



Elektrobit

EB corbos AdaptiveCore

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



Proven-in-use
on the road
since 2020



Global support
& service
network



Broad network of
partners in IT, cloud,
and silicon vendors

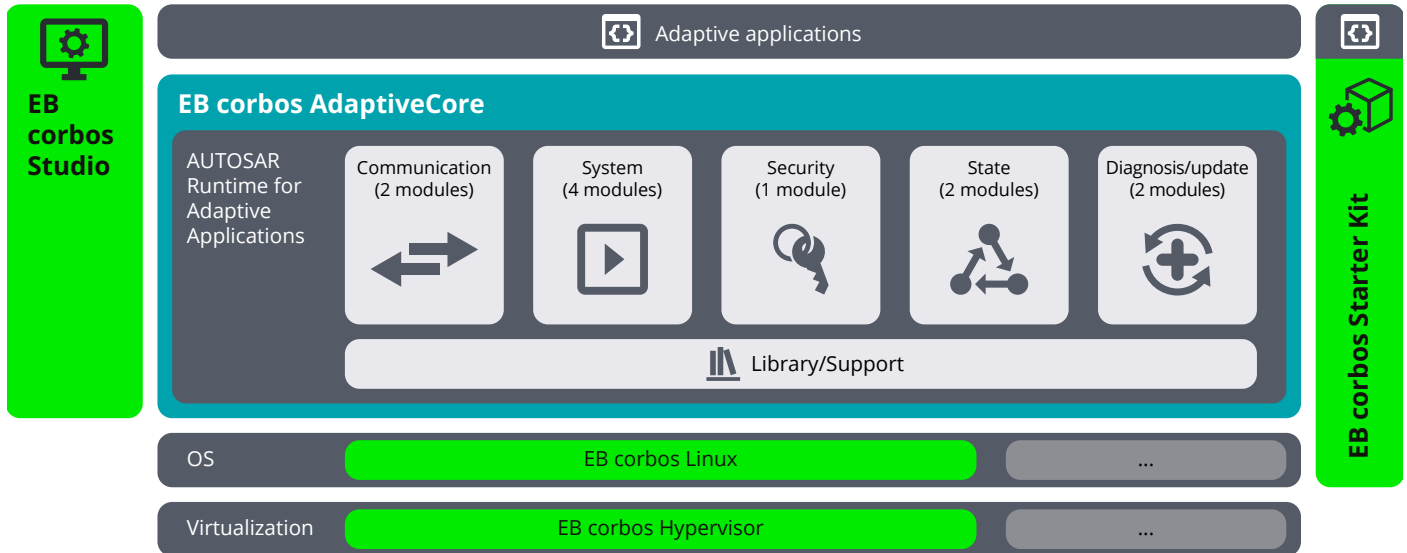


Software-defined
and vehicle-
compliant

www.elektrobit.com

EB corbos AdaptiveCore

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



Benefits

Save development time and costs

- Simplifying application development across various controllers and vehicles.
- Accelerate time to market with hardware-independent software development.
- Scalable and worldwide available infrastructure.

Long-term cybersecurity and software maintenance

- Enhanced vehicle security, ensuring protection against cyber threats and unauthorized access.
- Flexibility in system updates and component integration, reducing development costs and time to market.

Automotive-grade industrialization

- Adhere to compliance with industry regulations and quality standards to ensure access to a broader range of markets, increased product quality, customer trust, sales, brand loyalty, which helps mitigate legal and financial risks. Overall, save support and maintenance costs in your project.

Strong AUTOSAR-based foundation for in-car applications

- Comprehensive set of building blocks to enable in-vehicle use cases across all automotive domains – from the infotainment system, ADAS/AD applications all the way to the vehicle control system.

Features

- Multi-OS support for POSIX-based operating systems (e.g. Linux, QNX)
- Standardized application interfaces and architecture according to AUTOSAR Adaptive Platform
- 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

Hardware platforms In use on

NVIDIA, e.g. Orin X

NXP, e.g. S32G

Renesas, e.g. R-Car H3

TI, e.g. TDA4VM

Contact us:

sales@elektrobit.com • www.elektrobit.com