CVE-2022-3159

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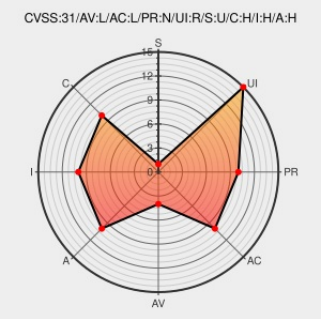
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Jt2go from Siemens contain the following vulnerability:

The APDFL.dll contains a stack-based buffer overflow vulnerability that could be triggered while parsing specially crafted PDF files. This could allow an attacker to execute code in the context of the current process.

CVE-2022-3159 has been assigned by ics-cert@hq.dhs.gov to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Siemens** - **JT2Go** version **= 0**

Affected Vendor/Software: **Siemens** - **Teamcenter Visualization V13.3** version **= 0**

Affected Vendor/Software: **Siemens** - **Teamcenter Visualization V14.0** version **= 0**

Affected Vendor/Software: **Siemens** - **Teamcenter Visualization V14.1** version **= 0**

Vulnerability Patch/Work Around

Siemens identified the following specific workaround and mitigation user can apply to reduce risk: * Do not open untrusted PDF files in JT2Go and Teamcenter Visualization. As a general security measure, Siemens recommends protecting network access to devices with appropriate mechanisms. To operate the devices in a protected IT environment, Siemens recommends configuring the environment according to Siemens' operational guidelines for industrial security https://www.siemens.com/cert/operational-guidelines-industrial-security and following the recommendations in the product manuals. Siemens also provides additional information on industrial security https://www.siemens.com/industrialsecurity . For further inquiries on security vulnerabilities in Siemens products, users should contact Siemens https://www.siemens.com/cert/advisories . For more information, see the associated Siemens security advisory SSA-360681 in HTML https://cert-portal.siemens.com/productcert/html/ssa-360681.html and CSAF https://cert-portal.siemens.com/productcert/csaf/ssa-360681.json .

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

CVE References

Description	Tags	Link
Siemens Teamcenter Visualization and JT2Go | CISA	www.cisa.gov text/html	MISC www.cisa.gov/uscert/ics/advisories/icsa-22-349-15
	cert-portal.siemens.com application/json	MISC cert-portal.siemens.com/productcert/csaf/ssa-360681.json
SSA-360681	cert-portal.siemens.com text/html	MISC cert-portal.siemens.com/productcert/html/ssa-360681.html

Related QID Numbers

591305 Siemens J2TGo Multiple Vulnerabilities (SSA-360681)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Siemens	Jt2go	All	All	All	All
Application	Siemens	Teamcenter Visualization	All	All	All	All

cpe:2.3:a:siemens:jt2go:*:*:*:*:*:*:*:*:

cpe:2.3:a:siemens:teamcenter_visualization:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-3159 : The APDFL.dll contains a stack-based buffer overflow vulnerability that could be triggered while pa… twitter.com/i/web/status/1…	2023-01-13 01:05:02
/r/netcve	CVE-2022-3159	2023-01-13 02:38:45

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CVE.report and Source URL Uptime Status status.cve.report