

Heliodyne has been a pioneer in solar hot water systems since 1976. Their innovative designs and dedicated support network has made them a leader in their industry. The Heliodyne Delta-T Pro Controller is designed to regulate the operation of a solar hot water system by monitoring collector and storage temperatures and automatically turning pumps on or off when the right temperature is reached. The controller also provides additional functions including system freeze protection, storage tank high-limit shut-off and collector temperature operation.



The Delta-T Pro Controllers provide either Modbus RTU or Modbus TCP/IP read-only sensor and performance data output. However, they had many requests for interface to other building automation systems that required BACnet, LonWorks or other communication. This California based company came to Sierra Monitor because of our strong reputation in providing BACnet gateway solutions. They recognized that partnering with FieldServer for their interface requirements met that they would have a system that their customers could trust to provide the input they needed for their operation.

In addition to FieldServer’s interface reputation, they also appreciated the “Profiles” features of the FieldServer gateway. Each QuickServer gateway would have the Heliodyne profile already installed on shipment, making it easy and quick for the Heliodyne installers to connect to the Delta-T Pro Controller and immediately provide the interface solution demanded by their customers. With the QuickServer gateway and the Heliodyne profile, they only needed to stock two SKU items, one for serial/Ethernet interface for such protocols as BACnet, XML, Metasys N2 and others, plus one for LonWorks requirements.

Heliodyne also appreciated the dual serial port functionality of the QuickServer, enabling them to easily handle Modbus RTU to BACnet MS/TP applications.

