



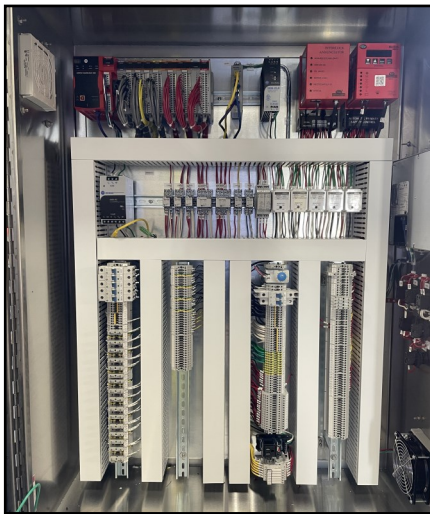
Rentals • Sales • Parts
24/7 • (800) 227-1966

Open Source - Non Proprietary - Customizable

The Eagle One PLC-Based Boiler Control System

The Eagle is an open source, non-proprietary, and customizable Boiler Control System (BCS) designed with the user in mind. Nationwide Control Solutions curated a product that offers reliable, proven performance, ease of commissioning, and optimal operation.

The Eagle One BCS meets or exceeds existing boiler control systems with only high-quality, industry standard components. Unlike many other integrators, Nationwide Control Solutions utilizes open-source programming for the HMI and PLC, meaning that configuration programs are not



locked up with proprietary passwords and protocols. Built to provide an easier method of operation, all air/fuel ratio 10pt curves are entered through a single HMI screen that displays the

data required for burner tuning. This includes steam pressure (or outlet temperature), drum level, and percent oxygen. Plus, every Eagle BCS offers some level of customization—customer logos on the HMI, modification of panel layouts, etc., and upgrade options including a stainless steel enclosure, climate controls, larger screen ControlLogix PLC, and more.

Contact Nationwide Control Solutions today to learn more about how The Eagle One BCS can benefit the overall operation of your new or existing boiler plant.



Standard Eagle BCS Features

- NEMA 4 Powder Coated Steel Enclosure
- 10" Touchscreen HMI
- All System Configuration And Tuning Accomplished via Password Protected HMI Screens
- Fireye BurnerLogix BMS is Fully Integrated into the PLC via Modbus
- UV, UV Self-Check, or IR
- Steam Pressure or Hot Water Temp Control
- 5-port Unmanaged Ethernet Switch
- Gas or Oil Fuel Operation
- Allen Bradley CompactLogix PLC Based CCS (Fuel/Air Ratio Control with Parallel Position, or Position Feedback/Fully Metered Control)
- Fireye FX Actuators or 4-20mA Controlled Actuators
- Combustion Air Blower Motor VFD Interface
- I/O for Single or 3 Element Level Control with 4-20ma Interface



42400 Christy Street / Fremont, CA 94538 / (510) 490-7100 / www.nationwideboiler.com / info@nationwideboiler.com

True Nationwide Coverage & Beyond. Representatives Located Worldwide.