IoT Device Security Pentesting

All interfaces, software, firmware, privacy.

- Web application security of local WebUI
- Man-in-the-middle attacks
- Replay-based attacks
- Privacy analysis (e.g., GDPR compliance)
- Secure remote management
- Backend communication analysis
- Radio / WiFi / BT encryption and hardening
- Firmware reverse engineering
- Analysis of third-party libraries and SDKs
- Tests for default / dedicated accounts
- Storage of sensitive information

