



CODESYS Corporation

CODESYS® Visualization



CODESYS



CODESYS Visualization for hardware-independent HMIs

The CODESYS Development System integrates a powerful editor for HMI screens such as operator or maintenance panels for mobile automation. CODESYS offers two options:

- HMI screens can be displayed directly on a local display (CODESYS Target Visu)
- and displayed as a WEB application on any device with a web browser (CODESYS WEB Visu).

WEB Visu screens can be displayed locally or remote via network, in a browser window or full screen in kiosk mode.

Because the CODESYS visualization editor is integrated with the PLC programming system, the HMI screens become part of the PLC program, it can directly access and display the data of all CODESYS control applications. The CODESYS visualization can easily be ported to a new device type, simply by changing the target device in the project and rebuilding the application - the same way a PLC program can easily be ported to a new target device.

With the latest version of the CODESYS WEB Visu, custom HTML-5 elements can now be integrated as active control elements using Java Script. This is opening up the CODESYS visualization to the vast possibilities of web-based animations, graphics, and custom controls.

Operator panels with CODESYS visualization have been proven in thousands of specialty vehicles, machines, and production lines worldwide.

VISUALIZATION

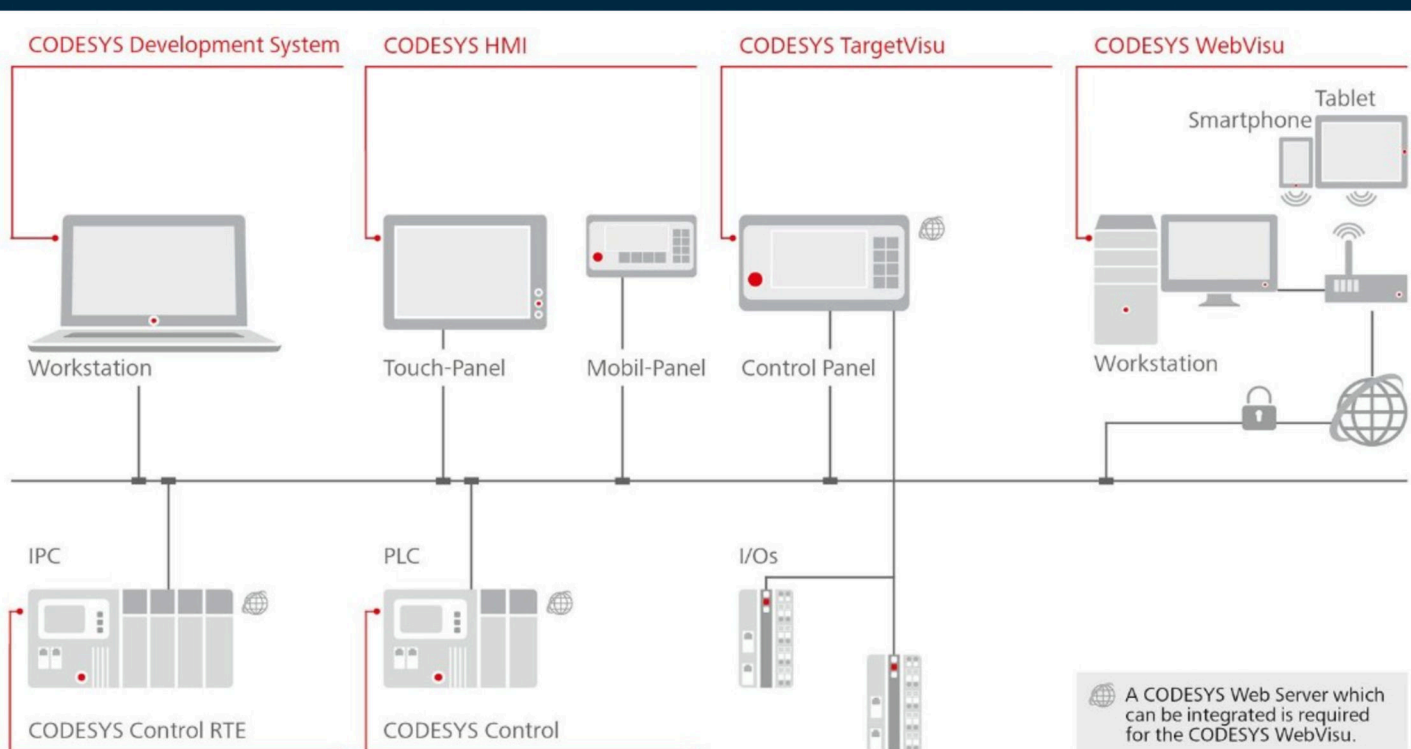
Proven in thousands of specialty vehicles, machines & production lines

Control and Visualization in ONE TOOL

One HMI project - many platforms:

HMI screens can be displayed on various platforms: from laptops and panel PCs to tablets or smartphones, and on PC devices - even in parallel. The user interfaces and HMI screens can be designed to automatically adapt to different display screen sizes.

User interfaces with powerful security features such as user authentication and different levels of access to screen elements are supported and complement the comprehensive security features built-in as standard in CODESYS SoftPLCs.





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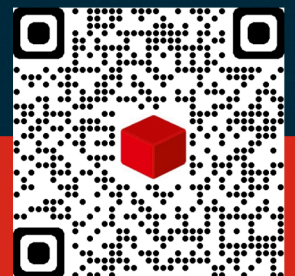
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