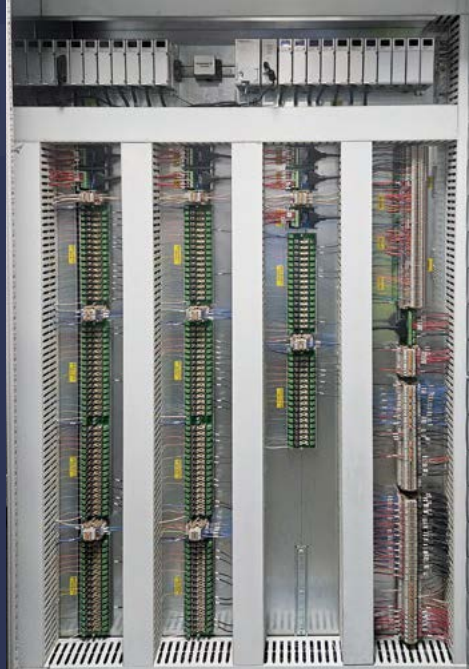


CONTROLS THAT MAKE EVERY KILOWATT COUNT.

At Innovative, we understand that no two industrial refrigeration systems operate the same way. With more than 30 years of experience, we design control cabinets that are customized to each facility's needs and built for full system integration. Using advanced technology and a system-wide controls approach, our controls help synergize equipment, automation, and operating data together for smarter, more efficient refrigeration performance.



Ability to Retrofit open-protocol control panels into existing refrigeration systems.



Energy Management optimized for peak efficiency.



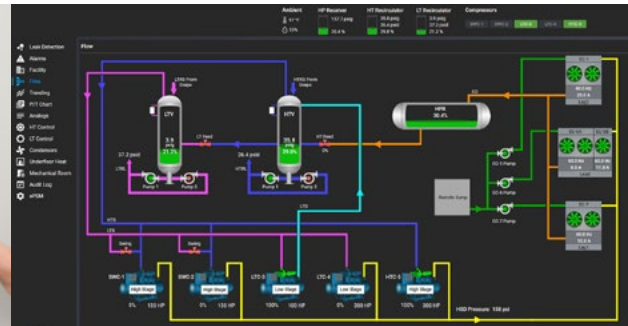
Temperature Monitoring and Alarming — user definable high and low alarm limits for text and email alerts.



Custom Features & API Integrations built around individual system and customer requirements.

IMPROVE ENERGY EFFICIENCY BY

9.2%



Defrost Control — run time based for energy efficiency with user selectable groups for operational flexibility.

Evaporative Condenser Staging and Wet Bulb Pressure Control for maximum system efficiency.

Compressor Staging — integrated capacity and VFD speed control to automatically adjust compression to match refrigeration demand.

Refrigerant Pump Monitoring and Cavitation Prevention Logic for pump protection.

Historical Data with multiple customizable trending views for troubleshooting and system monitoring.

PANEL FEATURES

All of our control panels are UL-508A listed in both the US and Canada, are Hi-Pot tested, function pre-tested and rigorously quality controlled to simplify startup and lower field costs.

Interfaces for screw compressors, and numerous other devices using ethernet, modbus, OPC, bluetooth, and DeviceNet.

Systems are created using non-proprietary hardware and commercially available software.

New panels can be designed for retrofit application to modernize controls infrastructure.

LET'S OPTIMIZE YOUR SYSTEM

Contact us today to learn how our controls can lower energy use, improve visibility, and sustain peak refrigeration efficiency.


INNOVATIVE
 REFRIGERATION SYSTEMS, INC.