



CVE-2017-17436

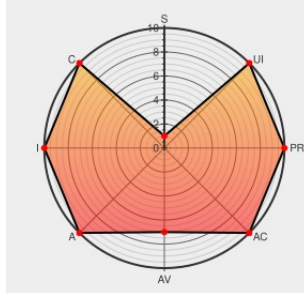
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CVE-2017-17436

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

CVSS:30/AV:A/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H



Certain versions of [Vt20i](#) from [Vaulteksafe](#) contain the following vulnerability:

An issue was discovered in the software on Vaultek Gun Safe VT20i products. There is no encryption of the session between the Android application and the safe. The website and marketing materials advertise that this communication channel is encrypted with "Highest Level Bluetooth Encryption" and "Data transmissions are secure via

AES256 bit encryption." These claims, however, are not true. Moreover, AES256 bit encryption is not supported in the Bluetooth Low Energy (BLE) standard, so it would have to be at the application level. This lack of encryption allows an individual to learn the passcode by eavesdropping on the communications between the application and the safe.

CVE-2017-17436 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **3.3 - LOW**

Access Vector	Access Complexity	Authentication
ADJACENT_NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
BlueSteal: Popping GATT Safes - Two Six Labs Advanced Analytics, Cyber Capabilities, Tactical Mobility Solutions for National Security	Third Party Advisory www.twosixlabs.com text/html	 MISC www.twosixlabs.com/bluesteal-popping-gatt-safes/
404: Not Found	Mitigation Vendor Advisory vaulteksafe.com text/html Inactive Link Not Archived	 CONFIRM vaulteksafe.com/index.php/cve-2017-17435/

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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 	Vaulteksafe	Vt20i	-	All	All	All
Hardware 	Vaulteksafe	Vt20i	-	All	All	All
Operating System	Vaulteksafe	Vt20i Firmware	-	All	All	All
Operating System	Vaulteksafe	Vt20i Firmware	-	All	All	All
cpe:2.3:h:vaulteksafe:vt20i:-:*:*:*:*:*:						
cpe:2.3:h:vaulteksafe:vt20i:-:*:*:*:*:*:						
cpe:2.3:o:vaulteksafe:vt20i_firmware:-:*:*:*:*:*:						
cpe:2.3:o:vaulteksafe:vt20i_firmware:-:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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