

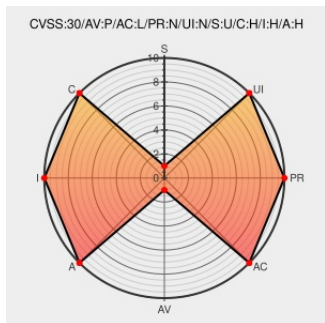


CVE-2017-16242

Published on: 03/22/2018 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:26:39 PM UTC

CVE-2017-16242

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

Certain versions of [Usb Memory Stick With Fingerprint](#) from [Meco](#) contain the following vulnerability:

An issue was discovered on MECO USB Memory Stick with Fingerprint MECOziolsamDE601 devices. The fingerprint authentication requirement for data access can be bypassed. An attacker with physical access can send a static packet to a serial port exposed on the PCB to unlock the key and get access to the data without possessing the required fingerprint.

CVE-2017-16242 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.8 - MEDIUM**

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

CVSS2 Score: **7.2 - HIGH**

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

CVE References

Description	Tags	Link
	www.blackhat.com application/pdf	MISC www.blackhat.com/docs/us-17/thursday/us-17-Picod-Attacking-Encrypted-USB-Keys-The-Hard(ware)-Way.pdf

Black Hat USA 2017 | Briefings Schedule

Third Party Advisory
www.blackhat.com
text/html

MISC www.blackhat.com/us-17/briefings/schedule/index.html#attacking-encrypted-usb-keys-the-hardware-way-7443

Attacking encrypted USB keys the hard(ware) way - Black Hat USA 2017

Third Party Advisory
www.elie.net
text/html

MISC www.elie.net/talk/attacking-encrypted-usb-keys-the-hardware-way

CVE-2017-16242 · GitHub

Third Party Advisory
gist.github.com
text/html

MISC gist.github.com/audebert/ef6e206a27ededd1386cff48604e9335

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Meco	Usb Memory Stick With Fingerprint	-	All	All	All
Hardware	Meco	Usb Memory Stick With Fingerprint	-	All	All	All
Operating System	Meco	Usb Memory Stick With Fingerprint Firmware	-	All	All	All
Operating System	Meco	Usb Memory Stick With Fingerprint Firmware	-	All	All	All

cpe:2.3:h:meco:usb_memory_stick_with_fingerprint:-:*:*:*:*:*:

cpe:2.3:h:meco:usb_memory_stick_with_fingerprint:-:*:*:*:*:*:

cpe:2.3:o:meco:usb_memory_stick_with_fingerprint_firmware:-:*:*:*:*:*:

cpe:2.3:o:meco:usb_memory_stick_with_fingerprint_firmware:-:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID →