



School District Makes A Smart Lighting Upgrade Decision

Taking the next step toward reaping the many benefits of smart lighting was an easier task than anticipated

Background

- Byron Center Public Schools is a K-12 school district located in western Michigan, serving over 3,800 students. Like most U.S. public schools, Byron Center strives to provide optimal levels of education while operating on a limited state and local funded budget
- Most available facility improvement budgets tend to cover only the most critical upgrades for any given year and are quickly depleted before reaching such areas as lighting upgrades

Challenge

Improper lighting in the staff enrichment/training areas added unnecessary stress for time and energy-starved occupants attending end-of-day training sessions.

Smart Lighting System Options

Hard-wired system upgrade

- Expensive hard-wiring installation costs (product and labor)
- Long set-up times
- Complex end-user functionality

toggled IQ system upgrade

- Able to retrofit into existing fixtures
- Wireless - Does NOT require special wiring
- Provides for individual lighting controls and room scene creation
- Simple and intuitive end-user functionality (Drag and drop connections via mobile app)

Optimal Solution

toggled IQ smart lighting system provides a lower cost, user-friendly and future upgradable lighting solution.

Implementation

- The toggled IQ smart lighting system was installed by a two-person team in just four hours
 - No extensive pre-wiring required; only retrofitting the fixtures to direct-wire specifications
- The system included: Eighty (80) toggled IQ tubes and one (1) toggled IQ switch (an added benefit was being able to consolidate down from four (4) standard switches previously)
- The Byron Center facility management team connected the system to their specifications via the toggled iQ app

"We love them! We have had several meetings in the training room and they are performing without any problems. Great lights and flexibility with several different room configurations. Anytime you want to bring groups by and visit, please let me know!" – Doug Gallup (Byron Center Schools)



Byron Center Public Schools

"Opening the Doors of Tomorrow for Students Today"

Industry

Schools

Goals

- Improve staff's overall lighting experience
- Maintain simplistic lighting system

Solution

Upgrade current direct-wire retrofit system to toggled iQ LED smart lighting

Results

- 70%+ system installation cost savings
- Quick & easy system set-up
- Easy to use, intuitive lighting controls
- Highly satisfied teaching and facility management teams
- Future system expansion in development