



PELICAN

## HORIZON SCIENCE ACADEMY

McKinley Park, IL

### HORIZON SCIENCE ACADEMY HARNESSSES DATA TO ACHIEVE OPTIMAL STUDENT COMFORT

Horizon Science Academy McKinley is a K-12 charter school in Chicago, Illinois that focuses on science, technology, engineering and math (STEM) subjects.

A relatively new charter school in the area, Horizon Science Academy opened in 2013 as part of the Concept Schools group. The 69,000 square-foot building was converted from a factory into a single building campus with 18 classrooms, four science and computer labs, a library and school cafeteria, and administrative offices.

The school has taken a gradual approach to growing its campus facilities, starting with grades K-8 and adding additional grades each year. As its enrolment numbers have grown, it has invested in its facilities to provide the best possible learning environment for its students, including an updated climate management system.

Previously the building had standalone thermostats that offered facilities staff very little control, having to spend time walking around the building trying to adjust the temperature in each individual classroom. The building also had balancing issues that needed to be addressed, however school principal Mr. Cafer

Cengiz wanted to gather data on the problem before hiring a contractor to troubleshoot it.

The school was looking for an innovative energy management solution that would give it greater control over its rooftop units, enable it to schedule all of its thermostats remotely from one place, and provide the detailed data needed to find a solution to its balancing issues. Mr. Cengiz hoped that by installing Pelican and implementing these measures, the school would also be able to generate significant savings on its utility costs.

Since installing Pelican, Horizon Science Academy McKinley Park has gained the feedback needed to come up with solutions to the problems they were experiencing, and gain greater control over their facilities.

"Overall we achieved what we wanted to achieve with Pelican - to be able to see and control our rooftop units, schedule them effectively and save on our energy costs," said Mr. Cengiz.

### GET IN TOUCH

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