

# The Controller

## April



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“Advanced technological solutions at an affordable cost.”

### Inside this issue:

P1-IIAR Expo

P2-Training, History of IIAR

P3-The best time to upgrade is now

P4- Company information

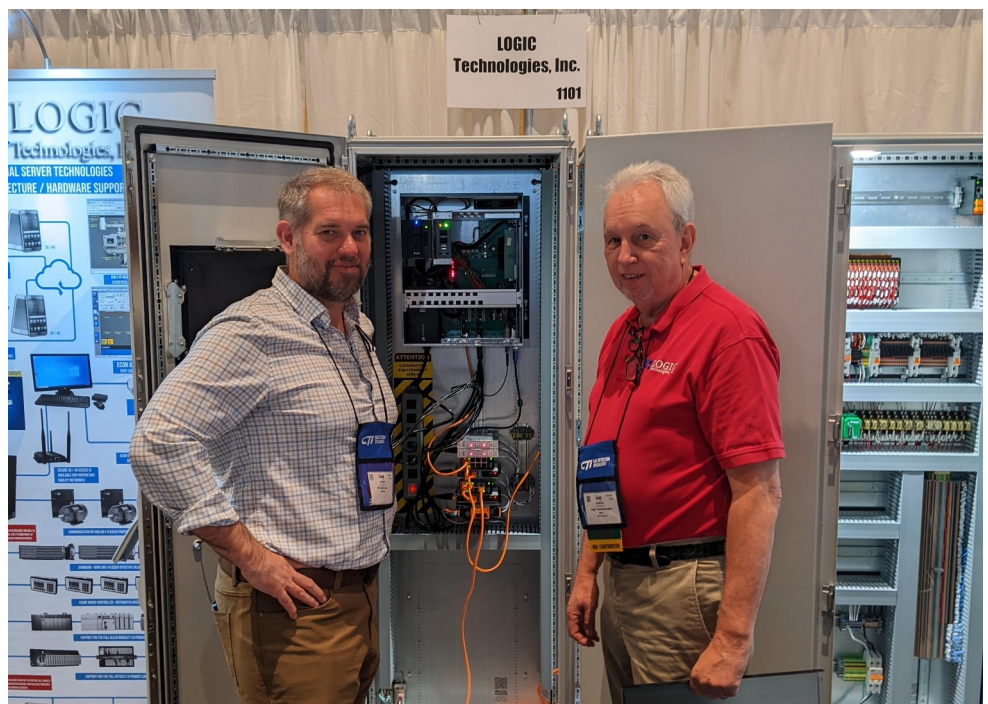
### **Ideas for articles of interest?**

Please submit articles or requests to:  
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## IIAR 2024 Natural Refrigeration Expo



*Logic Technologies, Inc. owner and founder Gordon Simpson (right) is shown with Jason Tatum of the Kelvin Group at the 2024 IIAR Expo.*

Representatives from Logic Technologies recently returned from the IIAR 2024 Natural Refrigeration Conference and Heavy Equipment Expo in Orlando, Florida. The annual exposition gives professionals in the natural refrigeration industry the opportunity to connect, receive professional education, gain valuable knowledge, and learn about the industry’s latest innovations and products.

Held at the Rosen Creek Shingle Resort the exposition featured workshops, product showcases, and educational sessions along with a Pickle Ball and Cornhole Tournament that benefited the Natural Refrigeration Foundation.

The Logic Technologies exhibit at the show featured a newly completed Logic 8000 Series control panel which allowed visitors an opportunity to see our latest equipment. We also demonstrated a new feature that gives technicians the ability to operate our control systems via a tablet computer, enabling remote access to systems throughout their facilities.

## Training Information and Schedule



### Training Enrollment

LOGIC Technologies, Inc. conducts in-depth training sessions at our facility on a monthly basis. Two free sessions are included with each system purchased. Additional training sessions are available for a nominal fee. Operator training sessions are \$1045 per person and advanced training sessions are \$1045 per person. We provide lunch for each class day; however, all other travel expenses are your responsibility.

### Operator- Level Sessions

This class session provides overview coverage of the use of our system to maintain the daily operations of a refrigerated facility. The class is conducted by one of our senior engineers who have many years of experience designing refrigeration control systems. In effect, the classes are taught in layman's terms by someone who fully understands the issues faced by refrigeration operators.

**Operator Level April 10-12**  
**Operator Level June 12-14**

### Advanced SST Sessions

This class session provides in-depth coverage of the screen and report development tools. Also, briefly covering the script language used to develop control algorithms. These classes are conducted by senior members of our engineering staff. Prior technical and basic programming knowledge is a prerequisite for this course.

### **To Be Announced**

\* Seating is limited, make your reservations early by contacting:

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## History of the International Institute of Ammonia Refrigeration (IIAR)

In 1970 a potential change to the National Electric Code would have required explosion proof equipment in ammonia refrigeration engine rooms, which would have been disastrously expensive for the refrigeration industry.

A group of industry representatives from leading companies met in Philadelphia to develop a strategy to combat this code change.

Four leaders from the Ammonia Refrigeration Industry spearheaded the effort: George Briley, who was later to become IIAR's first president, Bill Richards, Charles "Chuck" Hansen and Don Niederer. Many of the people who were to become the future leaders of IIAR served on the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Refrigeration Committee.

These four individuals established a Not For Profit Corporation in the State of Illinois. The new organization was named The International Institute of Ammonia Refrigeration.

On June 7, 1971 Its Documents of Incorporation were signed. They stated that the IIAR's mission was to "promote education, information and standards for proper and safe use of ammonia as a refrigerant."





*Logic Technologies displayed their Series 8000 control panel at the IIAR 2024 Natural Refrigeration Conference and Heavy Equipment Expo.*

## The best time to upgrade is now

Have you been considering upgrading or replacing a control system but just haven't taken the next step? Contact Logic Technologies for a quote on a new system or an upgrade to your existing I/O racks. We can help you to stay within your budget for projects of all sizes. You don't have to upgrade all of your racks at once, since we can define our software to only work on certain updated racks. Our systems are scalable and adaptable to make them a perfect fit for any facility.

From whole-facility refrigeration control systems, VFD and motor starters to micro compressor panels, Logic Technologies has the product that can help you realize energy savings rapidly. With our ECON Client System Software users with the proper clearance can access real-time statistical information generated from their production systems. The objective of our software is to keep a minimum of devices running to maintain refrigeration.

Our platform offers some major advantages to customers. It is based on our Signal Server Technology and utilizes Weidmueller I/O racks. We have found that the Weidmueller card modules have excellent resolution and can read down to 1/10th of a degree which provide more accurate readings and allow for better management of temperatures.

Our engineers will work with you to hammer out details and make sure that all components used meet your needs and specifications. All of our hardware is designed, built and rigorously tested at our location in Stockbridge, Georgia before shipment to your facility. We would love to add your company to our list of satisfied customers who have come to know and trust our products from years of reliable service.





**Drop by and visit us at our facility if you are in the area.  
We would love to meet you and answer any questions that you might have  
about Logic Technologies, Inc.'s full line of refrigeration control systems!**



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