

# New open and flexible PLCopen based motion control platform

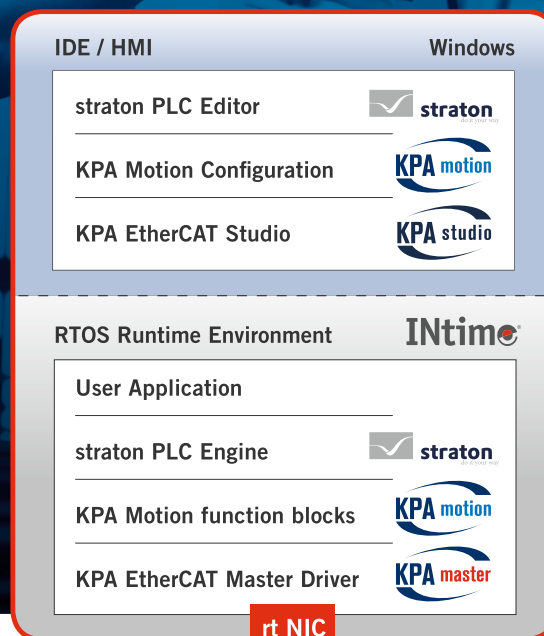
CONTACT US

HongKe Booth

**HALL 6.1H**  
**Stand D12**

Easy programming of sensors, actuators, drives – KPA Motion functions are now made available through integrated PLCopen function blocks within the straton PLC IDE. All integrated on one PC.

COPA-DATA, koenig-pa and TenAsys® have joined their expertise to provide a complete Programmable Logic Controller reference platform for motion control with EtherCAT® field bus support.



TenAsys provides the real-time base platform to consolidate all functions onto just one Windows PC.

Further enhancements like adding OPC UA functionality are easy to include.

## Sophisticated building blocks for state of the art PC based control solutions

Reducing your work time, the installation of your device is guaranteed on time. straton tools are based on the IEC 61131-3 standard, are available in international languages and allow perfect compatibility with your software. COPA-DATA provides a team of experts able to guide you during the process.

### straton PLC Integrated Development Environment

The straton Integrated Development Environment includes several tools as a fieldbus configuration tool, an analog signal editor and editors compliant with the five languages of the IEC 61131-3 standard. Very powerful tools are provided for online debugging and simulating the IEC 61131-3 application. straton includes a wizard that builds a monitoring application for the project.

### straton PLC runtime

straton runtime combines all the expertise and the technology necessary for efficient functioning of automation processes, and for the configuration of logic data. Installed on a platform, it allows the execution of logic programs based on the IEC 61131-3 standard, and automatically gathers the required data. Updates and add-ons are regularly provided as a free download for users on our website.



**COPADATA**  
do it your way

### COPA-DATA France

Rue du Sextant, Parc Sud Galaxie  
FR-38130 Echirolles, France  
Tel.: +33 (4) 38 26 00 75  
E-mail: info.fr@copadata.com  
www.copadata.com

koenig-pa GmbH is striving to ensure conformity of its products with the latest trends in IT and industries by relying on profound knowledge and expertise in various operating systems, hardware platforms and fieldbus support. This provides cross platform "ready to use" solutions for process automation.

### KPA Motion

Linear and coordinated multi-axis motion  
Low latency, on-the-fly trajectory calculation  
User-defined kinematic models  
Built-in integration with robotics simulation software

### KPA EtherCAT Master

High performance, low memory footprint  
Versatile functionality exceeding ETG standard classes  
Online bus configuration update  
Web UI/OPC UA interface for IoT applications



### koenig-pa GmbH

Im Talesgrund 9a  
91207 Lauf a.d. Pegnitz, Germany  
Tel.: +49 (9123) 789 764  
E-Mail: sales@koenig-pa.de  
www.koenig-pa.de

For more than 35 years, TenAsys products have been the base operating system software on which many manufacturing automation systems have been built. Increasing computational capacity of PC technology has led to increasing the number of application workloads while reducing the overall number of discrete processing systems.

### TenAsys® INtime® – Hard real-time operating system environment

Combining mixed workloads, deterministic and general purpose, is a primary benefit of the INtime RTOS leading to substantial cost savings by removing redundant hardware. The ease of which straton, KPA Motion and KPA EtherCAT Master integrate using INtime software demonstrates the power of the functional building block approach producing scalable and powerful solutions on standard PCs.

**tenAsys®**  
Embedded Virtualization Solutions

### TenAsys Europe GmbH

Hans-Stießberger-Str. 2b  
85540 Haar / Munich, Germany  
Tel.: +49 (89) 46 1498 45  
E-Mail: europe-office@tenasys.com  
www.tenasys.com