SIRIUS OS
Embedded Real-Time Platform

SOKRATEL

Do you want to concentrate fully on the application features of your embedded system?

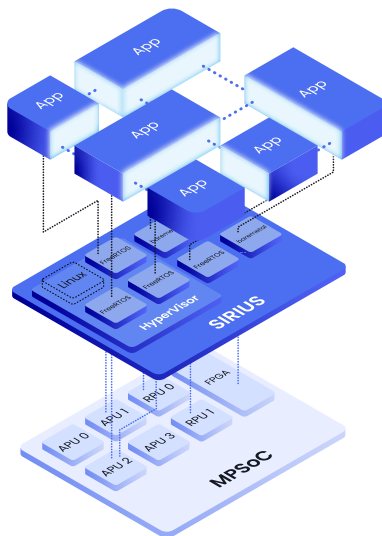✓ **Increased efficiency**   ✓ **Minimize costs**   ✓ **Reduced time to market**

SIRIUS OS is the **only real-time embedded platform** for the powerful MPSoCs that offers a **comprehensive ecosystem** with all core features needed for applications in **industrial automation**.

The Perfect Environment to Realize Your Visions

In the age of **Industry 4.0**, real-time applications are indispensable. Development at the **highest level of innovation** requires increasing costs and a great deal of effort.

With SIRIUS OS, you receive a **complete package** in which we provide a **powerful, highly scalable and expandable embedded environment** for you. This **reduces the workload** for your team, allows you to focus on new software features of your products and enables you to **operate more efficiently** on the market by creating faster development cycles.

SIRIUS OS offers the **highest quality standards** and is used in the critical infrastructure. It is constantly being further developed and meets all new requirements.

Areas of Application

- Sensor Processing
- Ultrasound
- Flight Navigation
- IIoT & Cloud Computing Security
- Networking & Industrial Communication
- Industrial Vision
- Medical Engineering
- Image & Video Processing
- Collaborative Robotics
- Motion & Motor Control
- Frequency Converter
- Automotive (ADAS)

Features of SIRIUS OS

Real-Time Task-Scheduling	Data & Event Logging
IIoT Connection & Web-Server	AXI Communication
Inter-Core Communcation	Secure Boot · TSN
Parameter Management	Individual features on request
Remote Firmware Updates	MATLAB® Simulink® Target
Hypervisor	Embedded Development Platform

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You want to learn more?
Scan the QR code to explore our website or contact us!