



# AUTOMATION & CONTROLS

## OPTIMIZE PERFORMANCE THROUGH ADVANCED AUTOMATION

Maximize efficiency and minimize downtime through advanced controls from the leaders in industrial refrigeration. Whether it's a new installation or the expansion of an existing system, Stellar's experienced automation engineers work closely with our refrigeration and mechanical experts to provide automation solutions for:

- **REFRIGERATION SYSTEMS** - compressors, condensers, chillers, vessels
- **MECHANICAL SYSTEMS** - variable frequency drives, air handling units, modular machine rooms, boilers, heat exchangers
- **ENERGY SYSTEMS** - turbine inlet air chilling, district cooling, modular utility plants
- **SUPERVISORY APPLICATIONS** - SCADA/remote monitoring

### TURNKEY AUTOMATION SERVICES



DESIGN



STARTUP &  
COMMISSIONING



REMOTE MONITORING



FABRICATION



SYSTEM OPTIMIZATION



TROUBLESHOOTING



INSTALLATION



24/7 EMERGENCY REPAIR & CONSULTING

## A SINGLE SOURCE FOR ALL YOUR NEEDS

As equipment becomes more complex and knowledgeable technicians become harder to find, Stellar provides centuries of refrigeration and mechanical expertise from a single source. Our highly trained professionals go beyond system integration to provide a comprehensive list of services — from refrigeration design and installation to routine maintenance and replacement parts.



Leveraging our experience in automation and controls for more than 500 systems, we're uniquely positioned to provide extensive knowledge on optimizing your utility system.

# REDUCE SYSTEM DOWNTIME

The Stellar team has the expertise and in-depth knowledge to optimize system performance through precision. Our customized solutions monitor and control systems and increase productivity by providing:

- Energy/water reduction solutions
- Sustainability management systems
- Redundant system solutions
- Fault-tolerant systems
- Preventive/predictive solutions
- Status reports, trends analysis, alarm logs and energy management data for real-time or later use
- SCADA to inform operating decisions
- Alarm management solutions
- Remote monitoring through direct dial-up, Internet, frame or VPN from open systems
- Controls designed with Rockwell Automation (Allen Bradley), GE Intelligent Platforms, and Wonderware
- Control panels fabricated in a UL 508a shop



## STELLAR'S STAR AUTOMATION SUPPORT

With Star Automation Support, one call gives customers access to the entire Stellar network of refrigeration and mechanical experts. Our automation engineers are available 24/7 to provide remote monitoring and troubleshooting for your industrial refrigeration system.

# ADVANCING THE INDUSTRY

Through partnerships and industry involvement, our automation experts stay on the cutting edge of sophisticated control systems for industrial facilities.

- Only Rockwell Automation Preferred Solution Partner in industrial refrigeration
- Wonderware System Integrator Program
- General Electric Intelligent Platforms Premier Solution Provider
- Member of the Control System Integrators Association (CSIA)



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