



Location: California
Industry: Music Company

Challenge:
 Lighting Control
 Plug Load Control
 Signage Automation

Solution:
 Daintree ControlScope®

Result:
 92,100 KWh Energy Savings
 Over 34% Energy Reduction
 Accurate visibility into energy usage and savings

Innovative Multi-Application Control Boosts Employee Comfort & Energy Efficiency

Daintree Networks Delivers One Of The First And Biggest Energy-Saving Projects In Southern California, Automates Plug Load, Outdoor Signage, & Interior Lighting

Business Challenge

The customer¹ is a global music company with market leading positions in recorded music, music publishing, and merchandising. The music-publishing group is one of the industry's premier music publishing companies with operations worldwide. The administrative services and facility operations group at the music company, responsible for all facilities, had a clear mandate to comply with the latest version of California's Title-24 standard and that implied significant upgrades to building lighting. The facilities group also recognized the importance of conservation to decrease their environmental impact and reduce energy costs. This prompted facility operations to look for lighting control solutions. Another motivating factor to look for intelligent lighting control was to create the best environment for its employees.

Solution

The facility operations team looked at several lighting control solutions to be deployed at the company's 150,000 square foot office location. Only Daintree provided a wireless networked solution that was cost effective, based on open standards, and offered the ability to add more controls in the future based on need. The project included installing technology for daylight harvesting, dimming, LED lighting fixtures, and occupancy sensors.

Over
34%
 Energy
 Reduction

¹name withheld due to customer's request



“We considered various proprietary solutions that were cost prohibitive. Within a fairly short time, however, it became clear Daintree’s wireless networked smart technology was the best and most cost-effective way to achieve compliance while offering the flexibility to meet our future needs due to its use of open standards”.

.....
Vice President
Facility Operations

Superior Employee Comfort

Before deploying ControlScope solution, employees complained about the strong glare from lighting fixtures and suboptimal lighting leading to occupant discomfort. With the ControlScope solution, employees have individual control, lighting levels have been optimized, and employees have experienced higher comfort with fewer instances of headaches.

Automated Lighting, Plug Load & Signage Control

ControlScope software along with intelligent end devices have been used to significantly reduce energy use across 150,000 square feet of space over four floors. The facility manager has the ability to make changes using ControlScope software from a user-friendly graphical user interface. The electronic games in the game room have been installed with plug load controls and can be automatically powered down based on schedules. The exterior signage is controlled by the system with automatic on/off functionality based on daylight and schedule.

Business Results

Daintree Networks’ technology aided the customer in a progressive energy-saving project, one of the first and biggest of its kind in Southern California and achieved over 92,100 KWh in energy savings. The project also delivered automated plug load and exterior signage control and allowed the music leader to comply with California’s Title 24 requirements. With ControlScope solution, the music company has been able to start the journey towards sustainability, create a positive impact on community and deliver the best environment possible for its employees.

Next Steps

The music company is currently using ControlScope to manage lighting and Plug Loads at their site in California. They have plans to roll out ControlScope solution across other locations and leveraging Daintree system for additional applications such as HVAC and Fan control.

