

Case Study

City Squash - New York, NY



The Challenge

City Squash in New York, NY required a flexible and energy-efficient lighting control strategy to support a high-performance athletic and educational environment. Designed by Gluck+, the facility includes squash courts, classrooms, study areas, and multipurpose support spaces, each with distinct lighting needs and usage patterns. The system needed to deliver consistent visibility for athletic performance while adapting to occupancy, daylight conditions, and varying schedules across both sports and academic programs. Reliability, simplicity, and low-maintenance operation were critical to support continuous daily use.

The Solution

A BubblyNet lighting control system was implemented using battery-powered motion and daylight sensors, 0–10V dimming, and receptacle control to manage lighting across squash courts and all interior spaces. The system automatically responds to occupancy and available daylight, ensuring optimal illumination for both athletic and educational activities while reducing unnecessary energy use. Flexible control allows seamless operation across diverse program areas, creating a responsive and efficient environment that supports City Squash’s mission and day-to-day performance needs.