



CVE-2018-10490

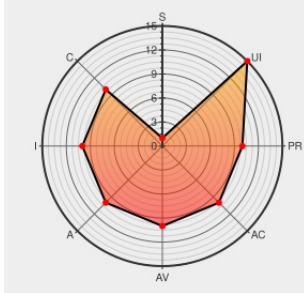
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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:30/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H



Certain versions of [Foxit Reader](#) from [Foxitsoftware](#) contain the following vulnerability:

This vulnerability allows remote attackers to execute arbitrary code on vulnerable installations of Foxit Reader 9.0.0.29935. User interaction is required to exploit this vulnerability in that the target must visit a malicious page or open a malicious file. The specific flaw exists within the parsing of JPEG images embedded inside U3D files. The issue

results from the lack of proper validation of user-supplied data, which can result in a memory access past the end of an allocated data structure. An attacker can leverage this vulnerability to execute code under the context of the current process. Was ZDI-CAN-5422.

CVE-2018-10490 has been assigned by zdi-disclosures@trendmicro.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Foxit - Foxit Reader** version **9.0.0.29935**

CVSS3 Score: **8.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	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
Security Bulletins Foxit Software	Patch Vendor Advisory www.foxitsoftware.com text/html	 CONFIRM www.foxitsoftware.com/support/security-bulletins.php
ZDI-18-400 Zero Day Initiative	Third Party Advisory VDB Entry zerodayinitiative.com text/html	 MISC zerodayinitiative.com/advisories/ZDI-18-400

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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	Foxitsoftware	Foxit Reader	All	All	All	All
Application	Foxitsoftware	Phantompdf	All	All	All	All

cpe:2.3:a:foxitsoftware:foxit_reader:*****:

cpe:2.3:a:foxitsoftware:phantompdf:*****:

No vendor comments have been submitted for this CVE

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