



CVE-2007-5137

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2007-5137
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2007-09-28 21:17:00 UTC
Updated	2026-04-23 00:35:47 UTC
Description	Buffer overflow in the ReadImage function in generic/tkImGIF.c in Tcl (Tcl/Tk) 8.4.13 through 8.4.15 allows remote attackers to execute arbitrary code via a crafted GIF image.

Risk And Classification

Primary CVSS: v2.0 6.8 from nvd@nist.gov

AV:N/AC:M/Au:N/C:P/I:P/A:P

Problem Types: CWE-119 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:M/Au:N/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Tcl Tk	Tcl Tk	8.4.13	All	All	All

Application	Tcl Tk	Tcl Tk	8.4.14	All	All	All
Application	Tcl Tk	Tcl Tk	8.4.15	All	All	All
Vendor Declared Affected Products						
Source	Vendor	Product	Version	Platforms		
CNA	Na	N/a	affected n/a	Not specified		
References						
Reference				Source		
[SECURITY] Fedora 7 Update: tk-8.4.13-6.fc7				af854a3a-2127-422b-91ae-3		
Security Announcement				af854a3a-2127-422b-91ae-3		
Support / Security / Advisories / / MDKSA-2007:200 Mandriva				af854a3a-2127-422b-91ae-3		
Gentoo update for tk - Advisories - Secunia				af854a3a-2127-422b-91ae-3		
Ubuntu update for tk - Advisories - Secunia				af854a3a-2127-422b-91ae-3		
Tk GIF Processing Buffer Overflow Vulnerabilities - Advisories - Secunia				af854a3a-2127-422b-91ae-3		
Repository / Oval Repository				af854a3a-2127-422b-91ae-3		
Mandriva update for tk - Advisories - Secunia				af854a3a-2127-422b-91ae-3		
Fedora update for tk - Advisories - Secunia				af854a3a-2127-422b-91ae-3		
Debian -- Security Information -- DSA-1743-1 libtk-img				af854a3a-2127-422b-91ae-3		
Gentoo Bug 192539 - dev-lang/tk < 8.4.15-r1 GIF ReadImage() Buffer overflow vulnerability (CVE-2007-5137)				af854a3a-2127-422b-91ae-3		
SourceForge.net: Files				af854a3a-2127-422b-91ae-3		
Support				af854a3a-2127-422b-91ae-3		
SUSE Update for Multiple Packages - Advisories - Secunia				af854a3a-2127-422b-91ae-3		
Gentoo Linux Documentation -- Tk: Buffer overflow				af854a3a-2127-422b-91ae-3		
Debian update for libtk-img - Secunia Advisories - Vulnerability Information - Secunia.com				af854a3a-2127-422b-91ae-3		
USN-529-1: Tk vulnerability Ubuntu				af854a3a-2127-422b-91ae-3		
Tcl/Tk ReadImage Buffer Overflow Vulnerability				af854a3a-2127-422b-91ae-3		
Red Hat update for tk - Advisories - Secunia				af854a3a-2127-422b-91ae-3		
[VIM] clarification on multiple Tk overflow issues				af854a3a-2127-422b-91ae-3		
CVE Program record				CVE.ORG		
NVD vulnerability detail				NVD		
Vendor Comments And Credit						
Organization	Published	Contributor	Statement			
Red Hat	2007-10-09	Mark J Cox	Red Hat is aware of this issue and is tracking it via the following bug: https://bugzilla.redhat.com/			

There are currently no legacy QID mappings associated with this CVE.

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