



CVE-2021-37179

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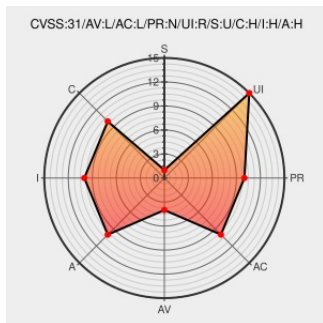
Last Modified on: 12/16/2021 06:20:00 PM UTC

CVE-2021-37179

Source: Mitre

Source: Nist

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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 in affected application lacks proper validation while parsing user-supplied OBJ files that could lead to a use-after-free condition. An attacker could leverage this vulnerability to execute code in the context of the current process. (ZDI-CAN-13777)

CVE-2021-37179 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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[cert-portal.siemens.com
application/pdf](https://cert-portal.siemens.com/application/pdf)

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

ZDI-21-1114 | Zero Day Initiative

[www.zerodayinitiative.com
text/html](https://www.zerodayinitiative.com/text/html)

 MISC www.zerodayinitiative.com/advisories/ZDI-21-1114/

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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-2021-37179 : A vulnerability has been identified in Solid Edge SE2021 All Versions < SE2021MP7 . The PSKERNEL.... twitter.com/i/web/status/1...	2021-08-10 10:46:50

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