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EB corbos AdaptiveCore

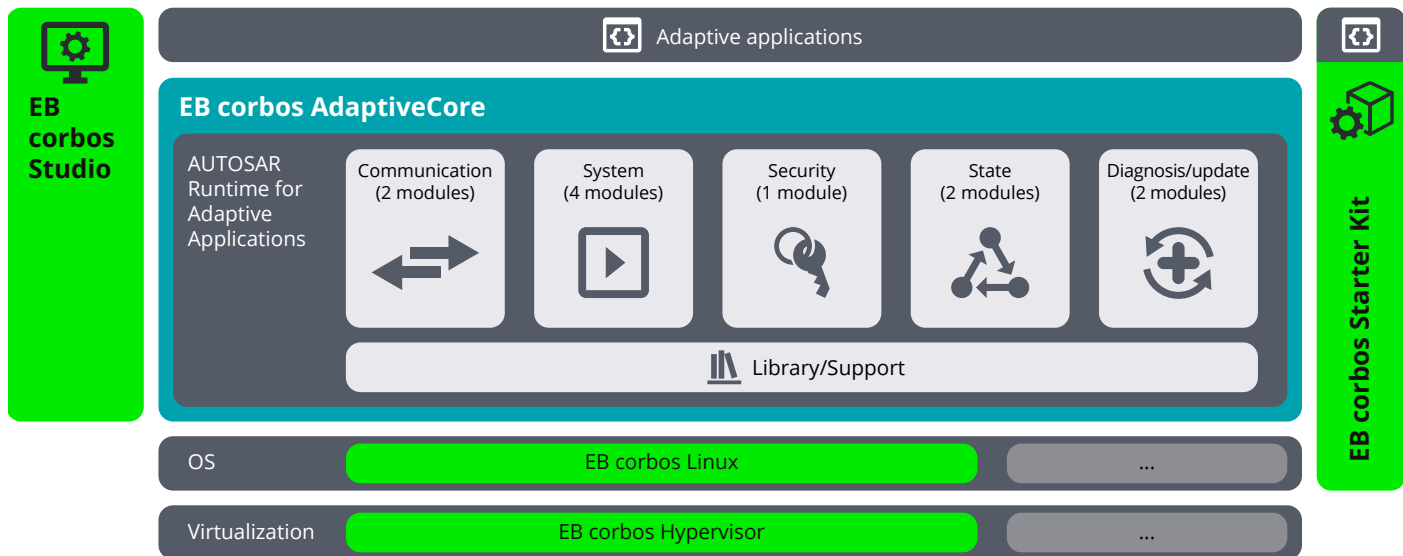
EB corbos AdaptiveCore is a proven-in-use middleware that realizes automotive requirements on top of POSIX operating systems.



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Benefits

- **Strong foundation for in-car applications**
Compatible with POSIX-based operating systems and designed for flexible use in infotainment to automated driving applications. It is based on the AUTOSAR Adaptive Platform (version R20-11) and supports automotive Ethernet.
- **Secure and fast update over the air**
Extend software functions at runtime via fast and secure over-the-air updates, enabling support for regulative requirements, e.g. UN R155.
- **Save development time and costs**
 - Allows customer focus on differentiating functions by providing non-differentiating core functions (e.g. diagnostic, time sync, health management, network management)
 - Includes bugfixes for issues reported by other users of the AUTOSAR Adaptive Platform
 - Field-proven on platforms of NXP, NVIDIA, Renesas, and TI.

Features

- Multi-OS support for POSIX-based operating systems (e.g., Linux, QNX)
- Architecture and interfaces according to AUTOSAR Adaptive Platform standard
- Flexible tool integration into your development environment
- Service-oriented architecture with support for automotive Ethernet
- Built-in support for cybersecurity regulations, e.g. UN R155
- Reference platforms from leading semiconductor vendors
- Integrates seamlessly with Elektrobit products for Classic AUTOSAR, Linux, and virtualization
- Offers essential core building blocks for the software-defined vehicle

Hardware platforms In use on

NVIDIA, e.g. Orin X

NXP, e.g. S32G

Renesas, e.g. R-Car H3

TI, e.g. TDA4VM

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