



CVE-2021-46155

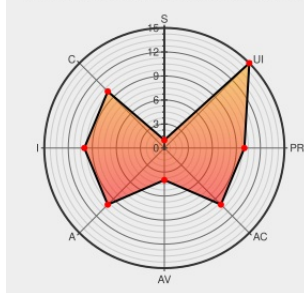
Published on: Not Yet Published

Last Modified on: 02/28/2022 03:35:00 PM UTC

CVE-2021-46155

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

CVSS:31/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H



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 a stack based buffer overflow vulnerability while parsing NEU files. This could allow an attacker to execute code in the context of the current process. (ZDI-CAN-14683, ZDI-CAN-15283, ZDI-CAN-15303, ZDI-CAN-15593)

CVE-2021-46155 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
ZDI-22-308 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-22-308/
ZDI-22-305 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-22-305/
	cert-portal.siemens.com application/pdf	 MISC cert-portal.siemens.com/productcert/pdf/ssa-609880.pdf
ZDI-22-307 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-22-307/
ZDI-22-306 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-22-306/

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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-2021-46155 : A vulnerability has been identified in Simcenter Femap V2020.2 All versions , Simcenter Femap V20... twitter.com/i/web/status/1...	2022-02-09 15:26:36
 /r/netcve	CVE-2021-46155	2022-02-09 16:39:27

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