

Compressor Control



Solutions for Rotating Machinery Control & Safety

Case RMC (CRMC) provides new or upgraded Compressor Control and Protection using trusted stand-alone platforms, or by integrating them into users' existing platforms.

CRMC applications can be implemented for compressors that are driven by any prime mover, including electric motors, steam turbines, and combustion turbines. In the case of turbine driven units, it is also common for CRMC to provide an integrated Turbine Control / Compressor Control solution.

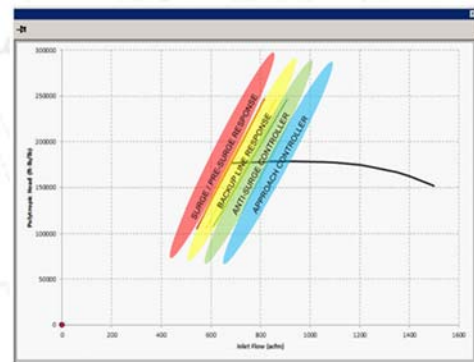
Avoiding the "Black Box"

For many years, continuing through today, compressor controls have typically been performed by a "black box" – leaving Operators and Engineers blind to what is happening within the control and to their process.

CRMC's solution eliminates this issue. With our solution, you can see **exactly** what is happening within your system and make changes if necessary. Processes are not static. Your control system should be adaptable to any new conditions.

Compressor Control Highlights

- CRMC's custom supplied logic starts with the functionality that is typical to the user's industry, and then custom tailored to each user's application and requirements
 - This design process vastly increases both the functionality and tunability of the control system
- Typical functionality (application / industry dependent):
 - Anti-Surge Control (with compensation for gas variability)
 - Process Controls and Limiters, as required, for:
 - Gas System Load / Capacity
 - Suction / Discharge Pressure
 - Discharge Temperature
 - Drum Level / Temperature & Quench
 - Electrical Load Limiting (motor drives)
 - Other Process Controls & Constraints
 - Multiple Unit Supervisory Control & Loadsharing
 - Interlocks & Permissives (as pertinent to unit)



Four Control "Points" for Anti-Surge Protection

Experience you can build on since 1981

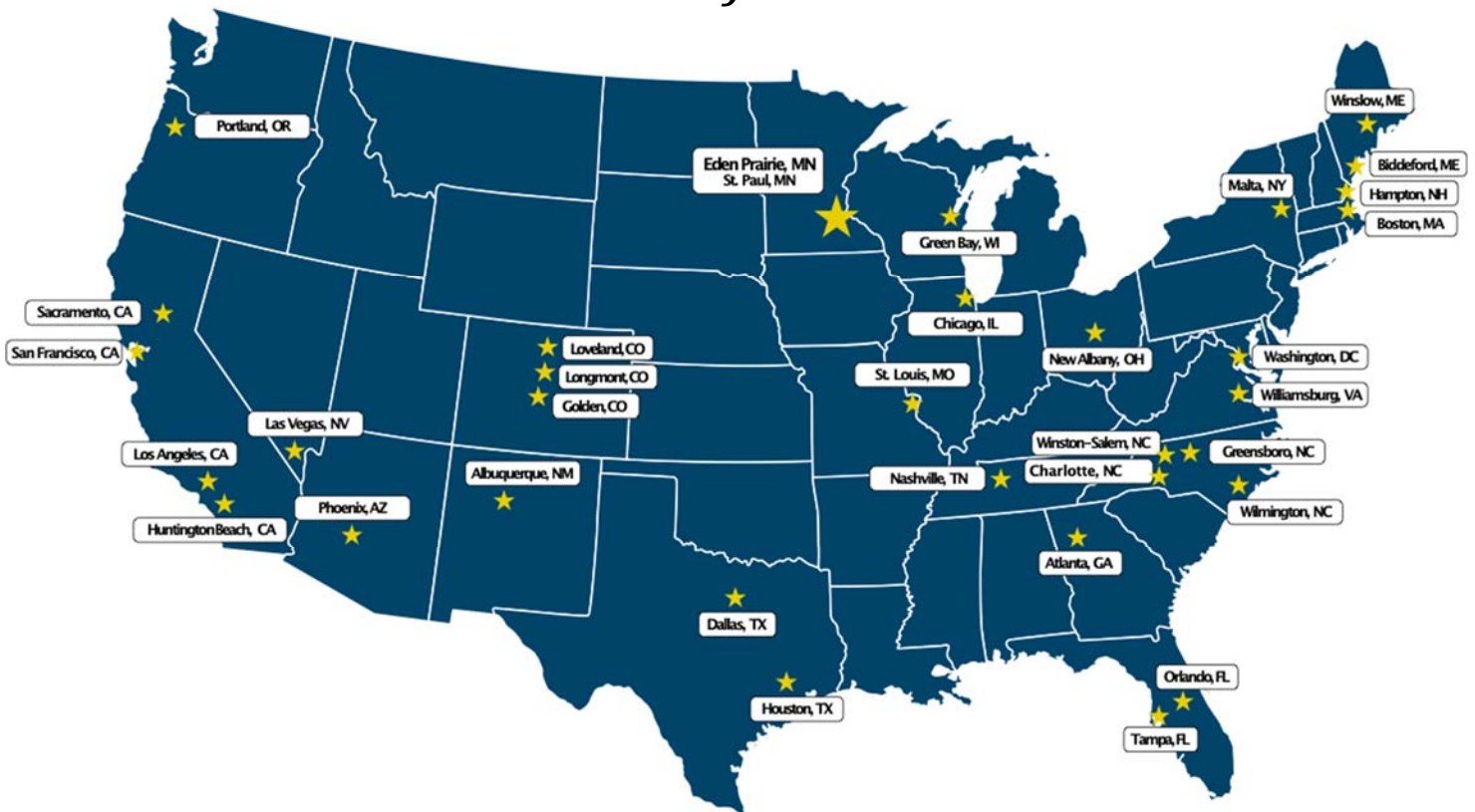
CASE RMC with Wunderlich-Malec offers clients complete control solutions for most power generation and industrial plants with turbines and compressors. By managing a more complete scope clients are freed from coordinating multiple vendors.

As an experienced engineering company with offices throughout the United States, we are uniquely qualified to *deliver value engineering services that lower costs, improve quality and accelerate project schedules.*

With over 500 experienced professionals, our team is one of the largest and most well-established engineering, system integration and process automation providers in North America;

- Architect Design
- Mechanical Design
- Power Electrical Design
- Controls and Automation
- Environmental Compliance
- Realtime Documentation
- System Integration
- Mechanical Fabrication
- Process Skids
- Power Distribution Control
- Modular Control Enclosures
- Plug & Play Construction

Centers of Excellence



Wunderlich-Malec
6101 Blue Circle Drive
Eden Prairie, Minnesota 55343
Ph: (952) 933-3222
Fx: (952) 933-0608
www.wmeng.com

CASE RMC
5857 Wright Drive
Loveland, CO 80538
Ph: (970) 776-8657
Fx: (970) 776-8658
www.wmeng.com/case-rmc/

©Wunderlich-Malec, 2019. All rights reserved.