



# Spotlight

## In Brief

**Project:**  
Primary Children's Hospital  
Surgery Expansion

**Location:**  
Salt Lake City, Utah

### Products Used:

- Douglas Lighting Controls Relay Panel and Centralized Controller
- Dialog Daylight Sensors and Dual Technology Occupancy Sensors
- Dialog 4-Channel Plug 'N Control® Room Controllers
- Dialog Digital, Programmable Wall Station Switches
- Diversa Occupancy/Vacancy Sensors
- 1-Button & Dimmer Wall Station Switches (relay direct & low voltage)

### Features & Benefits:

- Diversa Dual Technology sensors reduce false triggers due to HVAC, music, vibration and traffic, and they also reduce power consumption through a passive sound detection technology. Combining PIR and ADI-Voice detection technology allows the sensor to maintain occupancy in areas that do not provide direct line of sight to a person.
- The Dialog Room Controller for light and receptacle control of defined spaces is a Plug 'N Control ready, out-of-the-box system that is factory configured, labeled and tested before shipment.

## Reliable, Flexible Systems from Douglas Lighting Controls Benefit Primary Children's Hospital

In today's fast-moving healthcare world, every facility stakes its reputation on reliability, flexibility and cost-effectiveness.

At Primary Children's Hospital, part of the Intermountain Healthcare system in Salt Lake City, Utah, these three attributes have helped the facility evolve ahead of patient needs for more than 100 years. The commitment to success begins with an entire staff devoted to high-quality patient care and can be easily seen in the facility itself through the use of the most current medical equipment. What may not be noticed, but is vital to functionality of the facility, is the use of advanced lighting controls solutions from Douglas Lighting Controls.

When locally based Jacobsen Construction Company began a 140,000 sq. ft. renovation of the facility in early 2015, high-performance lighting controls were a primary consideration. Not only did the facility require a low-maintenance, cost-effective system, but it also needed one flexible enough to satisfy specific lighting conditions and preferences in approximately 30 different departments and clinics involved in the project.

Jacobsen used its 95 years of construction experience and valuable partnerships with local leaders Taylor Electric and Stevens Sales to determine how to implement a lighting controls solution that would achieve the desired performance characteristics in each individual area, reduce operating stress, and achieve exceptional cost savings.

*"The support and service of the Douglas team was critical to ensure these end-users were properly trained in programming the system and ensuring optimal functionality."*

"We've been a continual presence at the hospital for the past 12 years," said Jon Moody, project manager for Jacobsen Construction. "Because of our previous experience on Primary Children's campus, which included installing Douglas Lighting Controls technologies at its Outpatient Services

Building, the project team selected a complete Douglas system as the single-source specification for the remodel."

The system is comprised of a variety of different Douglas products specifically engineered for enhanced programmability and energy code compliance, including relay panels, room controllers, occupancy/vacancy sensors and switches, and additional low voltage controls. Particularly integral to project effectiveness were Dialog® 4-channel room controllers, which



## Douglas Lighting Controls

Douglas Lighting Controls, a member of the Panasonic family of companies, develops innovative controls systems and works to engineer end-to-end energy-efficient, easy-to-install digital lighting control solutions for commercial buildings, campuses and sports complexes throughout North America. With over 50 years in operation, Douglas is recognized for their deep understanding of lighting control systems and ability to provide the right solution for each facility.

### Want to know more?

Visit the Douglas Lighting Controls website, [www.douglaslightingcontrols.com](http://www.douglaslightingcontrols.com).

enabled room-by-room commissioning before centralized network connections were completed in the remodel, and easy-to-install Diversa® sensors, which seamlessly integrated with other controllable lighting measures in the facility and enhanced energy savings by shutting off power to luminaires in unoccupied spaces.

*“The project team selected a complete Douglas system as the single-source specification for the remodel.”*

Taylor Electric and Douglas Lighting Controls set expectations for timing and delivery, and also devised a creative solution for installing the lighting controls—one room controller for every two rooms—that improved energy efficiency within the space without sacrificing ease of use. Additionally, Douglas went the extra mile to ensure the facilities managers at Primary Children’s Hospital were comfortable operating the system and addressing employee-requested changes.

“We worked closely with the electrical maintenance staff at Primary Children’s to make sure they could address any

changes or adjustments required by a doctor or physician for a particular space,” said Jeff Otto, the electrical engineer at Taylor Electric who managed the project. “The support and service of the Douglas team was critical to ensure these end-users were properly trained in programming the system and ensuring optimal functionality.”

With such a broad range of applications throughout the remodel, the Douglas Lighting Controls system allowed for individual rooms to operate independently for daylight harvesting and dimming control. This flexibility minimizes energy use while still allowing for global facility control to prioritize scheduled lighting actions. Now, each department and clinic at PCH has a reliable, flexible and cost-effective lighting controls solution that will be an integral part of daily operations at the facility.



**DOUGLAS**  
LIGHTING CONTROLS

3605 Gilmore Way, Suite 280  
Burnaby, BC V5G 4X5, Canada

877-873-2797

[www.douglaslightingcontrols.com](http://www.douglaslightingcontrols.com)