

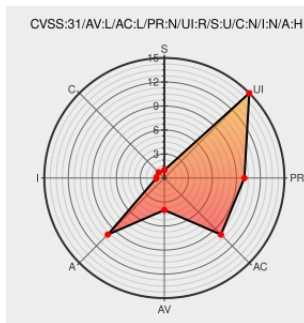


CVE-2017-8906

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CVE-2017-8906

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

Certain versions of [X265 High Efficiency Video Coding](#) from [Multicorewareinc](#) contain the following vulnerability:

An integer underflow vulnerability exists in pixel-a.asm, the x86 assembly code for planeClipAndMax() in MulticoreWare x265 through 2.4, as used by the x265_encoder_encode dependency in libbpg and other products. A small picture can cause an integer underflow, which leads to a Denial of Service in the process of encoding.

CVE-2017-8906 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
404 — Bitbucket	Exploit Issue Tracking Patch	MISC bitbucket.org/multicoreware/x265/issues/345/integer-underflow-in-x265-source-common

Third Party Advisory

bitbucket.org

text/html

Inactive Link Not Archived

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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	Multicorewareinc	X265 High Efficiency Video Coding	All	All	All	All
cpe:2.3:a:multicorewareinc:x265_high_efficiency_video_coding:*****:						

No vendor comments have been submitted for this CVE

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