Automation powered by CODESYS®
The next industrial revolution: CODESYS Virtual PLC

AUTOMATION BY

CODESYS SETS NEW STANDARDS FOR THE FUTURE OF THE INDUSTRY: CODESYS VIRTUAL PLC

CODESYS is the global market leader of manufacturer-independent IEC 61131-3 automation software with over 5 million device licenses sold worldwide. More than 500 control system manufacturers and tens of thousands of companies worldwide use CODESYS products.

CODESYS has been offering hardware-independent Soft PLCs for over 20 years and continuously we have been expanding our products. CODESYS provides hardware-independent Soft PLCs with and without real-time for Windows, as well as Soft PLC solutions for Linux X86 and ARM-based systems. All that is needed is to purchase the hardware, go to the CODESYS North America Store (https://us.store.codesys.com/) and download the appropriate CODESYS Control Soft PLC to the device.

CODESYS Virtual PLC has no hardware requirements
The CODESYS Virtual PLC goes one step further here. It allows users to run the CODESYS Soft PLC in a virtual environment without the need for a device. Instead, the device gets replaced by containers and hypervisor technologies.

The CODESYS Virtual PLC can be installed multiple times on a device and has no hardware requirements. It is connected to the Automation World via virtual LAN. CODESYS is currently delivering CODESYS controllers in Docker containers to pilot customers.

POWERED CODESYS

ADVANTAGES

A significant reduction in costs and procurement:
- Wiring
- Maintenance
- Rolling out applications and device administration

The control cabinet is no longer occupied by one or more controls.

Power supply units and their wiring are no longer necessary.

OT and IT merge completely
Instead of procuring and installing several controllers, it is enough to load an available IT platform in the network with virtual controllers and to manage them centrally - performed by
IT specialists insted of automation specialists.

CODESYS Corporation

200 Cummings Center | Suite 272-D
Beverly, MA 01915 | USA
+1 978 473 7600
NorthAmerica@CODESYS.com
US.Store.CODESYS.com