



CVE-2021-37180

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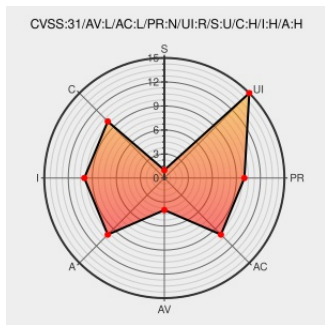
Last Modified on: 09/24/2021 09:15:00 AM UTC

CVE-2021-37180

Source: Mitre

Source: Nist

Print: PDF



Certain versions of [Solid Edge Se2021](#) from [Siemens](#) contain the following vulnerability:

A vulnerability has been identified in Solid Edge SE2021 (All Versions < SE2021MP7). The PSKERNEL.dll library lacks proper validation while parsing user-supplied OBJ files that could cause an out of bounds access to an uninitialized pointer. An attacker could leverage this vulnerability to execute code in the context of the current process.

(ZDI-CAN-13775)

CVE-2021-37180 has been assigned by [S](#) productcert@siemens.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [S](#) Siemens - Solid Edge SE2021 version All Versions < SE2021MP7

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
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ZDI-21-1113 | Zero Day Initiative

www.zerodayinitiative.com
text/html

 MISC www.zerodayinitiative.com/advisories/ZDI-21-1113/

cert-portal.siemens.com
application/pdf

 MISC cert-portal.siemens.com/productcert/pdf/ssa-818688.pdf

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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
Hardware	Siemens	Solid Edge Se2021	-	All	All	All
Operating System	Siemens	Solid Edge Se2021 Firmware	All	All	All	All

cpe:2.3:h:siemens:solid_edge_se2021::-:*:*:*:*:*:

cpe:2.3:o:siemens:solid_edge_se2021_firmware:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-37180 : A vulnerability has been identified in Solid Edge SE2021 All Versions < SE2021MP7 . The PSKERNEL.... twitter.com/i/web/status/1...	2021-08-10 10:47:10

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