

Compressor Temperature Monitoring and Alarming

Company Profile

A major producer of polypropylene, polystyrene, styrene, base chemicals and polyethylene in the United States. Its refinery produces transportation fuels and other petroleum-based products for the global market.

Challenge

The existing monitoring system had exceeded its product life and the controller had been obsolete by the manufacturer. In addition, intermittent failures required replacement and physical installation was also a concern. Limited panel space was major consideration for any replacement product.

Solution

The Red Lion Graphite product provided a modern, touchscreen interface, along with a modular IO product offering. This allowed for exact duplication of the existing IO requirements. The Rawson/Industrial Controls Engineered Solutions team was able to mimic the look and feel of existing operator interface, which minimized the operator's learning curve. The controller was also provided with a custom made adapter plate which made the Red Lion a "drop in" solution.

Results

The customer was faced with a serious concern for replacement of a critical alarming monitoring component. The custom Engineered Solution provided a functional equivalent of the obsolete component and is ready for years of service. Additionally, the modernization allows for real time and historical trending and data retention.

