

Next-Generation Fleet Management for OT and IoT Devices

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Built for scale, designed for compliance!

Updating and managing large device fleets is increasingly difficult. Current solutions lack **scalability**, create **vendor lock-in**, and fail to address **security** and **AI-driven** requirements. Companies face **long update cycles**, high **costs**, and weak guarantees of **software integrity**.

We solved exactly those issues:

- + **FAST ROI** through easy integration on any hardware platform
- + **SECURITY BY DESIGN** with verified software execution
- + **GLOBAL COMPLIANCE** with EU CRA, NIST, NCA
- + **AI-READY** for edge and ML workloads



CRA
Europe



NIST
United States



NCA
Middle East

Key Challenges

-  **Complex & inefficient** update management across diverse OT & IoT fleets
-  **Lack of standards**, vendor lock-in and limited interoperability
-  **Heavy toolchains** and high device resource consumption
-  **Slow updates** with high bandwidth demand
-  **No security-by-design** approach
-  **No proof** that installed software or SBOM is executed at runtime
-  **Weak robustness**, missing failsafe mechanisms
-  **AI workloads** amplify update load and traceability needs



Unique Selling Points

Our solution delivers **secure**, **efficient**, and **future-proof** fleet management, built for **scale**, designed for **compliance**, and ready for **AI**.



Safe updates with signed, attested binaries, verified before install



Low-bandwidth updates (OTA and delta)



Verifiable SBOM at runtime with rollback and health checks



Secure remote access to any device



Self-healing devices through A/B partitioning



Robust and failsafe update process



Security by design from the ground up



AI-ready with hardware acceleration for ML/AI deployment



Hardware and vendor independence

- Linux, RTOS, ARM, x86, custom PCBs
- Daisy-chain updates for child devices



Global compliance with EU Cyber Resilience Act, NIST (US), NCA (Middle East)



Customer Benefit

Fleet Management that secures today and accelerates tomorrow.



Guaranteed execution of verified software artifacts during runtime



Compliance with the latest global cybersecurity standards



Unified fleet management for any OT or IoT asset



Faster ROI through simple integration and broad device compatibility



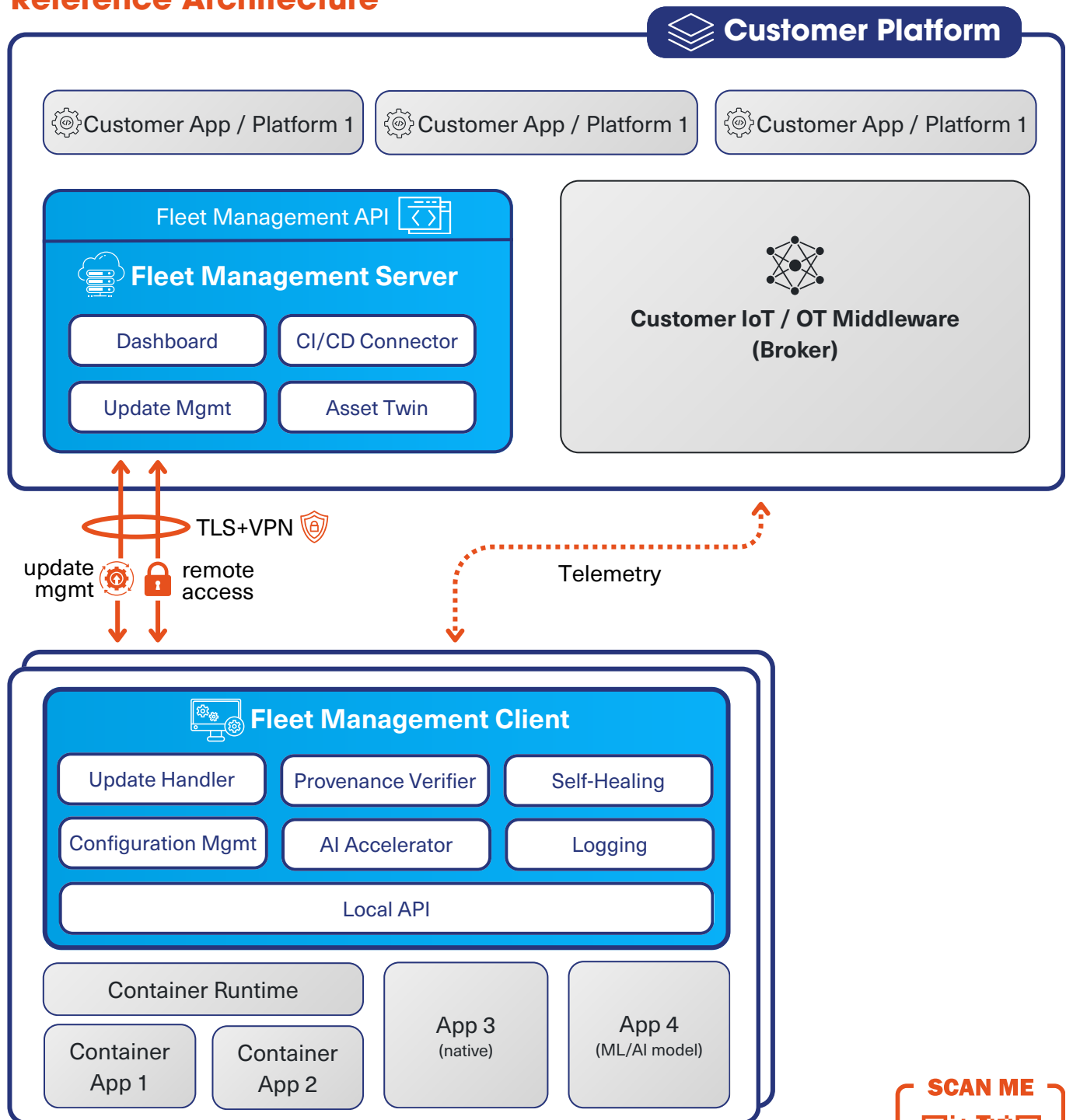
Flexible deployment: on-premise or cloud-based PaaS



Ready for large-scale ML and AI at the edge

Fleet Management

Reference Architecture



SCAN ME



Technological Excellence with Danube Dynamics

With our **secure**, **scalable**, and **future-proof** solution, we guarantee that managing your device fleet will no longer be something you need to worry about. Instead, our solution will make you ready for all **current** and **future requirements**, such as standards and **certifications**, **artificial intelligence**, and **cybersecurity**.

Get in touch today to secure, optimize, and future-proof your device fleet.