

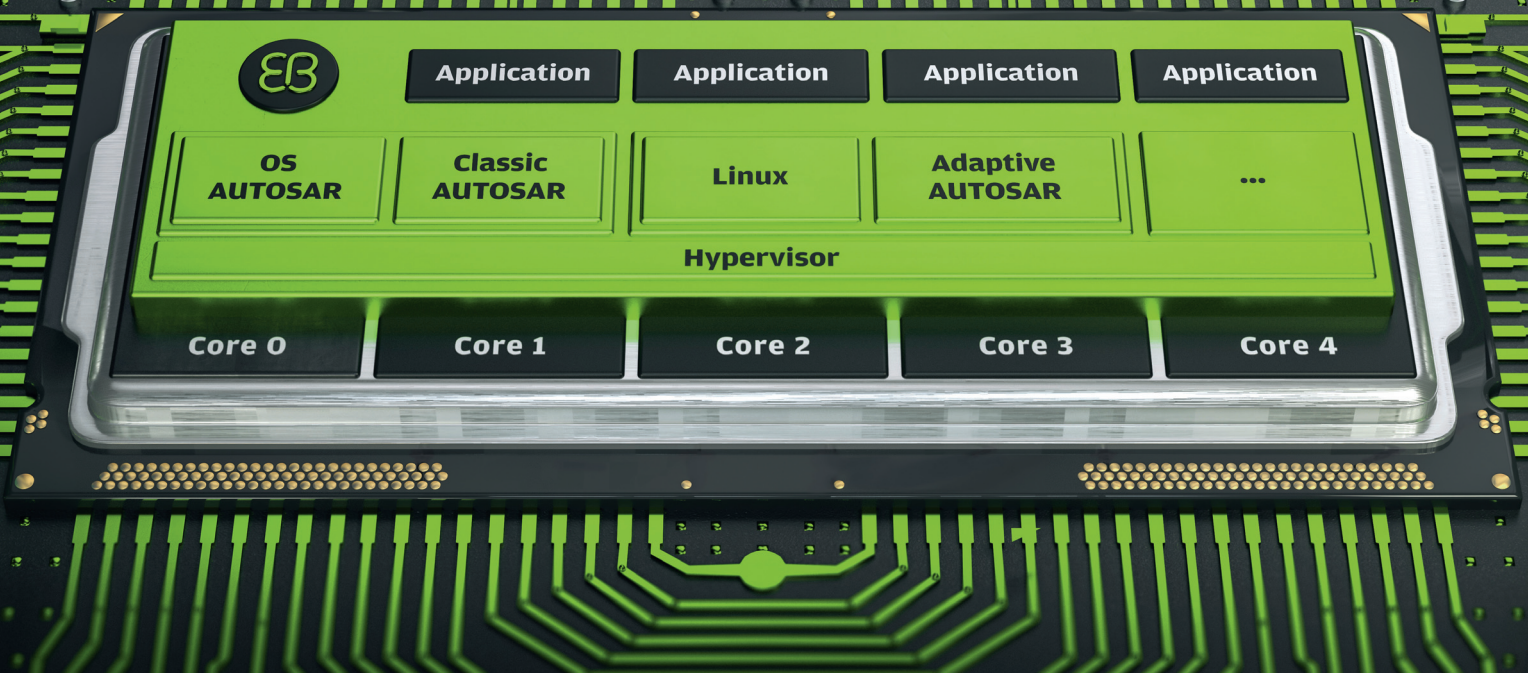


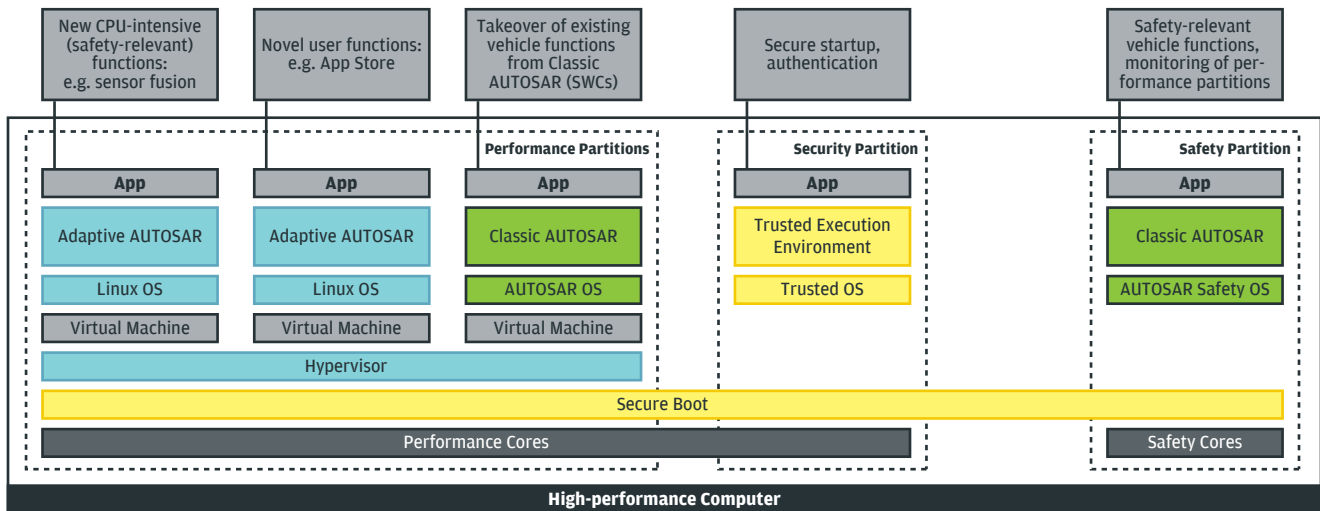
Elektrobit

EB corbos / Where safety meets performance

Everything you need

to bring Adaptive AUTOSAR on the road





Including

EB corbos AdaptiveCore

- ▶ Basic software for safe and secure high-performance control units

EB corbos Hypervisor

- ▶ Software layer to run multiple (different) operating systems on one single CPU

EB corbos Linux

- ▶ High-performance operating system

EB corbos Studio

- ▶ An integrated development environment for EB corbos products

Features

- ▶ Provides run-time environment, software update capability, and embedded security
- ▶ Is based on the portable operating system interface (POSIX)
- ▶ Has several operating systems running on one processor
- ▶ Provides hardware virtualization
- ▶ Provides separation between virtual machines on different CPU cores
- ▶ Has in-kernel safety-monitoring for critical parts

Benefits

- ▶ Guarantees highest safety levels for automated driving
- ▶ Reduces system complexity
- ▶ Saves time and cost through re-usable software functions
- ▶ Adds functions easily, fast, and securely during the car's life cycle over the air
- ▶ Integrates connected and automated driving applications easily through a standardized software framework
- ▶ Saves physical space by integrating multiple systems on one device
- ▶ Optimizes resource utilization

Contact us: