CVE-2015-8397

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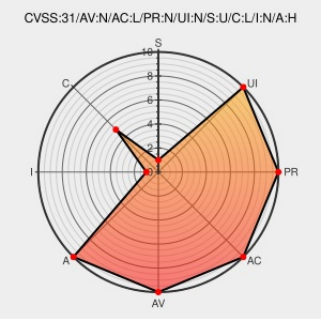
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Grassroots Dicom from Grassroots Dicom Project contain the following vulnerability:

The JPEGLSCodec::DecodeExtent function in MediaStorageAndFileFormat/gdcmJPEGLSCodec.cxx in Grassroots DICOM (aka GDCM) before 2.6.2 allows remote attackers to obtain sensitive information from process memory or cause a denial of service (application crash) via an embedded JPEG-LS image with dimensions larger than the selected region in a (1) two-dimensional or (2) three-dimensional DICOM image file, which triggers an out-of-bounds read.

CVE-2015-8397 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 8.2 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	LOW	NONE	HIGH

CVSS2 Score: 6.4 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	NONE	PARTIAL

CVE References

Description	Tags	Link
Grassroots DICOM / Re:	Exploit	MLIST [gdcm-developers] 20151221 Re: [Gdcm2] GDCM ~2.6.1 two

Grassroots DICOM / Re: [Gdcm2] GDCM <2.6.1 two vulnerabilites	Exploit Third Party Advisory sourceforge.net text/html	MLIST [gdcm-developers] 20151221 Re: [Gdcm2] GDCM <2.6.1 two vulnerabilites
Grassroots DICOM / Gdcm / Commit [e547b1]	Patch Third Party Advisory sourceforge.net text/html	CONFIRM sourceforge.net/p/gdcm/gdcm/ci/e547b1ded3fd21e0b0ad149f13045aa12d4b9b7
Full Disclosure: CVE-2015-8397: GDCM out-of-bounds read in JPEGLSCodec::DecodeExtent	Mailing List Third Party Advisory seclists.org text/html	FULLDISC 20160111 CVE-2015-8397: GDCM out-of-bounds read in JPEGLSCodec::DecodeExtent
GDCM 2.6.0 / 2.6.1 Out-Of-Bounds Read ≈ Packet Storm	Third Party Advisory VDB Entry packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/135206/GDCM-2.6.0-2.6.1-Out-Of-Bounds-Read.html
CENSUS | GDCM out of bounds read in JPEGLSCodec :: DecodeExtent	Exploit Third Party Advisory census-labs.com text/html	MISC census-labs.com/news/2016/01/11/gdcm-out-bounds-read-jpeglscodec-decodeextent/
SecurityFocus	Third Party Advisory VDB Entry web.archive.org text/html Inactive Link Not Archived	BUGTRAQ 20160111 CVE-2015-8397: GDCM out-of-bounds read in JPEGLSCodec::DecodeExtent
Grassroots DICOM / [Gdcm2] GDCM <2.6.1 two vulnerabilites	Exploit Third Party Advisory sourceforge.net text/html	MLIST [gdcm-developers] 20151204 [Gdcm2] GDCM <2.6.1 two vulnerabilite

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Grassroots Dicom Project	Grassroots Dicom	All	All	All	All
Application	Grassroots Dicom Project	Grassroots Dicom	All	All	All	All

cpe:2.3:a:grassroots_dicom_project:grassroots_dicom:*:*:*:*:*:*:*:*:

cpe:2.3:a:grassroots_dicom_project:grassroots_dicom:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→

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