Olentangy Local School District
www.olentangy.k12.oh.us

Location: Lewis Center, Ohio	Industry: K-12 Education	Enrollment 19,000
Facilities: 25	**Product:** Utility Bill Management & Real-time Monitoring	

Results: the district was able to save over $950,000 in the first two years of the program!

Reducing Costs and Improving Efficiency

With the cost of natural resources redefining the way we do business, many organizations are looking for ways to lower operating expenses, integrate sustainability, and improve environmental stewardship. By converging technology and principles of sustainability it is possible to effectively manage the rising costs of resources like energy and water.

This success story showcases K-12 education customer Olentangy Local School District in Lewis Center, Ohio. Olentangy Local Schools is one of the largest, and top performing public school districts in the State of Ohio. With the help of JadeTrack, they were able to create the operational intelligence needed to drive sustainable, long-term growth.

The Challenge: a rise in operating costs

With the cost to operate a building increasing, and with budgets becoming tighter, improving operational efficiency is top of mind these days. For a school system the size of Olentangy Local School District, with 23 buildings, two bus garages and nearly 19,000 students, even the slightest bit of savings can make a big impact. Officials in the District's Department of Business and Facilities knew there were ways they coul significantly reduce electric, and gas usage, but they lacked the ability to see how their

buildings were performing in real-time. Without that visibility, it was difficult to identify unexpected peaks in demand. By the time the bill arrived, it was already too late. The District needed a tool that could immediately identify performance issues in real-time.
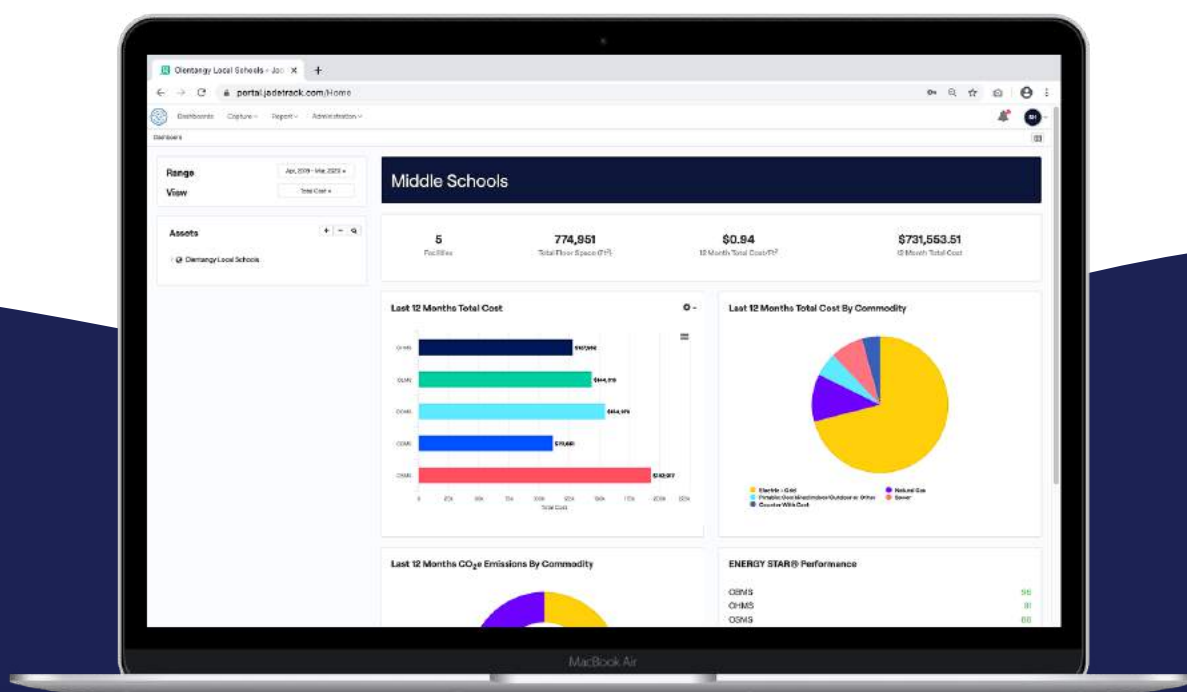
During the district's high-growth period, officials built elementary buildings with the same square footage and similar mechanical and HVAC systems. Yet in some instances, buildings within a few miles of one another reported energy usage that was significantly different than similar buildings.

District leadership naturally wanted to eliminate those outliers and performance anomalies, but they lacked the ability to see what one building was doing well so they could adopt best practices elsewhere.

The Result: identify and eliminate inefficiencies

In April 2014, the Olentangy Local School District implemented JadeTrack to track electricity usage in 15 elementary schools and gas usage in 12 elementary, middle and high school buildings.

The district compiled the numbers and was able to save over $950,000 in the first two years of the program. Much of this savings is possible because of the visibility provided by monitoring services such as the JadeTrack software platform.

It is one of the primary resources the district has for evaluating building performance on a daily basis and identifying issues when they occur. JadeTrack makes it possible to identify what one building is doing well, challenge the assumptions, and then make the necessary adjustments at underachieving buildings.

The JadeTrack software platform transforms building performance data into useful information needed to eliminate unexpected peaks in usage, and to identify performance issues quickly. These issues could include behavioral tendencies, simultaneous heating and cooling, inferior insulation, or a window that someone forgot to close.

The Future: engage teachers and students

Olentangy Local School District has plans underway to expand the capabilities of JadeTrack. The District is working to integrate JadeTrack into the school's curriculum as an experiential learning tool by making it accessible to teachers and students.

The software creates a powerful engagement tool that teaches everyone the value of sustainability, conservation and how even small changes can have a big impact.

"The JadeTrack team has been responsive to our needs, accommodating and very easy to work with. In fact, there has never been a time when they are not available. They always think about how they can empower us, and that makes it feel more like a partnership. As for the JadeTrack software, it's everything we need."

Jeff Gordon
Director of Business Operations

Ready to get started?

Learn More →

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