CVE-2022-3027

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CVE-2022-3027 - advisory for ICSMA-22-244-01

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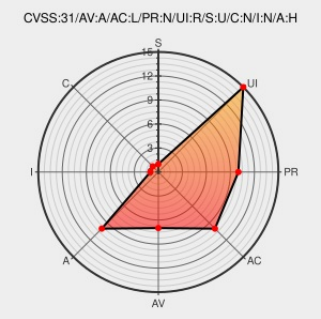

Certain versions of Cms8000 from Contechealth contain the following vulnerability:

The CMS8000 device does not properly control or sanitize the SSID name of a new Wi-Fi access point. A threat actor could create an SSID with a malicious name, including non-standard characters that, when the device attempts connecting to the malicious SSID, the device can be exploited to write arbitrary files or display incorrect information.

CVE-2022-3027 has been assigned by ics-cert@hq.dhs.gov to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **Contec Health** - **CMS8000 CONTEC ICU CCU Vital Signs Patient Monitor** version **= All**

Vulnerability Patch/Work Around

Contec Health has not responded to requests to work with CISA to mitigate these vulnerabilities. Users of these affected products are invited to contact Contec Health for additional information. The following mitigations could assist in reducing the risk for exploitation of vulnerabilities: Disabling UART functionality at the CPU level Enforcing unique device authentication before granting access to the terminal / bootloader Where possible, enforcing secure boot. Tamper stickers on the device casing to indicate when a device has been opened

CVSS3 Score: 5.7 - MEDIUM

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

CVE References

Description	Tags	Link
Contec Health CMS8000 | CISA	www.cisa.gov text/html	MISC www.cisa.gov/uscert/ics/advisories/icsma-22-244-01

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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	Contechealth	Cms8000	-	All	All	All
Operating System	Contechealth	Cms8000 Firmware	-	All	All	All

cpe:2.3:h:contechealth:cms8000:-:*:*:*:*:*:*:*:

cpe:2.3:o:contechealth:cms8000_firmware:-:*:*:*:*:*:*:*:

Discovery Credit

Level Nine reported these vulnerabilities to CISA.

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-3027 : The CMS8000 device does not properly control or sanitize the SSID name of a new Wi-Fi access point.… twitter.com/i/web/status/1…	2022-09-13 15:05:14

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