

A close-up photograph of a person wearing a bright yellow-green safety vest and a white hard hat, holding the hard hat with their hands. The background is a blurred cityscape at sunset or sunrise.

We Have You Covered.

Purchasing and supporting a control system is just the beginning. Automation Evolution's highly skilled, professional service and support team helps you get the most from your investment. Our expertise and access to a vast supply of parts ensures that your system performs to a higher standard.

Annual Service Contracts

For an annual fee, our factory trained field technicians will visit your site throughout the year.

Services include, but are not limited to:

- System evaluations
- Maintenance and diagnostics of control equipment and SCADA systems
- Instrumentation calibration with NIST traceable test calibration equipment
- Reports on calibration parameters
- Program backups and data storage maintenance
- Troubleshooting and diagnostics of field instrumentation
- Boiler combustion profiles and emission testing reports
- MACT/GACT Compliance testing and reporting
- Spare parts and documentation audit
- Operator and system maintenance training

Maintain or Migrate?

Whether you have a service contract or prefer a single service visit, we offer on-site preventive maintenance. Automation Evolution realizes that each customer's situation is unique. We work closely with you and the original equipment manufacturers to customize a cost-effective plan.

Legacy support is our specialty. We analyze your existing system to determine which hardware will be maintained, and what applications should be migrated (controllers, field wiring and terminations, hardware, etc). We work with you to understand critical factors you face such as shutdown or other time constraints.

A step-by-step migration plan is created for:

- DCS, PLC, Multi Loop Controllers and I/O
- Operator Interfaces
- Engineering Tools
- Information Management

Examples of platforms supported include:

- ABB Advant
- Allen-Bradley
- Bailey
- Iconics
- Modicon
- Moore
- Siemens
- Wonderware



Field Service and Repair

Our field service professionals have decades of total process control experience with on-site repairs. Whether it is equipment issues or process design, we will get you up and running.

Support provided:

- Review of existing installations
- Field instrument calibration
- Installation and commissioning
- Startup and troubleshooting
- Preventive maintenance and on-site training



Custom Engineered Solutions and Integration

System modifications and reliable, cost-effective boiler control are critical to your facility's performance and productivity. Regulating the steam production process is a difficult and on-going task. Changing production demands, rising fuel costs, shrinking budgets and internal staff reduction — these factors all complicate your challenge. Boiler system downtime is a very expensive problem.

Boiler controls need to:

- Keep your boilers running safely and at peak performance
- Maximize energy efficiency and cost savings
- Accommodate changing demands
- Be easy to update and maintain
- Meet control emission levels
- Provide a low cost of ownership



Pre-engineered Boiler Control Solutions

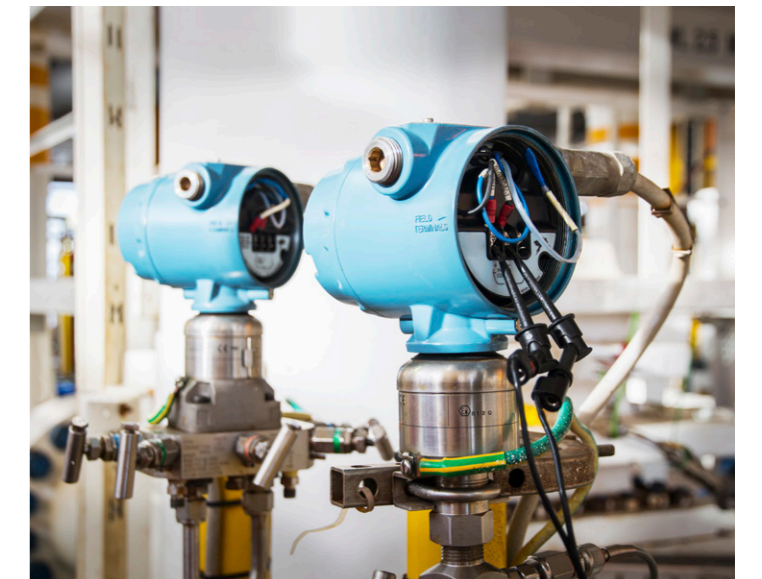
Depend on Automation Evolution's pre-engineered, field proven, control configurations to simplify your selection and implementation.

With expertise in boiler and burner operation and control, we offer an industry-leading portfolio of pre-engineered boiler control packages. These "plug-and-play" solutions use simple menu-driven formats, for easy set-up. Many field selectable features are standard. Customer suggestions have enhanced our solutions.

Custom control packages:

- Optimize combustion, drum level and feedwater, burner management, and balance-of-plant requirements
- Maximize your energy savings and reduce emission levels
- Are flexible and a foundation for expansion
- Increase ROI with savings that improve your bottom line and preserve your investment

Whether you choose a pre-engineered package or a custom solution, Automation Evolution will maximize your investment. Our goals are your goals, we keep your plant operational and running at its best.



Boiler MACT / GACT Compliance

Automation Evolution ensures your industrial, commercial, and institutional boilers meet the Maximum Achievable Control Technology (MACT) and Generally Available Control Technology (GACT) standards. We work with your team and equipment suppliers to identify the tasks necessary to comply with these standards from a control system standpoint.

- Fuel/Air Ratio system inspection & calibration
- "Before & after" stack gas measurements
- Combustion curve testing
- On-site and off-site documentation maintenance



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