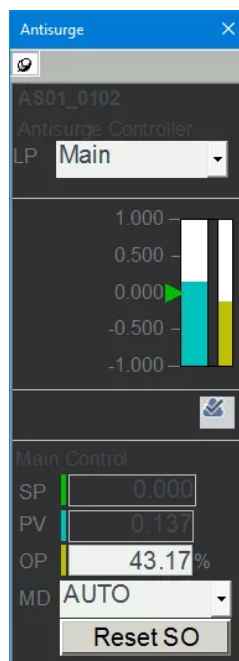


CCC Pro Built Solutions For Experion HMI

CCC Emulator is the simple tool for designing, tuning and testing turbomachinery control with process simulation and directly transfer outcome to site control system to reduce commissioning time and risks.

Overview



Feedback

Overview

CCC Pro Built Solution for Experion HMI provides a set of pre-built, pre-tested, configurable Faceplates for the Experion HMI to enable cost-effective and properly-engineered user interface for operation of CCC Pro Built controllers directly from the Experion HMI displays.

What Is It and how does it work?

CCC Pro Built Solution for Experion HMI package, currently includes Faceplates for Antisurge, Performance, Master, Speed and Extraction control applications.

The Faceplates are built for Experion R432 and higher and feature:

- Standard Modbus List for implementation in Experion SCADA
- Fully engineered and validated HMI components
- User interface design based on Experion HMI solution graphic standard:
 - layout similar to Faceplates for PID loops
 - standard JavaScript
 - support of Cascade Style Sheet
 - context menu for alarm acknowledgment, associated display, etc.
 - shortcut keys
 - tooltips
- User interface designed for the specific features of CCC control applications:
 - Display multiple control loops for CCC control application: primary, alternate, limit 1, limit 2, limit 3, Pressure Override Control
 - Display Actual Operating Mode
 - Commands for discrete and analog values: Auto/Manual, Local/Remote, Set Point, Output

What Problems Does It Solve?

Time-consuming, expensive, one-off integrations of CCC Pro Built controllers with Experion HMI leads to increased integration costs, poor user interface designs, potential bugs and script exceptions, difficult lifecycle support, inconsistency between sites or even within the same site due to multiple engineering subcontractors, ultimately affecting ease of operations.

CCC Pro Built Solution for Experion HMI is complementary to the CCC Pro Built controllers when integrated with Experion HMI and provides the following benefits:

- Reduced engineering hours, lead time and costs for implementation and validation of the integration of CCC Pro Built controllers
- Improved quality of the HMI components and elimination of bugs and script exceptions
- Consistent interface across multiple machines, process units and sites
- Improved user interface for better operability directly from HMI displays, which leads to:
 - Reduced operator training costs
 - Reduced operational risks and potential equipment damages
 - Faster response during times of quick disturbances
- Easier HMI lifecycle management with support provided for upgrade to new releases

Who is it for?

CCC Pro Built controllers with Experion HMI is for end user seeking best integration between their CCC Pro Built controllers and Honeywell Experion PKH Human Machine Interface. Enhanced integration enables operator effectiveness directly from the primary Experion displays.



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