

OpenBlue Connected Industrial Refrigeration

Smart Connected Industrial Refrigeration Equipment provide system performance visibility



Push your Industrial Refrigeration Equipment to its full potential by turning data into actionable insights.

Connected equipment and devices have changed the way we maintain our critical facility assets. Big data and cloud analytics create actionable intelligence by providing greater visibility on operational trends and system performance. Using data and insights to develop the right maintenance strategy can help reduce energy consumption, extend asset life, and increase uptime.

Connected services designed to strengthen your team

Johnson Controls believes near-real-time data is essential for delivering the maintenance strategies of tomorrow. It is so fundamental to how we deliver service that we have developed scalable digital solutions to make our Industrial Refrigeration equipment easy to connect.

Once connected, our field experts will use the advanced analytic capabilities to understand your equipment performance, troubleshoot issues, and prioritize actions that address developing issues at your facility.

Customers that use Connected Services experience:



66% reduction in unplanned/emergency repairs



65% reduction in mean time to repair

Connecting your Industrial Refrigeration equipment enhances your operations. You'll have access to:

- Active and real-time 24/7 diagnostics at your fingertips
- Expert diagnostics powered by cutting-edge digital capabilities
- Historical data from first day of connection
- Diagnostic trends allow comparison to design intent and historical operation
- Predictive analytics designed to uncover potential issues early

The smart way to manage your Industrial Refrigeration equipment

Our approach provides:

- Greater visibility into equipment performance via defaulted and customized dashboards
- Advanced, preventive, and predictive maintenance based on asset condition assessments
- Non-invasive early detection of issues including tube degradation, refrigerant leaks and contamination, and motor and oil pressures
- Remote root-cause analysis
- Access to deep expertise from local factory-trained experts who work with centralized support team to support your on-site maintenance needs



What equipment can be connected?

All our Industrial Refrigeration equipment from Johnson Controls can be easily connected, i.e. FRICK®, SABROE® or YORK® Process Systems.

In addition, thanks that our digital solutions support open and standard Industrial Communications protocols like Modbus and OPC-UA we are able to do data-acquisition from other OEM brands equipment, as well as PLCs or SCADA systems.



OpenBlue

OpenBlue is a complete suite of connected solutions that serves industries from workplaces to schools, hospitals to campuses, and many more. This platform includes tailored, AI-infused service solutions such as remote diagnostics, predictive maintenance, compliance monitoring, and advanced risk assessments. A dynamic new space from Johnson Controls, OpenBlue is how buildings come alive.

To read more about OpenBlue Cloud, visit:
www.johnsoncontrols.com/OpenBlue

Choose Johnson Controls

Whether you simply need access to your smart chiller data or need our experts to augment your in-house team, Johnson Controls has a Connected Chiller Service Agreement that is right for you.

