

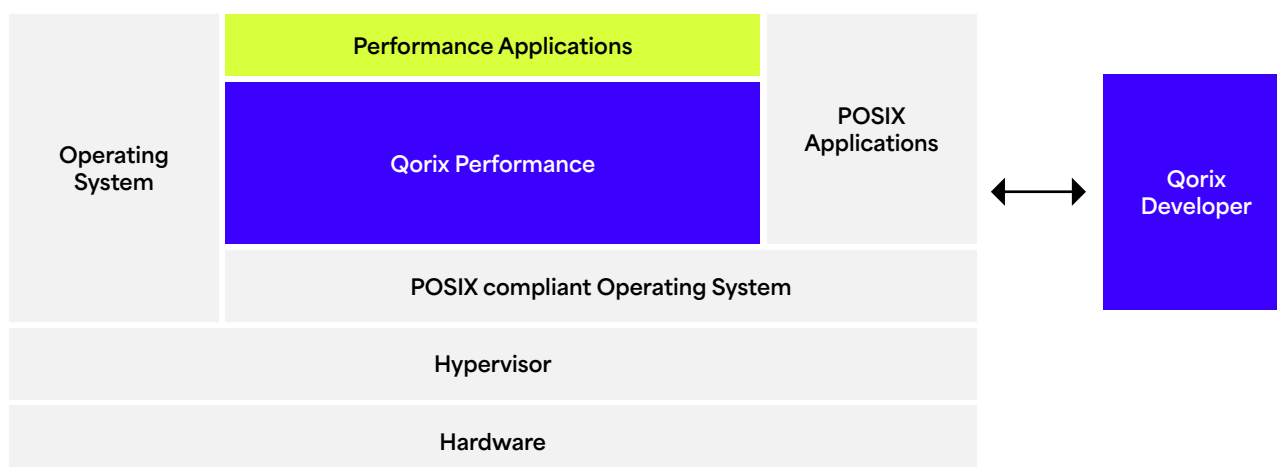
Building World-Class Automotive Middleware Stacks

▶▶ Qorix Performance



Qorix Performance is a specialized software solution designed to enhance the overall vehicle performance and efficiency of embedded systems by optimizing system resources and efficiently managing communication. It offers easy scalability and adaptability to various vehicle platforms and requirements, ensuring seamless integration with both existing and new software architectures. Built-in security and fault tolerance features increase the reliability and safety of the systems. As a key component for modern vehicle systems, Qorix Performance provides high performance, flexibility, and security, enabling automotive manufacturers and suppliers to create more efficient and powerful systems.

Qorix Performance Architecture



Key Highlights

Supporting Linux, QNX and other POSIX compliant OSs

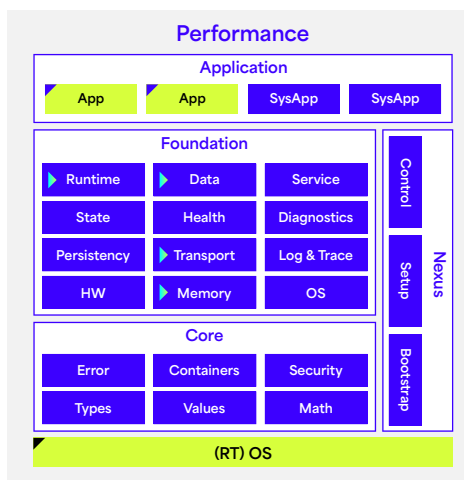
Development in line of OSS Core Stack initiatives

Non-Adaptive Performance Foundation

Adaptive Frontend for Performance Foundation

Classic Frontend for Performance Foundation

Qorix Performance Features



Data

- ▶ Mixed mode applications combining control systems, data pipelines, state-event-driven applications and services
- ▶ Access control by built-in thread-safe data capability
- ▶ Data definition with focus on optimal transportability
- ▶ Zero-copy transport with trivial construction

Tooling

- ▶ Gitability: Configuration as code
- ▶ CLI: Cloud native tooling by design
- ▶ Automation: DevOps enabled by design

Runtime

- ▶ Runtime orchestration for deterministic execution control
- ▶ Separation of task definition and deployment
- ▶ Simulation time warp by full virtualization of time

Qorix is a technology company that provides innovative, robust middleware solutions for all areas of the vehicle, especially in the context of the shift towards software-defined vehicles (SDVs). We help automotive manufacturers and suppliers manage increasing software complexity while maintaining control over architecture. Our middleware enables a secure, scalable, and powerful software ecosystem for next-generation vehicles. Our product portfolio includes AUTOSAR Classic and Adaptive platforms, as well as our proprietary performance stack, which was developed specifically for high-performance computers and real-time integration. With a global team of around 300 experts, Qorix delivers software products for leading original equipment manufacturer (OEM) and tier one (Tier 1) programs. As a joint venture between KPIT Technologies, Qualcomm Ventures, and ZF, Qorix combines in-depth software expertise with automotive system knowledge. Qorix is a member of the VDA, AUTOSAR, and the Eclipse Foundation and actively participates in shaping modern software standards for tomorrow's mobility.

Learn more at www.qorix.ai

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