

Case Study

Furnace Setpoint Controls

Company Profile

This customer is a super-heavy forging plant and a leader in the production of open-die forgings.

Challenge

A metal forging company was using a 1980s vintage setpoint and temperature controller to control their furnaces and processing equipment. Past its useful life expectancy, the controller was beginning to fail and could not provide the controls needed to maintain end product quality.

Solution

Rawson/Industrial Controls replaced the aged control system with a modern, modular ramp/soak profile controller with a 15" touchscreen HMI.

Results

The new system not only added more accurate control but offered modern features, such as trending, alarm management, and historical data collection. The touchscreen not only emulates the operation of the previous system so the operators could retain a comfort level with the system but also added a more user-friendly, flexible operating environment.

With a broad range of control products from distributed control systems to PLCs to modular controllers, Rawson/Industrial Controls was positioned to choose the best control strategy for the customer's process rather than trying to fit a solution to a singular product. Our engineering team executed these systems and trained our customer to take ownership of them once the project was complete.

