



Bulletin No.: SQNSEC-2026-002	DATE OF ISSUE: 2026-08-21
SUBJECT: Jansson JSON Library Out-of-Bounds Read (CVE-2020-36325)	
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Contact: SEQUANS Communications Sales/FAE for further details	

1. Affected Products

Product series	Product name	Ordering code	Firmware version	Remarks
GC02S1	All variants	All	LR9.0.5.1 LR9.0.6.1 LR9.0.7.1	Under analysis
GM02S	All variants	All	LR8.2.2.1 and earlier	Under analysis
SKY66431	All variants	All	LR8.2.2.1 and earlier	Under analysis

1. Type

- ☐ Module / Hardware
- ☒ Firmware
- ☐ SDK / API
- ☐ Cloud / Service
- ☐ Tool / Application
- ☐ Other

2. Issue description

Jansson (version 2.10.0), used by the JWT parsing/verification library integrated in Calliope2/Monarch2 firmware, contains an out-of-bounds read vulnerability that can be triggered by incorrect JSON object reference-count handling in the calling code.

CVE references:

- CVE-2020-36325

Impact statement:

The issue may allow denial of service (process crash) or limited information disclosure, under the following conditions: the calling code must mismanage Jansson's reference-counting contract while processing untrusted JSON/JWT data; an internal code review of the affected integration is in progress to confirm exposure.

At this stage, Sequans Communications has not identified evidence of exploitation in real-world deployments.



3. Recommendations

Sequans recommends customers to:

- Upgrade the modules' firmware (with Jansson to version 2.14 or later) as a precautionary measure.
- Apply the workaround described below, if firmware upgrade is not immediately possible.
- Contact their Sequans representative for support.

Available fix:

- Product: Calliope2 / Monarch2
- Firmware version: TBD — will integrate Jansson >= 2.14
- Availability date: TBD
- Delivery channel: Customer portal / direct support

Workaround:

- No workaround is currently available.

4. General security recommendations

Customers are advised to:

- Use secure communication protocols such as TLS where applicable.
- Keep device firmware up to date.
- Review product exposure and disable unused interfaces/services.
- Follow Sequans security guidance and customer release notes.

5. Reference documents

[1] NVD CVE-2020-36325 (nvd.nist.gov/vuln/detail/CVE-2020-36325)

[2] Sequans Customer Release Note (to be issued with fix)

[3] GitHub Advisory GHSA-c9w8-6f9c-wjgv (Jansson)

For any question, please contact your Sequans sales or support representative.

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