

Thermal Solutions Communications Gateway (TSCG)

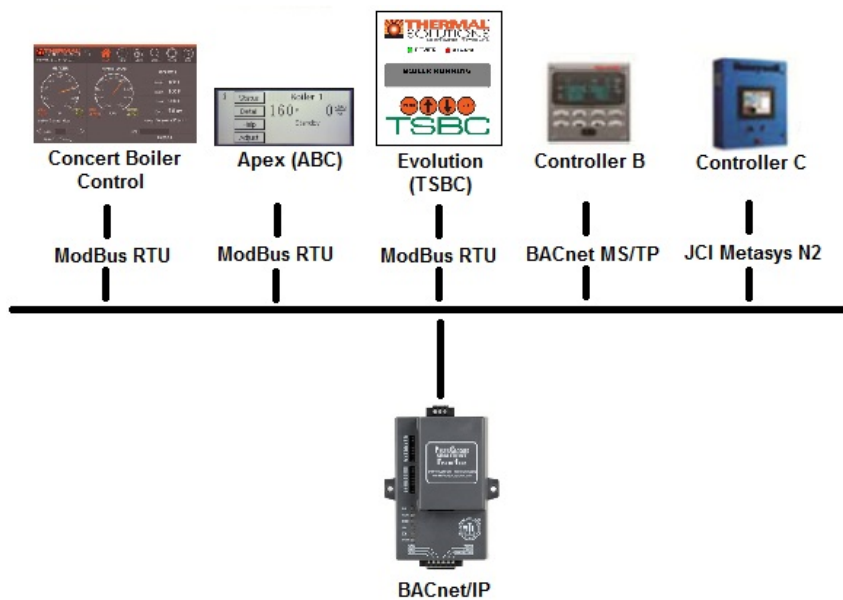
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FieldServer ProtoNode



The Thermal Solutions Communications Gateway provides a virtual “plug-and play” multi-protocol, multi-configuration gateway package that allows selection of a variety of communication protocols and configurations from one device...**simply by selecting the proper DIP switches!**

The TSCG is a state-of-the-art Building Automation System (BAS) communication gateway capable of providing protocol translation between Serial, Ethernet or LonWorks environments. Available communication Protocols using the ProtoNode RER Module include BACnet/IP, BACnet MS/TP, Johnson Controls Metasys N2, Modbus TCP. LonWorks communication is accomplished using the ProtoNode LER Module.



Multiple Inputs - Single Output

The TSCG can accept an input from multiple control devices, all using different communication protocols, and deliver one common output protocol. However, the primary input will always be the Modbus RTU data being transmitted from our various boiler controller platforms.

The multi-client and multi-server support provides interoperability between any industrial and/or Building Automation protocols.

Multiple Hardware Solutions

Interfacing with the TSCG is easily accomplished using any of the following...*RS-232, RS-485, RS-422, Ethernet or LonWorks.*

Configuration Auto-Selector

The TSCG contains multiple preloaded and pre-tested configuration files. The user need only select the configuration required for the specific application using the S Bank of DIP switches.

