# **Protecting Compressors**

# from Failure and Shutdown

### FISHER® VALVES AND ANTISURGE CONTROL

Often times, the cost associated with a plant shutdown due to a machine trip can be measured in seven figures per day. With system availability and reliability so crucial to the overall success of an operation, properly designed anti-surge control systems must be configured in a manner where all components are working together to eliminate the risk of mechanical failure or shutdown of the turbomachinery.

At Compressor Controls Corporation and Emerson, we believe the greatest value we provide our customers is our expertise around the entire process that ultimately delivers the reliability they're counting on. It's this expertise and like-minded, solution-oriented approach that has led to the development of the Optimized Antisurge Control Simulator.



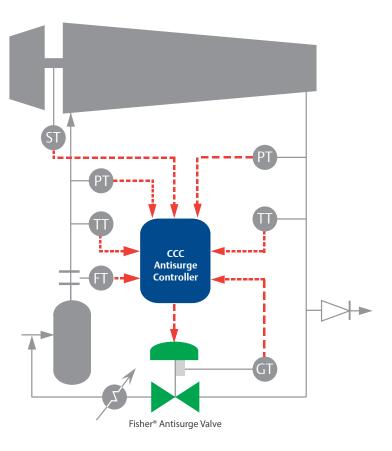


### **REDUCE PLANT SHUTDOWNS**

- Improve failure detection with quick and easy diagnostics
- Maintain your operation with fallback strategies that help you in case of transmitter failure
- Minimize risk of shutdown with embedded CCC control applications functionality and engineering solutions

## **IMPROVE PLANT EFFICIENCY**

- Increase overall unit efficiency by reducing or eliminating unnecessary recycling
- Balance load between compressor trains with advanced and proven load sharing algorithms
- Reduce risk of trips with advanced control algorithms, including feed-forward control, Pressure Override Control (POC), and Loop Decoupling



#### Learn More



**Schedule an appointment** with a CCC or Fisher expert and see the Optimized Antisurge Control Simulator in-person. Click or scan to find a CCC or Fisher representative near you.



**Watch a video** that highlights the precision and speed at which the Fisher valve and CCC control system work together to keep the process running at maximum efficiency.

#### Emerson Process Management, Fisher

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