



UPGRADE EASIER THAN ANTICIPATED

SCHOOLS BENEFIT FROM 70% INSTALLATION COST SAVINGS OVER A HARD-WIRE SYSTEM UPGRADE

About Byron Center Public Schools

Serving over 3,800 students, Byron Center Public Schools (BCPS) is a K-12 school district located in western Michigan.

The Challenge

Improvement funds tend to cover only critical upgrades and are depleted before areas like lighting can be addressed. Improper lighting in the staff enrichment and training areas was creating unnecessary stress on staff and students and the high cost of a traditional hard-wire system upgrade was unlikely to be covered.

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We love it! All the light scenes we needed in the training room are programmed. It's very simple to use.

Doug Gallup,
District Services Coordinator
for Byron Center Schools



Our Solution

Toggled iQ™ allowed BCPS to significantly improve both the quality of light and the simplicity of light system use in these areas with a 70% installation cost savings over a hard-wire system upgrade.

In just four hours, a two-person team installed the Toggled iQ smart lighting system including 80 Toggled iQ tubes. No extensive pre-wiring was required, only retrofitting the fixtures to direct-wire specifications. One Toggled iQ switch replaced four standard switches. The school's facility management team connected the system to their specifications via the Toggled iQ app and they had a lower cost, user-friendly and future-upgradable smart lighting solution up and running.

Results

The Toggled iQ retrofit yielded an unexpected benefit in the BCPS Aquatic Center. As evaporated pool water is replaced, the chemical balance of the pool must be monitored and corrected at a substantial cost in materials. The Toggled iQ smart system lowered the overall lights-on time and its LED lamps generate less evaporation-causing waste heat than conventional lighting. There has been a measurable decrease in evaporation since the new system was installed.

LEFT: Students in the Byron Center Public School computer lab enjoy benefits of Toggled LED upgrade. TOP: BCPS Music Room. BOTTOM: BCPS Weight Room.