Future-proof safety solution for SDV with **EB corbos Linux for Safety Applications**

**Goal:**
To bridge the gap between the rapidly evolving open-source world and automotive industry requirements

- qualified
- reliable and
- well-maintained

**Result:**
Optimized operating system for high-performance computing

- Fast project start up
- Fast development
- Fast innovation cycles

We enable you to build a strong foundation to accelerate your software application development

Complies with ASIL B/SIL 2 safety requirements

www.elektrobit.com
Benefits

- **Safety-compliant**
  open-source HPC operating system meeting ASIL B/SIL 2 safety requirements*
  * Positive technical assessment feasibility report

- **Streamlined development process** for improved time and cost efficiency.

- **Remove entry barriers**
  with a seamless pre-development phase at no cost, accelerating your project timeline.

- **Immediate defect notification** aligns with Elektrobit's commitment to industry security practices.

- **15 years of**
  security and software **maintenance**

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**High-level architecture**

**EB corbos Linux kernel**

**QM**
- App
- App
- App

**Middleware API**
- Automotive libraries
  (Adaptive AUTOSAR, ROS/ROS2, ...)

**ASIL-B**
- App
- App
- App

**Safety middleware API**
- Automotive libraries
  (Adaptive AUTOSAR, ROS/ROS2, ...)

**OS safety monitor**
- Drivers

**Bootloader**
- SoC enablement
- EB corbos Hypervisor

**SoC**

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**Safety in numbers**

Learn more

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Contact us:

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