

## Technology That Truly Sets You Free an Akron Schools Model for Achieving Real Energy Cost 'Control'

### the Challenge:

#### Reconcile Energy Management With Contract Management

Like many other multisite enterprises, Akron Public Schools was attracted to the potential energy and maintenance-cost savings of a web-enabled, single-point, device-control network. But they couldn't afford to be held price- or service-captive to one supplier. Further, as a public entity, Akron was required to uphold an open-bid environment for outside contractors.

### the Solution:

#### Facilities Management System Integration (FMSI)

As a hardware-, software- and protocol-neutral solution to achieve multisite building-automation control, Voyant's XtraVision presented Akron with an architecture that could remain open-source, yet still feature one IT interface through which management could access and control every building, every device throughout the entire school system.

### the Result:

#### True Energy and Maintenance Cost 'Control'

With XtraVision, Akron's hand wasn't forced in procurement, enabling the school to maximize investments in existing control systems, secure more cost-effective scalability down the road, and remain compliant with open-bid contracting requirements.

And, yet, the school could still enjoy the benefit of having one system-integration supplier in Voyant that could write the control specification and stand as a single go-to for technical support system-wide.

In effect, school administrators could achieve:

- More flexibility within tight budget scenarios.
- Lower construction and long-term maintenance costs.
- Lower training costs for employees—given they only need to learn one IT interface to operate or manage any building in the system, all the way down to the device level.
- All the energy and labor savings of single-point, comprehensive multisite building control, monitoring and analytics.

### the applause:

Rob Boxler  
Akron Public School System

*"Voyant bridged an extremely important gap for us, especially in an unusually difficult era of shrinking budgets. We had a great fiscal case for an integrated building-automation control system school-wide, but the prospect of having a single supplier spec the whole system out with its own devices and IT products was just too restrictive and, therefore, cost prohibitive. Voyant's open-source model eliminated that dilemma and saved the day."*

# XtraVision™



### Executive Summary

*Application:* XtraVision™ web-based remote building control. Enterprise analytics and system management services.

### Akron Public School System

*Scope:* **47 schools**

XtraVision System Placement: **30 schools**  
(to date)

Tenure at each location: **up to X years**

Avg. annual savings: **30%**  
(energy, training, labor, maintenance)

Avg. XtraVision system ROI: **X months**

### Key Added Benefit

As a software-, controls- and protocol-neutral Voyant Solution, XtraVision allows Akron to maintain an open-bid arena for contract services.

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