

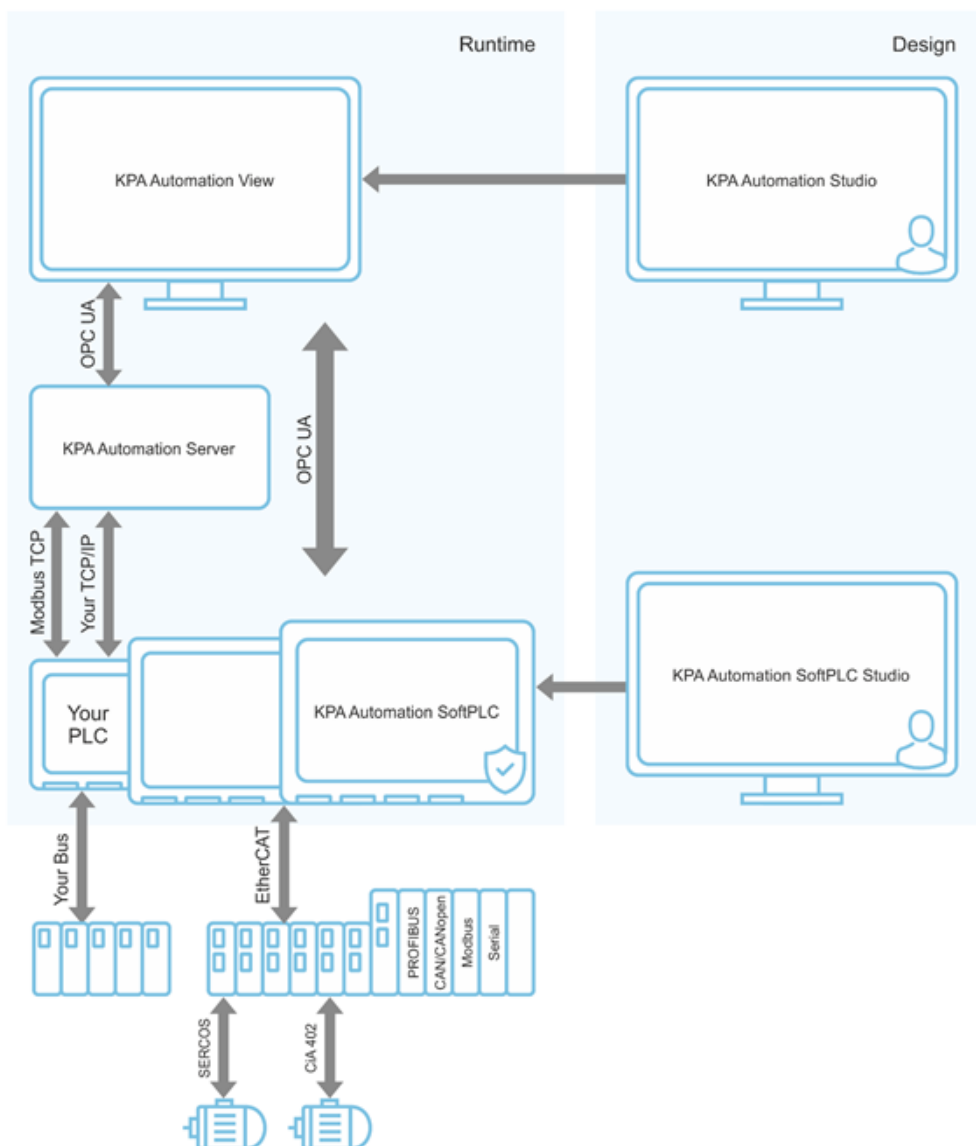
KPA Automation: Cost-effective SCADA platform

KPA Automation is a cost-effective and vendor-independent software platform for factory automation and process control applications. It enables system integrators, solution providers and automation specialists to design, implement and support PC-based industrial automation systems of any level and scale – from a lightweight software PLC to a full-fledged integrated SCADA system.

Key features

- Hierarchical architecture with object-oriented design
- Unlimited customization and programming possibilities
- Advanced security and troubleshooting system
- Integration with third-party hardware equipment and software systems and components
- Multi-language user interface with full-featured translation system and online language switching on runtime

KPA Automation has a modular structure and includes several software components that can work separately or integrated into an industrial control and monitoring system.



KPA Automation Studio

KPA Automation Studio is integrated development environment with user-friendly drag-and-drop user interface for programming appearance and behavior of HMI controls. For ease and convenience of development, KPA Automation Studio offers:

- Scintilla-based code editors
- JavaScript support for client-side scripting
- Ready-to-use libraries with convenient library management

KPA Automation View

KPA Automation View is a powerful software solution using design tools to create advanced human-machine interfaces (HMI) for programming any interface control. There are no limits on the number of created screens and data tags. Static and animated graphics are available, so that objects can change appearance according to the values of the PLC tags.

KPA Automation softPLC

KPA Automation softPLC is a programming environment for developing PLC for real-time operation systems such as Linux, Xenomai, INtime or Windows. It includes an integrated fieldbus configuration tool for OPC UA, Modbus, MQTT, Shared Memory, and PROFINET.

KPA Automation softPLC provides editors for ST, IL, FBD, SFC, LD programming languages according to the IEC61131-3 standard.

KPA Automation Server

KPA Automation Server collects and aggregates data from controllers and provides it for various applications. Data is transferred through the OPC UA protocol, which establishes a secure channel between the client and the server using encryption, signatures, and digital certificates.

KPA Automation Data Analytics

KPA Automation Data Analytics is an innovative reporting solution suitable for companies of any size that need to collect a range of tag values in a table report for further analysis to control stability and optimize production.

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koenig-pa GmbH Quality Management System is certified according to DIN EN ISO 9001:2015. Initial certification in 2008.

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