



Installation: **Cabela's**

Circon Integrator: **ABR Controls, Hamburg, PA**

Building Type: **Sporting Goods Store**

Physical Description: **255,000 square feet**

Duration of Project: **May 2003 – Sept. 2003**

THE CLIENT

As the “Worlds Foremost Outfitter” Cabela's offers product lines and a selection of merchandise that are unmatched by any other sporting goods company. The store is much more than a retail location, with a 250,000 square foot showroom the store offers sensational visual décor that draws visitors from miles around. With an anticipated seven million annual visitors, Cabela's is the largest tourist attraction in Pennsylvania and is a major component in development plans for future complementary businesses.

THE CHALLENGE

- *New construction for a showcase retail store*
- *Integrate HVAC and software components from multiple vendors*
- *Easy maintenance with local or remote access*

Cabela's retail store in Hamburg is complete with multiple showrooms, a large auditorium and educational center, a restaurant with a view of the store below, an indoor archery range and shooting gallery. A primary objective is to create a comfortable shopping environment for the customers as well as the staff. Additionally, Cabela's wants to provide energy management and convenient maintenance solutions.

THE SOLUTION

- *A single LonWorks® network.*
- *Multi-vendor control products*
- *Web-based control network graphical user interface*
- *A high level of comfort and functionality*

By selecting the LonWorks networking platform, ABR Controls is able to offer a system with increased flexibility and lower installation costs. The Cabela's store has an integration of HVAC controllers from multiple vendors including Circon, Trane and McQuay sharing a single network.

The Plexus NetServer software provides a complete view of all the facilities including the option to change and configure schedules, define and view holidays, troubleshoot multiple locations and manage and monitor energy usage. Maintenance personnel can monitor and troubleshoot from the workstation – saving manhours.

By supporting the LNS® plug-in standard, Circon's Network Integrator 3, a LonWorks network integration software package, enables customized device plug-in software from any manufacturer to enhance productivity, allowing ABR Controls to install and maintain multi-vendor associated devices.

THE DETAILS

SYSTEM COMPONENTS

Circon Programmable HVAC Controllers

Circon Terminal Unit VAV Controllers

Circon Network Integrator 3 Software

Circon Programmable Unitary HVAC Controller

Echelon® LonMaker Software

Plexus NetServer

BAPI Sensors

McQuay® Controllers

Trane® Controllers

For more information about this case study, please call us at 1-800-338-1866.

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