

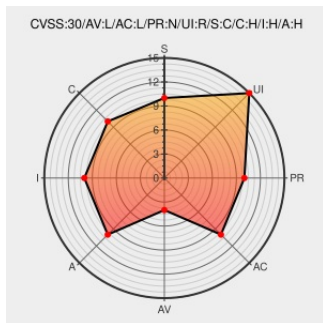


# CVE-2016-8728

Published on: 04/24/2018 12:00:00 AM UTC

Last Modified on: 12/13/2022 05:36:00 PM UTC

## CVE-2016-8728

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

Certain versions of [Mupdf](#) from [Artifex](#) contain the following vulnerability:

An exploitable heap out of bounds write vulnerability exists in the Fitz graphical library part of the MuPDF renderer. A specially crafted PDF file can cause a out of bounds write resulting in heap metadata and sensitive process memory corruption leading to potential code execution. Victim needs to open the specially crafted file in a vulnerable reader in order to trigger this vulnerability.

CVE-2016-8728 has been assigned by [cisco](#) talos-cna@cisco.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [cisco](#) **Artifex Software Inc. - MuPDF version 1.10-rc1**

CVSS3 Score: **7.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>LOCAL</b>     | <b>LOW</b>             | <b>NONE</b>         | <b>REQUIRED</b>     |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **6.8 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description | Tags | Link |
|-------------|------|------|
|-------------|------|------|

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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 | <a href="#">Artifex</a> | <a href="#">Mupdf</a> | 1.10    | rc1    | All     | All      |
| Application | <a href="#">Artifex</a> | <a href="#">Mupdf</a> | 1.10    | rc1    | All     | All      |

cpe:2.3:a:artifex:mupdf:1.10:rc1:\*:\*:\*:\*::

cpe:2.3:a:artifex:mupdf:1.10:rc1:\*:\*:\*:\*::

No vendor comments have been submitted for this CVE

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