



CyberBoot

Secure Boot Platform & Integration Services

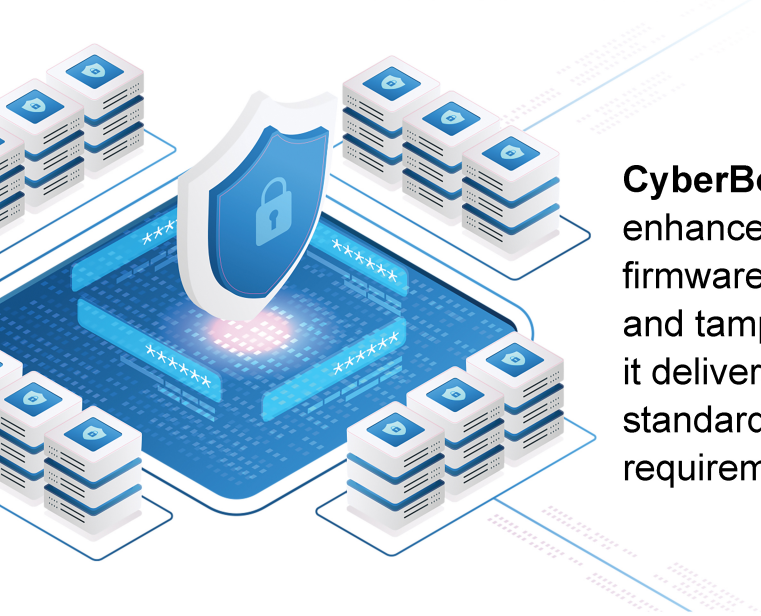
Would you know if your system booted from compromised firmware?

- Over 60% of ECUs in production lack full boot integrity validation.
- UN R155 and ISO 21434 require it – but many still fail to implement it.

The Reality – What Most Customers Face

You already have a bootloader – maybe even from a trusted vendor.
But: No key provisioning. No rollback prevention. No audit traceability.
Worst of all: No way to fix this without rebuilding from scratch?

We don't replace your stack – **we secure it.**



CyberBoot is a modular security layer designed to enhance existing bootloaders. It verifies signed firmware to ensure authenticity, blocks rollback attempts and tampering to maintain system integrity. Additionally, it delivers documentation that complies with ASPICE standards, supporting industry-grade safety and quality requirements.

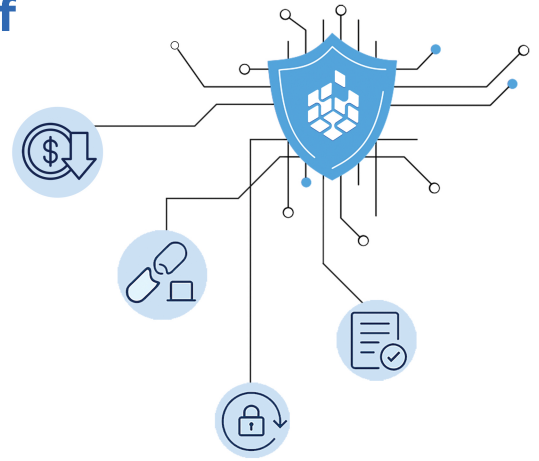
How We Work – Our Process

- 6 structured steps.
- 8–12 week delivery time.
- Fully remote with local project management.
- You provide the hardware – we deliver security.



The Business Case – Why It Pays Off

- ✓ 60% lower cost than premium vendors.
- ✓ Ready for production in under 3 months.
- ✓ Fully aligned with ISO 21434, UN R155.
- ✓ No vendor lock-in - you retain full control at all times.



Industries we support

- Automotive OEMs & Tier-1s
- IoT / industrial device manufacturers.
- Anyone preparing for security audits, compliance checks, or OTA rollout.



How it fits together

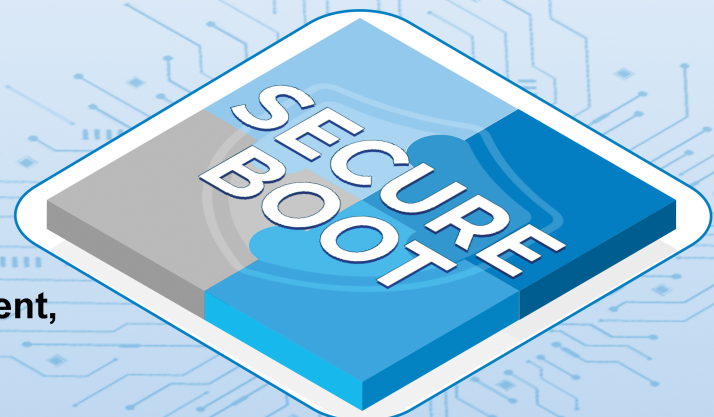
Boot loader sourced from standard vendors
(Vector, Electrobit, ETAS etc)
or legacy boot loader software

Ettiksoft Expertise on Bootloader & Security

HSMs / TPMs / HSE elements from HW supplier

Ettiksoft Cryptographic Algorithms, Trust Anchor solution, Key management, Secure key provisioning and manufacturing toolchain integration

ETTIKSOFT SECURE BOOT SERVICES




Why Ettiksoft?

- ✓ Deep security & embedded systems expertise.
- ✓ Proven integration with third-party and legacy bootloaders.
- ✓ Partner to Tier-1s and OEMs for production-grade solutions.
- ✓ Compliance-ready and lifecycle-aware design.

**“ SECURE MOBILITY STARTS WITH A SECURE BOOT.
TRUSTED BY LEADING TIER1S ”**

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Book Your Meeting