

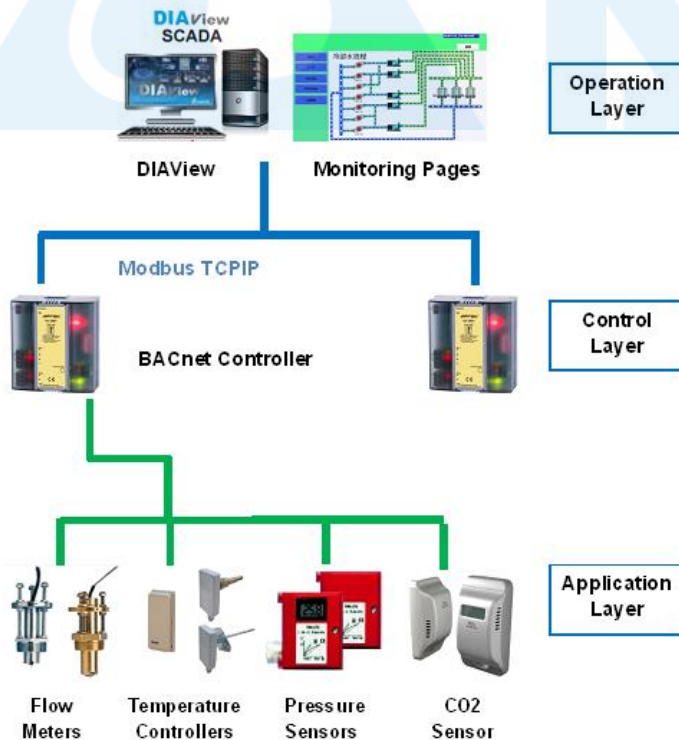
Case	The Delta DIAView SCADA System for Building HVAC System Monitoring and Control				
Issued by	Solution Center	Date	July, 2016	Pages	2
Applicable to	DIAView SCADA System				
Key words	DIAView, Industry 4.0, BACnet, HVAC, SCADA (Supervisory Control And Data Acquisition)				

The Delta DIAView SCADA System provides highly effective real-time monitoring and control functions for building HVAC systems. The solution features a simple structure and easy-to-use software interfaces. It also supports remote monitoring and control.

[Application Introduction]

This project adopts Delta's DIAView SCADA System in a building HVAC system for real-time environmental conditions and equipment status monitoring and control. In the Delta solution structure, control and field devices in the HVAC system such as AC motor drives, pressure sensors and temperature controllers acquire real-time data and transfer it to the BACnet controllers for data collection. The Delta DIAView works in the operation layer to execute data exchange with the BACnet controllers through the communication protocol of Modbus TCP/IP. The solution not only achieves real-time monitoring and remote control, but also delivers a simple and easy-to-manage system structure.

[Delta Solution System Structure]



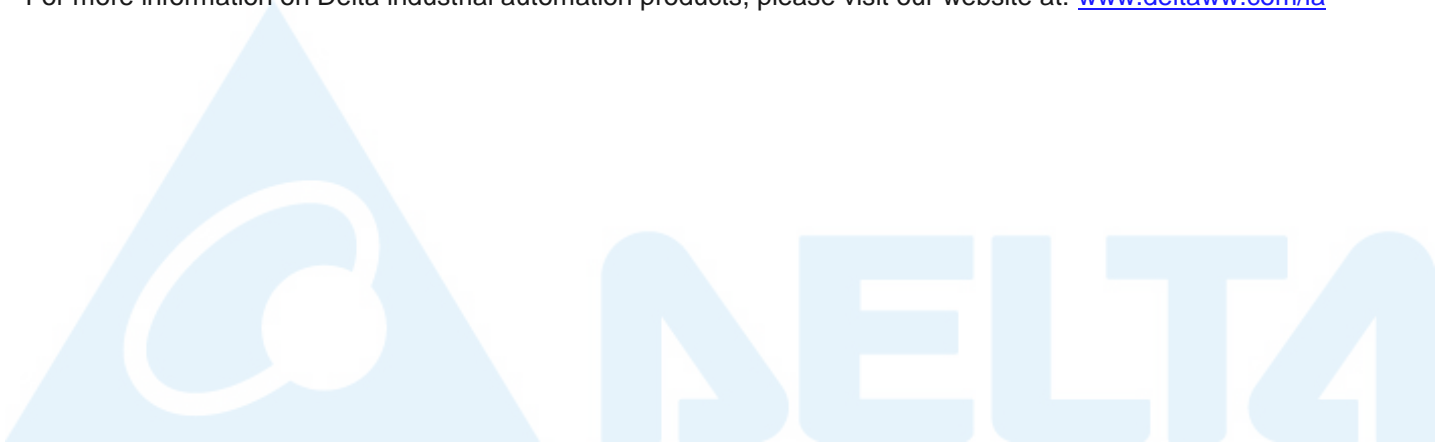
- Field devices from the application layer transfer real-time data to the BACnet Controllers.
- BACnet controllers convert data into MODBUS communication, and share with Delta's DIAView via Modbus TCP/IP.

With solid experience and advanced technology, Delta Industrial Automation offers efficient and reliable solutions and service – we are your most trustworthy partner.

[Delta Solution Benefits]

- **High Flexibility:** Delta's DIAView supports various industrial communication protocols. It provides seamless integration with Delta's PLC products and I/O modules and also supports products from other brands including OPC, SIEMENS, OMRON and Mitsubishi.
- **Easy and Reliable Software Operation:** The Delta DIAView features intuitive operation and easy-to-navigate interfaces. In addition, the DIAView system also provides reliable user authority management for different levels of management.
- **Convenient Parameter Setup:** Users can use the import and export functions from Excel to easily edit parameters.

For more information on Delta industrial automation products, please visit our website at: www.deltaww.com/ia



With solid experience and advanced technology, Delta Industrial Automation offers efficient and reliable solutions and service – we are your most trustworthy partner.