmware	All	All	All	All
Operating System	Schneider-electric	Bmep584040 Firmware	All	All	All	All
Hardware	Schneider-electric	Bmep585040	-	All	All	All
Hardware	Schneider-electric	Bmep585040	-	All	All	All
Hardware	Schneider-electric	Bmep585040c	-	All	All	All
Hardware	Schneider-electric	Bmep585040c	-	All	All	All
Operating System	Schneider-electric	Bmep585040 Firmware	All	All	All	All
Operating System	Schneider-electric	Bmep585040 Firmware	All	All	All	All
Hardware	Schneider-electric	Bmep586040	-	All	All	All
Hardware	Schneider-electric	Bmep586040	-	All	All	All
Hardware	Schneider-electric	Bmep586040c	-	All	All	All
Hardware	Schneider-electric	Bmep586040c	-	All	All	All
Operating System	Schneider-electric	Bmep586040 Firmware	All	All	All	All
Operating System	Schneider-electric	Bmep586040 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 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 Bmep582020 Firmware	All	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
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 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 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 Bmep586040 Firmware	All	All	All	All

References

Reference	Source	Link	Tags
Security Notification - Modicon M580 Controller Schneider Electric	MISC	www.schneider-electric.com	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

[590767](#) Schneider Electric Modicon M580 Controller Vulnerability (SEVD-2019-190-03)

© [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](#)