



CVE-2020-28382

Published on: 01/12/2021 12:00:00 AM UTC

Last Modified on: 12/10/2021 09:46:00 PM UTC

CVE-2020-28382

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

Certain versions of [Solid Edge](#) from [Siemens](#) contain the following vulnerability:

A vulnerability has been identified in Solid Edge SE2020 (All Versions < SE2020MP12), Solid Edge SE2021 (All Versions < SE2021MP2). Affected applications lack proper validation of user-supplied data when parsing PAR files. This could result in a out of bounds write past the end of an allocated structure. An attacker could leverage this vulnerability to execute code in the context of the current process.

CVE-2020-28382 has been assigned by [S](#) productcert@siemens.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [S](#) Siemens - Solid Edge SE2020 version All Versions < SE2020MP12

Affected Vendor/Software: [S](#) Siemens - Solid Edge SE2021 version All Versions < SE2021MP2

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-21-075 Zero Day Initiative	Third Party Advisory VDB Entry www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-21-075/
ZDI-21-052 Zero Day Initiative	Third Party Advisory VDB Entry www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-21-052/
Siemens Solid Edge CISA	Third Party Advisory US Government Resource us-cert.cisa.gov text/html	 MISC us-cert.cisa.gov/ics/advisories/icsa-21-012-04
	Vendor Advisory cert-portal.siemens.com application/pdf	 MISC cert-portal.siemens.com/productcert/pdf/ssa-979834.pdf
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	Solid Edge	All	All	All	All
Application	Siemens	Solid Edge	se2020	-	All	All
Application	Siemens	Solid Edge	se2020	maintenance_pack1	All	All
Application	Siemens	Solid Edge	se2020	maintenance_pack10	All	All
Application	Siemens	Solid Edge	se2020	maintenance_pack11	All	All
Application	Siemens	Solid Edge	se2020	maintenance_pack2	All	All
Application	Siemens	Solid Edge	se2020	maintenance_pack3	All	All
Application	Siemens	Solid Edge	se2020	maintenance_pack4	All	All
Application	Siemens	Solid Edge	se2020	maintenance_pack5	All	All
Application	Siemens	Solid Edge	se2020	maintenance_pack6	All	All
Application	Siemens	Solid Edge	se2020	maintenance_pack7	All	All
Application	Siemens	Solid Edge	se2020	maintenance_pack8	All	All
Application	Siemens	Solid Edge	se2020	maintenance_pack9	All	All
Application	Siemens	Solid Edge	se2021	-	All	All
Application	Siemens	Solid Edge	se2021	maintenance_pack1	All	All
Application	Siemens	Solid Edge	se2021	mp1	All	All

No vendor comments have been submitted for this CVE		
Social Mentions		
Source	Title	Posted (UTC)
← Previous ID Next ID→		

[site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)