

Autonomous Security: Controllers protect themselves



Presentation Abstract

The increasing relevance of cybersecurity in the automotive space has been accompanied by attempts on the part of auto manufacturers to introduce countermeasures to increase the level of resilience of vehicle from external attacks. Karamba Security has introduced Autonomous Security product suite to automatically harden on-board control units against cyber attacks. Autonomous security seamlessly seals control units' binaries according to factory settings, and prevents unauthorized changes. Such deterministic prevention blocks vulnerabilities exploit attempts with:

- Zero false alerts
- Zero-day protection, without requiring malware updates
- Zero delays in time to market, thanks to automatic hardening