



CVE-2018-18978

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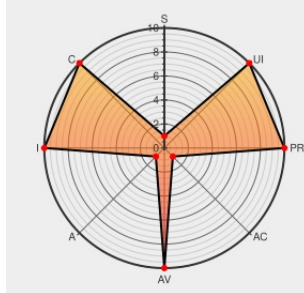
[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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



Certain versions of [Contour Diabetes](#) from [Ascensia](#) contain the following vulnerability:

An issue was discovered in the Ascensia Contour NEXT ONE application for Android before 2019-01-15. It has a statically coded encryption key. Extraction of the encryption key is necessary for deciphering communications between this application and the backend server. This, in combination with retrieving any user's encrypted data from the Ascensia cloud through another vulnerability, allows an attacker to obtain and modify any patient's medical information.

CVE-2018-18978 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.4 - HIGH**

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

CVSS2 Score: **5.8 - MEDIUM**

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

CVE References

Description	Tags	Link
Medical Exploitation: You Are Now	CVE-2018-18978	MISC: dantehsecurity.com/blog/medical-exploitation-you-are-now

Medical Exploitation: You Are Now Diabetic

Exploit

Third Party Advisory

depthsecurity.com

text/html

 MITRE

depthsecurity.com/blog/medical-exploitation-you-are-now-diabetic

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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	Ascensia	Contour Diabetes	All	All	All	All
Application	Ascensia	Contour Diabetes	All	All	All	All

cpe:2.3:a:ascensia:contour_diabetes:*:*:*:*:android:*:*:

cpe:2.3:a:ascensia:contour_diabetes:*:*:*:*:android:*:*:

No vendor comments have been submitted for this CVE

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