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MPI SIRIUS Software Suite /



The Next-Gen Software Development & Integration Platform

Why SIRIUS?

SIRIUS is a Low Code / No Code (LCNC) platform that enables you to create, extend, and automate the apps and processes using drag-and-drop builder and generative AI coding assistance. The API connector facilitates interaction and integration between different applications. The modular design also incorporates CI/CD in software development cycle and generative AI technologies, significantly enhancing productivity to the next level.

Whether you're involved in high-volume production or research prototyping—whether you're an experienced developer or a beginner—the SIRIUS Next-Gen Software Development / Integration Platform will turn your needs into reality.

Advantages

- Accelerating time to market
- Improving data analytics
- Increasing efficiency

Key Features



User-Centric GUI

SIRIUS is fully configurable for users of different levels: operators, developer, or engineers. The graphical user interface is easy to operate and features tunable options to **personalize** your unique workflows.



Seamless Integration

Have you ever been frustrated by the time wasted connecting devices or integrating platforms before you even start testing? SIRIUS uses a simple and standardized **API** interface to facilitate interaction and integration between different software applications while also reducing development costs. SIRIUS enables you to quickly set up workflows that work only for you, thereby boosting efficiency significantly.



Low Code / No Code (LCNC)

SIRIUS features a Low Code / No Code system structure, making it accessible for all skill levels. Build prototypes and adjust parameter settings using an easy **drag-and-drop** builder. Require specific customizations? Use **Python** to fine-tune your processes to meet exact test requirements. SIRIUS enables you to both accelerate your development cycle and personalize your workflow.



Custom Builds

Built on a modular concept, SIRIUS is **fully customizable and scalable**. Add modules such as automated motion control, measurement instruments, visual inspection equipment, robots and more per your unique test requirements. This allows you to realize highly automated turnkey solutions.



AI-powered Technology

Integrate AI-powered module for large-scale data analysis to better understand trends and enhance test quality. In applications such as Automated Optical Inspection (AOI), SIRIUS implements **AI technology** for cross-platform data integration. This method accurately identifies defects and minimizes manual intervention and errors. The result? A significant improvement in product quality and inspection efficiency, along with increased system reliability.