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Submit a request to **SIAssist@honeywell.com**	Access or create an account in **CHAMP**

HIGHLIGHTS

Technical Update Newsletter

The **Technical Update Newsletter** is published on a quarterly basis. This will provide updates about the Modular Systems product portfolio and the System Integrator Program. Below you will also find the important points of contact that can help you resolve your issues.

System Integrators Assist (SIAssist) is set up to support SIs globally. Technical and P&E Support will be provided to **Authorized SIs** during Pre-Bid, Post-Bid and on Ongoing basis. The SIAssist team has expertise in executing projects in various verticals / domains and applications. You can reach out directly to the expert technical team at SIAssist@Honeywell.com for your various needs during the selling and execution of projects.
This year, SIAssist completed more than 50 requests by end of March 2023 and provided support to more than 25 System Integrators.

P&E initiative is progressing well, so far 8 P&E requests have been served in Q1-2023. Under this initiative the SIAssist team will support various types of Modular Systems proposals, ranging from small to large scale.

Digital University

Digital University is a Honeywell Process Solutions new training platform primarily dedicated to the Channel Partners registered for CHAMP. Digital University contains HPS product and solution trainings developed to elevate the technical capabilities of the Channel Partners and it is designed to grow with new and refreshed content.

Refer more details in Product Update section

PRODUCT UPDATES

ControlEdge™ PLC

ControlEdge™ R174 Release – Enhanced connectivity options, IO diagnostics, datalogging features now available

Honeywell's advanced Programmable Logic Controller (PLC) improves control performance while offering greater flexibility and lowering costs. The ControlEdge PLC connectivity story improved further with enhancements added in R174 enabling more direct access to cloud-based applications for visualization and analytics, reduced gateways, more data storage features and easier maintenance resulting in reduced cost and risk. The new features include:

- **Added IO variety with native connectivity to MasterLogic IO family including built-in diagnostics:**
  - DHCP (Dynamic Host Configuration Protocol) support in ControlEdge Builder for automatic IP address configuration of MasterLogic EtherNet/IP IO adapters
  - Hot Swap of IO modules for online removal and insertion
  - Hardware Diagnostics status of ML IO modules visible in ControlEdge Builder
- **Improved Network support for IIoT Applications like Cloud dashboards, Remote monitoring, and Edge Analytics through**
  - MQTT Protocol enhancement:
    - Store and Forward function (Event storage in buffer and backfill of history to host such as SCADA)
    - DNS (Domain Name System) based addressing for broker URL addresses
    - Multi-Gateway (Static Routing) setting for PLC Ethernet ports Eth1 and Eth2
- **Redundant Universal IO with added HART functionality**
  - UIO connected HART Device diagnostics/ data can now be viewed on FDM and accessed through ControlEdge Builder
- Enhanced remote communications for SCADA telecontrol applications in electrical power systems with support for IEC60870-5-104 outstation, especially benefitting regions like Middle East and Europe

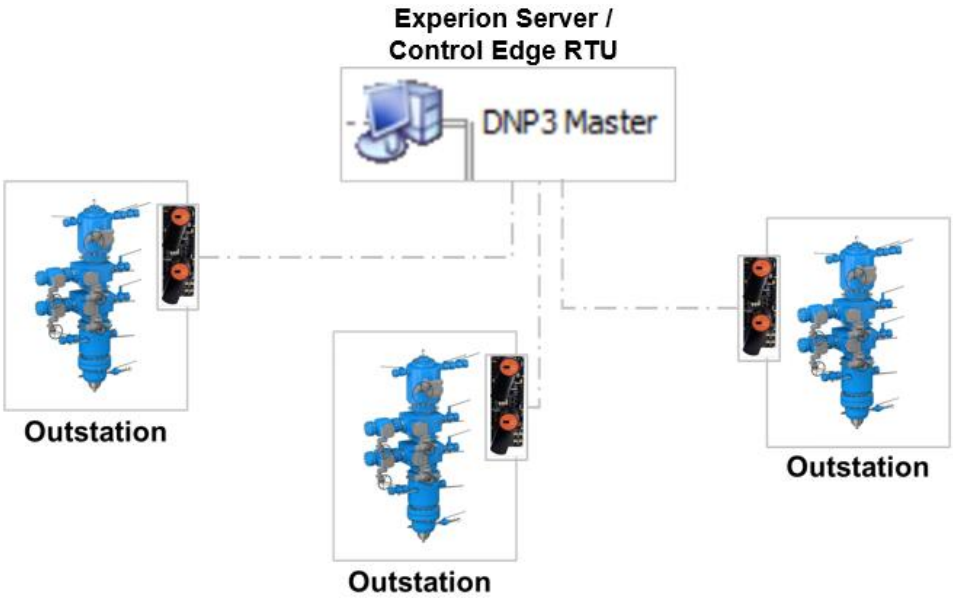
- Datalogging functionality to record data locally for standalone or as a backup-data source to a Historian or SCADA
    - Variables can be logged (at multiple time rates) with timestamp and stored in controller flash/ SD card and retrieved as .csv files for use in reporting, troubleshooting etc.

Safety Manager SC

The latest release R212 is a functional release adding the following functional enhancements:

New controller module – FC-SCNT02

- The FC-SCNT02 module can replace the FC-SCNT01 module online.
- The FC-SCNT02 module can be used as spare part for the FC-SCNT01 module
- The FC-SCNT02 module will function same as the FC-SCNT01 module.
- The FC-SCNT02 module will function with the other FC-SCNT01 module in the redundant SMSC Controller.
- The FC-SCNT02 is supported from Safety Manager SC release R200.2 and higher.

DNP3 Protocol Outstation support:

- DNP3 protocol available in R212.
- New controller module (FC-SCNT02) is required.
- Safety Manager SC can act as an Outstation.
- Experion Server or Control Edge RTU can act as an DNP3 Master.
- DNP3 protocol is a licensed feature in Safety Builder