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# Helmer's i.C3<sup>®</sup> Advanced Information Center — Powerful, Intuitive, Secure

Integrated intelligent diagnostic information, temperature data, and security features combine to optimize performance and efficiency at the touch of a finger.

**General Manager:** Matt Barga

**Sales Leader:** Betsy Cox

Toll-Free Phone: (800) 743-5637

Address: 14400 Bergen Boulevard  
Noblesville, IN 46060

Website: [www.helmerinc.com](http://www.helmerinc.com)



## Company Background

Helmer Scientific, now part of Trane Technologies Life Science Solutions, is a U.S.-based manufacturer and worldwide distributor of medical-grade cold storage and laboratory processing equipment. We have over 45 years of experience in providing high-quality temperature-controlled environments, with our products being used in over 125 countries. Precise temperature performance and control are essential to the successful storage of pharmaceuticals, and Helmer cold storage products are designed and developed with these considerations.

## Product Overview

The i.C3<sup>®</sup> Information Center delivers real-time intelligent diagnostic information and temperature data, while providing security features to keep your inventory safe.

Integrated into i.Series<sup>®</sup> +4°C refrigerators, -30°C freezers, and -80°C ultra-low temperature freezers, the i.C3<sup>®</sup> Information Center provides a robust suite of features to optimize the world-class medical-grade refrigeration technology pharmacists have come to expect from Helmer.

### ■ Real-Time Monitoring

The i.C3<sup>®</sup> Information Center provides intuitive real-time monitoring at a glance. This includes high-level and comprehensive current and historical performance data.

- Current Temperature
- Current Alarm Conditions
- Unacknowledged Alarm Conditions
- Minimum/Maximum Temperatures
- Historical Temperature Data

### ■ Enhanced Alarm Capabilities

Users can view, acknowledge, and review alarm conditions in real-time. The event acknowledgement function captures corrective action with the necessary signature, date, and time stamps required for most SOPs.

The internal event log can display the 100 most recent events, and provide detailed information about specific events, including:

- Alarm Type
- Alarm Start/End Date and Time
- Minimum/Maximum Temperature Readings for Temperature and Compressor Probes

### ■ Advanced Reporting Features

The i.C3<sup>®</sup> offers the ability to review historical temperature, alarm, and other performance data on-screen, or via export. Users can export up to 10 years of historical log data via CSV file or PDF reports.

### ■ FDA-Recognized Cybersecurity Conformity

The i.C3<sup>®</sup> Information Center has passed cybersecurity vulnerability testing aligned with OWASP MSTG and in conformity with UL 2900-2-1 connected medical device cybersecurity standards.

The UL 2900-2-1 cybersecurity standard for connected medical devices has been officially recognized by the FDA and granted consensus status by ANSI.

## Contact Information

Contact a Helmer Scientific sales representative at [sales@helmerinc.com](mailto:sales@helmerinc.com).