

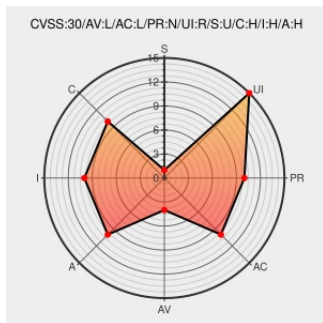


CVE-2019-13510

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CVE-2019-13510

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

Certain versions of [Arena Simulation Software](#) from [Rockwellautomation](#) contain the following vulnerability:

Rockwell Automation Arena Simulation Software versions 16.00.00 and earlier contain a USE AFTER FREE CWE-416. A maliciously crafted Arena file opened by an unsuspecting user may result in the application crashing or the execution of arbitrary code.

CVE-2019-13510 has been assigned by [ics-cert@hq.dhs.gov](#) to track the vulnerability - currently rated as **HIGH** severity.

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-20-927 Zero Day Initiative	www.zerodayinitiative.com text/html	Z MISC www.zerodayinitiative.com/advisories/ZDI-20-927/
ZDI-20-926 Zero Day Initiative	www.zerodayinitiative.com text/html	Z MISC www.zerodayinitiative.com/advisories/ZDI-20-926/

ZDI-19-1000 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-19-1000/
ZDI-19-998 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-19-998/
ZDI-19-999 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-19-999/
ZDI-19-994 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-19-994/
ZDI-19-800 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-19-800/
ZDI-19-801 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-19-801/
Rockwell Automation Arena Simulation Software (Update B) CISA	Mitigation Third Party Advisory US Government Resource www.us-cert.gov text/html	 MISC www.us-cert.gov/ics/advisories/icsa-19-213-05
ZDI-20-929 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-20-929/
ZDI-20-928 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-20-928/
ZDI-20-931 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-20-931/
ZDI-20-930 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-20-930/

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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	Rockwellautomation	Arena Simulation Software	All	All	All	All
cpe:2.3:a:rockwellautomation:arena_simulation_software:*****:						

No vendor comments have been submitted for this CVE

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