

CONTROL EDGE PLC SYSTEM INTEGRATORS AND DISTRIBUTORS

ControlEdge programmable logic controller (PLC) provides secure IIoT-ready connectivity with tight integration to devices and systems from multiple vendors. The first PLC to offer Universal I/O, ControlEdge uses the OPC UA protocol and has built-in cybersecurity. Designed to work with any SCADA system, it becomes a superior solution combined with any Experion® variant.

A NEW GENERATION OF CONTROLLERS

Honeywell's ControlEdge PLC is part of the ControlEdge™ family, a next-generation family of controllers providing unprecedented connectivity through all levels of process and business operations. The result is optimized operations and maintenance efficiencies that liberate personnel from manual processes.

ControlEdge™ PLC provides secure connectivity and tight integration to devices and systems from multiple vendors - with easy configuration, efficient operations, and reduced maintenance.

Designed to work with any SCADA system, it becomes a superior solution using any variant of Experion®, leveraging common hardware and HMI, plus LEAP™ project execution. ControlEdge uses OPC UA, Profinet, and EtherNet/IP protocols and built-in cybersecurity for smooth integration to a range of instruments, equipment and software from multiple vendors. The first PLC to offer Universal I/O, ControlEdge provides remote configuration and late design change flexibility for improved project implementation. Honeywell delivers superior integration and efficiency across both DCS and PLC applications.

SUPPORT

In addition, Honeywell supports you with virtual product training. Moreover, a 24x7 Global Technical Assistance Center (TAC) provides technical and application support for faster problem resolution, with remote diagnostics to help pro-actively manage automation systems. Honeywell provides the confidence of a trusted supplier with the largest installed base of integrated systems and the greatest longevity in the industry. Rely on our experience and expertise to reduce risk and ensure performance.

Our Channel Partner Portal is a private and secure site designed to provide authorized Honeywell Channel Partners with all the information they require to successfully market, sell and support Honeywell industrial automation products. If you are interested in becoming an authorized Honeywell Channel Partner to help your customers improve their efficiency, reliability, safety and profitability, please email us at HPSWeb@Honeywell.com.



WHY CHOOSE HONEYWELL?

Choosing Honeywell provides distinct support advantages as well as access to our broad portfolio. Honeywell helps customers cost-effectively manage their control and safety infrastructure in the face of constantly evolving technology with extended lifecycle support, flexible and easy migration paths, and simplified upgrade capabilities.

Honeywell

BENEFITS

OPC UA

Built on a proven and capable platform, ControlEdge provides an IIoT-ready open platform that enables users to better leverage data across their assets. The OPC UA protocol offers smooth integration while providing built-in cybersecurity. Interoperable multi-level and multiplatform open communication provides flexible and scalable design, enabling standardization with less hardware.

An IIoT-ready platform enables more direct access to cloud-based applications for visualization and analytics. With direct access and reduced gateways, ControlEdge provides investment protection and easier maintenance, and therefore reduced cost and risk.

Experion Integration

Designed to work with any SCADA system, ControlEdge PLC becomes a superior solution when combined with any variant of Experion®. An additional advantage to using Honeywell is that we provide both process control and PLC through a single vendor with seamless support. Coordination is easier with fewer teams and direct access to system knowledge, resulting in faster system setup, testing and troubleshooting. The overall risk is reduced with fewer elements to manage and a single point of responsibility. Reliable integration reduces both risk

and cost with fewer coordination errors, less engineering, faster installation, less training and reduced hardware.

For the end user, operator effectiveness is increased and risk is diminished with a leaner control room. Common HMI for PLC and Experion means fewer operator and engineering stations, less hardware and wiring, reduced IT licensing and less training with a common HMI tool and operator interface. The end user benefits from reduced cost over the lifecycle with smaller footprint and easier maintenance.

Connectivity options

Built-in support for Industry standard protocols such as Modbus, EtherNet/IP, DNP3, PROFINET and HART-IP provide smooth integration to a range of instruments, equipment and software from multiple vendors.

Universal I/O

ControlEdge is the first PLC to offer Universal I/O, providing remote configuration and design change flexibility for improved project implementation. Universal I/O enables the entire cabinet to become a standard part, with I/O channels quickly configurable to allow modules to serve as analog or digital and as input or output. Engineers can quickly accommodate late configuration changes remotely using a simple software tool. Built-in HART-enabled Universal I/O means no additional hardware and costs to support HART.

By offering Universal I/O, ControlEdge provides both configuration efficiency and flexible design, thereby reducing project schedule, cost and risk. Universal Channel Technology eliminates tedious documentation updates for cabinet configurations and simplifies maintenance. The reduction in types of I/O modules minimizes the number of spares needed and associated holding costs for the end user. With reduced or eliminated marshaling, there are fewer cabinets, diminished footprint, and lower infrastructure cost.

Cybersecurity

Our embedded cybersecurity supports compliance, reduced risk, and availability. Features include secure boot to prevent uploading of unauthorized software, a built-in firewall to minimize exposure to denial-of-service attacks and message flooding, and a certified secure development lifecycle to ensure security is built in from the start.

In addition, Honeywell offers Industrial Cybersecurity Solutions and Managed Services that help protect the availability, safety and reliability of industrial control systems and site operations. Honeywell improves business performance by reducing the risk of incidents, faults and failures that disrupt normal operations.

For more information

Learn more about ControlEdge PLC, visit our website www.HoneywellProcess.com/PLC or contact your Honeywell account manager.

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