



Multi Emulator Super System 0.154-3.1 Buffer Overflow

[MITRE](#)

[NVD](#)

[CVE.ORG](#)

[JSON API](#)

[Print: PDF](#)

Summary

CVE	CVE-2016-20039
State	PUBLISHED
Assigner	VulnCheck
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-28 12:15:59 UTC
Updated	2026-03-30 13:26:07 UTC
Description	Multi Emulator Super System 0.154-3.1 contains a buffer overflow vulnerability in the gamma parameter handling that allow

Risk And Classification

Primary CVSS: v4.0 8.6 HIGH from disclosure@vulncheck.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

EPSS: 0.000170000 probability, percentile 0.041970000 (date 2026-04-06)

Problem Types: CWE-787 | CWE-787 Out-of-bounds Write

Version	Source	Type	Score	Severity	Vector
4.0	disclosure@vulncheck.com	Secondary	8.6	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA
4.0	CNA	CVSS	8.6	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA
3.1	disclosure@vulncheck.com	Primary	8.4	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	8.4	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v4.0 Breakdown

Attack Vector	Local
Attack Complexity	Low
Attack Requirements	None
Privileges Required	None
User Interaction	

None

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Vendor Declared Affected Products				
Source	Vendor	Product	Version	Platforms
CNA	Mamedev	Mess Emulator	affected 0.154-3.1	Not specified

References			
Reference	Source	Link	Tags
mamedev.org	disclosure@vulncheck.com	mamedev.org	

mamegeev.org	disclosure@vulncheck.com	mamegeev.org	
www.vulncheck.com/advisories/multi-emulator-super-system-buffer-overflow	disclosure@vulncheck.com	www.vulncheck.com	
www.exploit-db.com/exploits/39673	disclosure@vulncheck.com	www.exploit-db.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical

Vendor Comments And Credit

Discovery Credit
CNA: Juan Sacco - <http://www.exploitpack.com> - (en)

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