

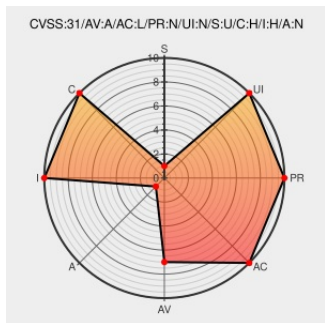


CVE-2020-11539

Published on: 04/22/2020 12:00:00 AM UTC

Last Modified on: 07/21/2021 11:39:00 AM UTC

CVE-2020-11539

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

Certain versions of [Sf Rush Smart Band](#) from [Titan](#) contain the following vulnerability:

An issue was discovered on Tata Sonata Smart SF Rush 1.12 devices. It has been identified that the smart band has no pairing (mode 0 Bluetooth LE security level) The data being transmitted over the air is not encrypted. Adding to this, the data being sent to the smart band doesn't have any authentication or signature verification. Thus, any attacker can control a parameter of the device.

CVE-2020-11539 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.1 - HIGH**

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

CVSS2 Score: **4.8 - MEDIUM**

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

CVE References

Description	Tags	Link
GitHub - the-girl-who-lived/CVE-2020-11539: Improper Access Control in Tata Sonata Smartband	Exploit Third Party Advisory	MISC github.com/the-girl-who-lived/CVE-2020-11539/

text/html

Exploit

medium.com

text/html

 [MISC medium.com/@sayliambure/hacking-a-5-smartband-824763ab6e8f](https://medium.com/@sayliambure/hacking-a-5-smartband-824763ab6e8f)

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

Exploit/POC from Github

Improper Access Control in Tata Sonata Smartband

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware 	Titan	Sf Rush Smart Band	-	All	All	All
Hardware 	Titan	Sf Rush Smart Band	-	All	All	All
Operating System	Titan	Sf Rush Smart Band Firmware	1.12	All	All	All
Operating System	Titan	Sf Rush Smart Band Firmware	1.12	All	All	All
<pre>cpe:2.3:h:titan:sf_rush_smart_band:-:*:*:*:*:*:</pre>						
<pre>cpe:2.3:h:titan:sf_rush_smart_band:-:*:*:*:*:*:</pre>						
<pre>cpe:2.3:o:titan:sf_rush_smart_band_firmware:1.12:*:*:*:*:*:</pre>						
<pre>cpe:2.3:o:titan:sf_rush_smart_band_firmware:1.12:*:*:*:*:*:</pre>						

No vendor comments have been submitted for this CVE

[← Previous ID](#)

Next ID→

© CVE.report 2023 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

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

