

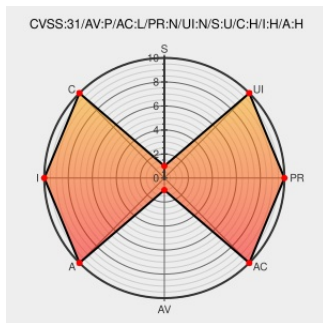


CVE-2022-30111

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CVE-2022-30111

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

Certain versions of [Mck Smartlock](#) from [Mck Smartlock Project](#) contain the following vulnerability:

Due to the use of an insecure algorithm for rolling codes in MCK Smartlock 1.0, allows attackers to unlock the mechanism via replay attacks.

CVE-2022-30111 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: **4.6 - MEDIUM**

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

CVE References

Description	Tags	Link
Tiger-Team-1337: MCK-Lock predictable rolling codes design flaw (CVE-2022-30111)	tiger-team-1337.blogspot.com text/html	MISC tiger-team-1337.blogspot.com/2022/05/rf-remote-mck-lock-predictable-rolling.html
Please update your browser	www.youtube.com text/html	MISC www.youtube.com/watch?v=EruaGuE-cwI

Kevin2600 on Twitter: "This is what happened when someone doesn't follow the Kerckhoffs Principle. Never attempt to design an untested Rolling code algorithm????... <https://t.co/rSoYWFodd0>"

[nitter.domain.glass](#)
[text/html](#)

 MISC
twitter.com/Kevin2600/status/1495007534419038213

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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
Application	Mck Smartlock Project	Mck Smartlock	1.0	All	All	All
cpe:2.3:a:mck_smartlock_project:mck_smartlock:1.0:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-30111 : Due to the use of an insecure algorithm for rolling codes in MCK Smartlock 1.0, allows attackers t... twitter.com/i/web/status/1...	2022-05-18 18:10:34
 @Kevin2600	twitter.com/Kevin2600/stat...	2022-05-19 04:36:15
 @vuldb	[Video] Updated VDB-200353 shows a video explaining CVE-2022-30111 youtube.com/watch?v=EruaGu...	2022-05-19 07:08:09
 /r/netcve	CVE-2022-30111	2022-05-18 18:38:48

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