



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.



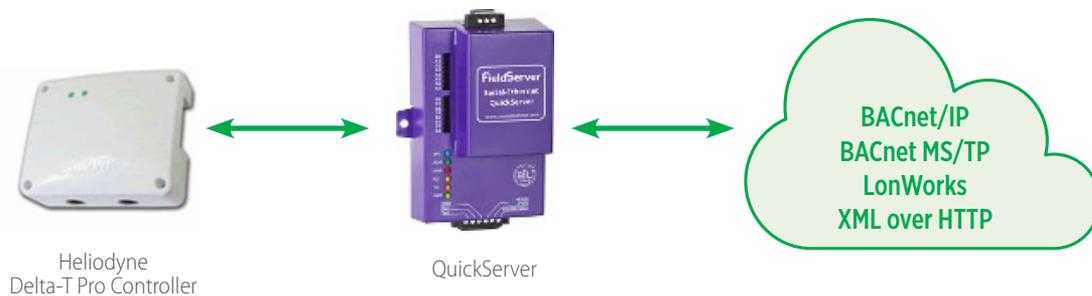
The Delta-T Pro Controllers provide either Modbus RTU or Modbus TCP/IP read-only sensor and performance data output. However, they had many requests for interface to other building automation systems that required BACnet, LonWorks or other communication. This California based company came to Sierra Monitor 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.

Heliodyne Connectivity to Third Parties

Sierra Monitor connects the Delta controller from the Heliodyne to third party system for monitoring & control of the hot water system, typically in commercial applications when the project requirement is to connect up to the building or plant automation system.



Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice.

MSA operates in over 40 countries worldwide. To find an MSA office near you, please visit MSAsafety.com/offices.