



EMBAR SB

A Safe & Secure Solution for Embedded ECUs

Your challenge

Every new embedded product must fulfil the requirements of the Cyber Resilience Act, ISO/SAE 21434 and IEC 62443.

Our solution

EMBAR SB is exactly what you need: An add-on that enables secure boot, authenticated updates and full integration of hardware security features.

Speak to our experts to ensure the security of your product without redesign!

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EMBAR SB includes

- **Secure Boot (SB)**
- **Software signature verification**
- **Rollback protection**
- **Secure update handling**
- **Hardware Security Module integration**

Fully conform with

- **Cyber Resilience Act (CRA)**
- **ISO/SAE 21434**
- **IEC 62443**
- **ISO26262 / EN61508**



Key Benefits

- **Predictable Integration Effort**
- **Reduced Re-Validation Effort**
- **Limited architectural impact**
- **Reduced internal development and testing effort**
- **Security mechanisms aligned with industry standards**

Why safecubed?

- **Deep Embedded Expertise**
- **Combined Functional Safety & Cybersecurity Know-how**
- **Integration and concept support**