

## Southtowne Exposition Center



**Location:** Sandy, Utah

**Architect:** Association of LMN and GSBS

**General Contractor:** Layton Construction

**Electrical Contractor:** Rydalch Electric

**Controls Contractor:** System Controls Inc.

**Engineer:** Reaveley Engineering Assoc.

The Southtowne Exposition Center will provide the people of the Salt Lake County region with a state-of-the-art facility, capable of accommodating a wide spectrum of consumer and trade shows, meetings, and community banquet events.

**Standard System Features:** The system consists of nineteen Synergy panels that control all public area, exhibition, back of house and exterior lighting. Eight of the panels are connected to the emergency generator and provide automatic full-on bypass of the controlled circuits during power outages. The panels are interconnected via two independent LANs that are interconnected by an Ethernet link provided by the Alerton BACtalk system. Interior photocells are used in the extensive glass atrium areas to curtail lighting use during bright sun lit conditions. A single exterior photocell provides control of the site lighting.

**Unique System Features:** While all the local lighting override switches and photocells were provided by Lithonia and are connected to the Synergy panels, the input/output logic, zoning and schedules are programmed through the Alerton BACtalk workstation as BACnet object points. This provides the owner with total "single seat" operation of the building and eliminates the need to learn the operation of a separate lighting control system.