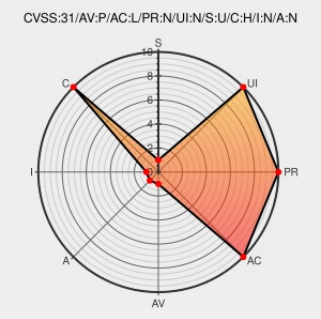
CVE-2021-32033

Published on: 06/16/2021 12:00:00 AM UTC

Last Modified on: 07/12/2022 05:42:00 PM UTC

CVE-2021-32033

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Slim Nfc 70 from Protectimus contain the following vulnerability:

Protectimus SLIM NFC 70 10.01 devices allow a Time Traveler attack in which attackers can predict TOTP passwords in certain situations. The time value used by the device can be set independently from the used seed value for generating time-based one-time passwords, without authentication. Thus, an attacker with short-time physical access to a device can set the internal real-time clock (RTC) to the future, generate one-time passwords, and reset the clock to the current time. This allows the generation of valid future time-based one-time passwords without having further access to the hardware token.

CVE-2021-32033 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 4.6 - MEDIUM

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

CVSS2 Score: 1.9 - LOW

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link

	www.syss.de text/plain	MISC www.syss.de/fileadmin/dokumente/Publikationen/Advisories/SYSS-2021-007.txt
Protectimus SLIM NFC Time Manipulation ≈ Packet Storm	packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/163223/Protectimus-SLIM-NFC-Time-Manipulation.html
Full Disclosure: [SYSS-2021-007]: Protectimus SLIM NFC - External Control of System or Configuration Setting (CWE-15) (CVE-2021-32033)	seclists.org text/html	FULLDISC 20210618 [SYSS-2021-007]: Protectimus SLIM NFC - External Control of System or Configuration Setting (CWE-15) (CVE-2021-32033)

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Protectimus	Slim Nfc 70	-	All	All	All
Operating System	Protectimus	Slim Nfc 70 Firmware	10.01	All	All	All

cpe:2.3:h:protectimus:slim_nfc_70:-:*:*:*:*:*:*:*:

cpe:2.3:o:protectimus:slim_nfc_70_firmware:10.01:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@matthiasdeeg	You can find the corresponding security advisory SYSS-2021-007 (CVE-2021-32033) describing this security vulnerabil… twitter.com/i/web/status/1…	2021-06-16 07:23:53
@CVEreport	CVE-2021-32033 : Protectimus SLIM NFC 70 10.01 devices allow a Time Traveler attack in which attackers can predict… twitter.com/i/web/status/1…	2021-06-16 12:08:50
/r/netcve	CVE-2021-32033	2021-06-16 12:41:24

← Previous ID

Next ID→

CVE.report and Source URL Uptime Status status.cve.report