

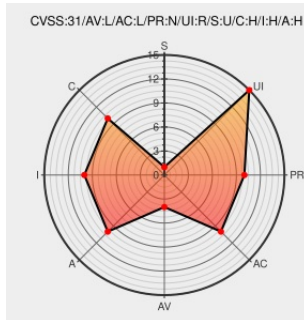


CVE-2021-46159

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CVE-2021-46159

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Simcenter Femap](#) from [Siemens](#) contain the following vulnerability:

A vulnerability has been identified in Simcenter Femap V2020.2 (All versions), Simcenter Femap V2021.1 (All versions). Affected application contains an out of bounds write past the end of an allocated structure while parsing specially crafted NEU files. This could allow an attacker to execute code in the context of the current process. (ZDI-CAN-15050)

CVE-2021-46159 has been assigned by [S](#) productcert@siemens.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [S](#) **Siemens - Simcenter Femap V2020.2** version **All versions**

Affected Vendor/Software: [S](#) **Siemens - Simcenter Femap V2021.1** version **All versions**

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **6.8 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link				
	cert-portal.siemens.com application/pdf	 MISC cert-portal.siemens.com/productcert/pdf/ssa-609880.pdf				
ZDI-22-314 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-22-314/				
By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.						
There are currently no QIDs associated with this CVE						
Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Application	Siemens	Simcenter Femap	2020.2	-	All	All
Application	Siemens	Simcenter Femap	2020.2	maintenance_pack1	All	All
Application	Siemens	Simcenter Femap	2020.2	maintenance_pack2	All	All
Application	Siemens	Simcenter Femap	2020.2	maintenance_pack3	All	All
Application	Siemens	Simcenter Femap	2021.1	-	All	All
Application	Siemens	Simcenter Femap	2021.1	maintenance_pack1	All	All
Application	Siemens	Simcenter Femap	2021.1	maintenance_pack2	All	All
Application	Siemens	Simcenter Femap	2021.1	maintenance_pack3	All	All
cpe:2.3:a:siemens:simcenter_femap:2020.2:-:~::~~::~~::~~::~~::~~::~~::						
cpe:2.3:a:siemens:simcenter_femap:2020.2:maintenance_pack1:~::~~::~~::~~::~~::~~::~~::						
cpe:2.3:a:siemens:simcenter_femap:2020.2:maintenance_pack2:~::~~::~~::~~::~~::~~::~~::						
cpe:2.3:a:siemens:simcenter_femap:2020.2:maintenance_pack3:~::~~::~~::~~::~~::~~::~~::						
cpe:2.3:a:siemens:simcenter_femap:2021.1:-:~::~~::~~::~~::~~::~~::~~::						
cpe:2.3:a:siemens:simcenter_femap:2021.1:maintenance_pack1:~::~~::~~::~~::~~::~~::~~::						
cpe:2.3:a:siemens:simcenter_femap:2021.1:maintenance_pack2:~::~~::~~::~~::~~::~~::~~::						
cpe:2.3:a:siemens:simcenter_femap:2021.1:maintenance_pack3:~::~~::~~::~~::~~::~~::~~::						
No vendor comments have been submitted for this CVE						
Social Mentions						
Source	Title					Posted (UTC)
 @CVEreport	CVE-2021-46159 : A vulnerability has been identified in Simcenter Femap V2020.2 All versions ,					2022-02-09

Simcenter Femap V20... twitter.com/i/web/status/1...		15:27:49
 /r/netcve	CVE-2021-46159	2022-02-09 16:39:32
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