



CVE-2017-8867

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[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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



Certain versions of [Stemosaur](#) from [Cognitoys](#) contain the following vulnerability:

Elemental Path's CogniToys Dino smart toys through firmware version 0.0.794 use AES-128 with ECB mode to encrypt voice traffic between the device and remote server, allowing a malicious user to map encrypted traffic to a particular AES key index and gaining further access to eavesdrop on privacy-sensitive voice communication of a child and their Dino device.

CVE-2017-8867 has been assigned by [M](#) [cve@mitre.org](#) to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.9 - MEDIUM**

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

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
Security & Privacy in Smart Toys Proceedings of the 2017 Workshop on Internet of Things Security and Privacy	Issue Tracking Third Party Advisory	MISC dl.acm.org/citation.cfm?

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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 	Cognitoys	Stemosaur	-	All	All	All
Hardware 	Cognitoys	Stemosaur	-	All	All	All
Operating System	Cognitoys	Stemosaur Firmware	All	All	All	All
cpe:2.3:h:cognitoys:stemosaur:-:*:*:*:*:*:						
cpe:2.3:h:cognitoys:stemosaur:-:*:*:*:*:*:						
cpe:2.3:o:cognitoys:stemosaur_firmware:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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