Add Security and Observability to Your Zephyr-operated Device, in a Few Clicks

Sternum, the embedded security and observability platform, is now available for Zephyr users.

Quick and easy integration | Minimum Code Changes Required | Near-zero runtime overhead

Build better and more secure Zephyr-operated devices

Embedded Security
Meet the highest standards of device security with protection against exploit attempts, zero-day assaults, and software supply chain threats with Sternum’s security capabilities:
- Agentless Runtime Protection
- AI-powered Threat Detection

Enhance your Zephyr devices' protection against:
- Fileless attacks (heap overflow, etc.)
- Data theft from Trustzone
- Vuln. in third-party binaries
- OS vulnerabilities
- Stack and memory overflows
- DDoS and brute-force attacks, and more

Remote Observability
Sternum’s device and fleet-level observability capabilities enable continuous tracking and monitoring of devices’ logs, metrics, traces, and crash logs which enables your team to:
- Ready access to live and historical data
- Anomaly detection
- Advanced log management
- Remote debugging
- Contextual root cause analysis

Sternum & Zephyr - Better Together
Protect Zephyr-operated devices from major threats | Reduce troubleshooting time and effort | Comply with cybersecurity and surveillance regulations
See Sternum’s IoT magic in action:

Integrate Sternum in a few clicks:
Add our directory and add a few lines to CMakeLists. That’s all. No code changes are required.

Easily control Sternum runtime security from your Kconfig

Easily track and monitor live actions in your system by adding a few lines of code

"Sternum’s product was embedded within an hour. The engineers couldn’t even believe how easy it was... it saves us time, manpower, and money, and it will help us build better products and make better decisions."

Kyle Erickson
Product Security Director
Medtronic

Take your Zephyr-operated devices to the next level

Get in touch to learn more sales@sternumiot.com | Working with: Medtronic | NXP | arm A new standard for IoT Security & Observability