



## Case Study | Northern Valley Indian Health

Medical Clinic / Facility



# aleoblue™

### DETAILS

#### Project

Northern Valley Indian Health

#### Location

Woodland, CA (Sacramento)

#### Project Size

30,000 sq. ft.  
350 luminaires with sensors  
110 wireless dimmers  
10 ceiling sensors

#### Lighting Manufacturers

Aleo Lighting

#### Type

New Construction

#### Products

Aleo Lighting LT-CD UX Volumetric Troffer, LWA Wrap, CDL Downlight, WPL Wall Pack, ALS Area Light, aleoBlue Wireless Lighting Controls.

#### Controls Strategies

High-End Trim  
Occupancy Sensing  
Manual Control / Dimming  
Luminaire Level Lighting Control  
Zoning / Grouping  
Photocell  
Scheduling

#### Company Background

Northern Valley Indian Health is a private, nonprofit tribal corporation that was founded in 1971 by a group of Northern California American Indians seeking to reestablish health services for Indians in California. NVIH continues to focus agency efforts on establishing and maintaining an effective and efficient health care system, which ensures services are accessible, available, and of high quality.

#### The Challenge

The contractor was seeking a value-engineered lighting and controls solution to meet the engineer's specification, deliver deep energy savings, and alleviate budgetary pressures. Code compliance and prior difficulties with conglomerate control systems were also challenges to this project.

### PROJECT HIGHLIGHTS

- Start-up / Commissioning Time (Interior): **2 Technicians / 2 hrs**
- **4 Total Man Hours for Commissioning** (Interior space)
- **Avg. 30 sec. Provisioning Time / Device**
- Control Training Time Needed: **20 min. via Zoom**



aleoBlue | Wireless Lighting Controls

Over  
**80%**

Labor Cost Savings  
Cost to Implement Controls

**20**  
mins

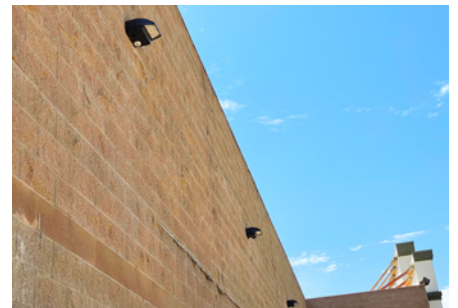
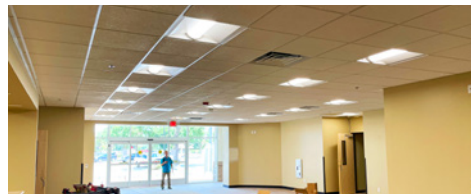
Training Time

**4**

Man-Hours  
Time to Commission



“AleoBlue is by far the easiest, quickest, and most intuitive control system I’ve worked with. The ability to wirelessly group and easily tie in dimmer switches is a game changer. This system allows us to save a ton on labor and get on and off the jobsite quicker.”  
- Jake G., Contractor



**The Goal**

The goal was to lower the construction budget to meet project needs with an easy to use, contractor friendly control system. Fast and easy commissioning and start up would be a priority. The project required a full-featured lighting control system with the following capabilities: zoning, occupancy sensing, scheduling, high-end trim, and manual dimming.

**The Solution**

A full lighting package featuring AleoBlue wireless networked lighting controls significantly lowered construction costs and allowed for a quick controls startup process. Utilizing Bluetooth wireless technology to easily group luminaires and add wireless dimmers without running additional wires delivered significant labor savings. Easy and intuitive commissioning that allowed the contractor to self-commission with 20 min. of factory training via Zoom and a total of 4 man-hours of field provisioning. AleoBlue eliminated unnecessary control equipment, cut out complication, and dramatically reduced labor costs while delivering deep energy savings with LED and controls.



**aleoBlue** Lighting Controls

**Luminaire Level Lighting Controls**  
LT-CD, LWA, CDL, WPL, ALS

**Manual Control**  
Single and Double Rocker EnOcean Dimmer

**High End Trim**  
80%

**Occupancy Sensing**  
Lobby, Exam Rooms, Corridors, Storage, Restrooms, Parking Lot

**Photocell**  
Exterior

**Scheduling**  
Entire Facility via Gateway

