



CVE-2018-20404

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

Certain versions of [Epia-e900](#) from [Viatech](#) contain the following vulnerability:

ETK_E900.sys, a SmartETK driver for VIA Technologies EPIA-E900 system board, is vulnerable to denial of service attack via IOCTL 0x9C402048, which calls memmove and constantly fails on an arbitrary (uncontrollable) address, resulting in an eternal hang or a BSOD.

CVE-2018-20404 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **7.8 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
DownWithUp's Github Website	Exploit Third Party Advisory downwithup.github.io text/html	MISC downwithup.github.io/CVEPosts.html

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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
Hardware 	Viatech	Epia-e900	-	All	All	All
Hardware 	Viatech	Epia-e900	-	All	All	All
Operating System	Viatech	Epia-e900 Firmware	-	All	All	All
Operating System	Viatech	Epia-e900 Firmware	-	All	All	All
cpe:2.3:h:viatech:epia-e900:-:~::~~::~~::~~::~~::~~::~~::						
cpe:2.3:h:viatech:epia-e900:-:~::~~::~~::~~::~~::~~::~~::						
cpe:2.3:o:viatech:epia-e900_firmware:-:~::~~::~~::~~::~~::~~::~~::						
cpe:2.3:o:viatech:epia-e900_firmware:-:~::~~::~~::~~::~~::~~::~~::						

No vendor comments have been submitted for this CVE

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