



## **S4 Open Appliances Update**

Several BACnet-N2 Router sites went into production status this month representing interfaces to Honeywell Webs and TAC CyberStation. Interoperability testing continues with most other BACnet clients with the main emphasis on BACnet discovery and segmentation support. Data transfer support has been solid for multiple months providing the base upon which all other features are evolving. One of our integrator partners added Trane Tracer Summit to the list of interfaces that they are testing in their facilities. We've added Delta ORCAview to the S4 test lab capabilities and have initiated testing in conjunction with both a Delta Dealer and Delta corporate support. We expect most of the works in process to move to field test sites within the next month.

OPC-N2 Router interoperability testing has started with Canary Labs and their suite of products. Interest in OPC integration continues to grow as traditional process control and industrial automation companies put more emphasis on the building automation marketplace and in integrating manufacturing processes with supporting HVAC and infrastructure systems. Our case study this month features an OPC-based integration.

The past several months we've been discussing the smaller versions of the S4 Open appliances supporting 16, 32, 64, or 128 N2 devices. We are anxious to get started on testing these systems but all available resources are dedicated to the BACnet interoperability testing. As soon as the bulk of this activity is completed testing of the smaller appliances will get underway.

Next in the development queue are several generic integrations that will be available for both the BACnet-N2 Router and the OPC-N2 Router.

- OPC device integration to BACnet IP or Metasys N2 interfaces
- SNMP device integration to BACnet IP, OPC, or Metasys N2 interfaces
- ModBus device integration to BACnet IP, OPC, or Metasys N2 interfaces
- BACnet IP device integration to OPC or Metasys N2 interfaces

Design work and test bed setup are underway for several additional legacy BAS interfaces. In most cases we're finding that the associated head end systems are so antiquated that we will not be investigating in the development of upstream interfaces as we did with the legacy Metasys N2 systems. Please let us know if you have specific needs. The order that we work on these additional integrations will depend on the installed base of systems, the estimated useful life of the field gear, and to a large extent what we hear from our partners about your needs.