

CVE-2009-3459

Adobe Acrobat and Reader Heap-Based Buffer Overflow Vulnerability

CISA KEV since May 20, 2026

Actively exploited

Public exploit module (Metasploit)

Heap-based buffer overflow in Adobe Reader and Acrobat 7.x before 7.1.4, 8.x before 8.1.7, and 9.x before 9.2 allows remote attackers to execute arbitrary code via a crafted PDF file that triggers memory corruption, as exploited in the wild in October 2009. NOTE: some of these details are obtained from third party information.

EVRS 85/100 Immediate priority	CVSS V3.1 8.8 High · NVD	EPSS 0.866 99.74th percentile · FIRST	CISA DEADLINE Jun 3, 2026 CISA federal deadline · Overdue by 5 months
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Signals behind the score

☒ counted in the score ☐ not counted

evidence for 6 of 8 signals

☒ CISA KEV	Listed in the catalog	☐ Vendor exploitation	Confirmed exploitation in the wild
☐ Ransomware	No known ransomware campaign association	☐ KEV recency	Added to CISA KEV within the last year
☒ EPSS	0.866 probability	☐ Pre-patch disclosure	Disclosure status unavailable
☒ CVSS	Base score 8.8	☐ Microsoft Exploitability Index	Not a Microsoft CVE

Remediation

Patch Immediately No patch reported by the connected remediation source

CISA required action: Apply mitigations per vendor instructions, follow applicable BOD 22-01 guidance for cloud services, or discontinue use of the product if mitigations are unavailable.

Basis: CISA KEV required action

Affected and fixed versions

PACKAGE	AFFECTED	FIXED IN	SOURCE
acrobat	≥ 7.0 < 7.1.4 ≥ 8.0 < 8.1.7 ≥ 9.0 < 9.2	7.1.4 · 8.1.7 · 9.2	NVD
acrobat reader	≥ 7.0 < 7.1.4 ≥ 8.0 < 8.1.7 ≥ 9.0 < 9.2	7.1.4 · 8.1.7 · 9.2	NVD

Sources

cisa.gov	cisa.gov/news-events/alerts/2009/10/13/adobe-reader-and-acrobat-vulnerabilities	web.archive.org	web.archive.org/web/20120324170253/http://www.adobe.com/support/security/bulletins/apsb09-15.html#:~:text=CVE%2D2009%2D3459).-,NOTE%3A,-There%20are%20reports
NVD	nvd.nist.gov/vuln/detail/CVE-2009-3459	CISA KEV	cisa.gov/known-exploited-vulnerabilities-catalog
ENISA EUVD	euvd.enisa.europa.eu/vulnerability/EUVD-2009-3441	Current data	evulnable.com/vulnerability-management/cve/CVE-2009-3459

Snapshot at generation time. EPSS can move quickly. A public exploit module is not evidence of active exploitation.