



Desigo Optic for School Districts

Desigo Optic helps school districts create safer, healthier learning environments with a simplified building management.

A simple, powerful, and scalable software solution for visualizing and controlling building automation systems, Desigo Optic redefines openness. For K-12 school districts, Desigo Optic helps you glean actionable insights from powerful dashboards, letting you take building efficiency, productivity, comfort, indoor air quality, and health to the next level.

Scenario

- School district needs to modernize and upgrade existing building automation system (BAS)
- Optimizing the indoor environment to improve student, faculty, and staff health is a significant priority
- Due to district budgeting constraints, they need to avoid significant capital expenditures

Challenge

- Current BAS limits opportunities for data visualization, integrations with third party systems
- Existing system does not support remote access or monitoring for critical campus building data (HVAC systems, IAQ, lighting, or energy usage)

Highlights

- Increase your building occupant's productivity, comfort
- Make data driven decisions
- User-friendly navigation and simple to learn software
- Easy to access your real time building data, from anywhere anytime
- Leverages existing hardware and infrastructure



SIEMENS



Solution

- Multisite school district upgrades to Desigo Optic, including centralized Desigo Optic Server
- Classrooms receive Total Room Automation to harmoniously control HVAC, IAQ data, lighting, and shading over a range of settings throughout the school campus
- Software implementation successfully completed without replacing or re-engineering existing infrastructure or equipment

Benefits

- **Optimized learning environment** – With easy access to building performance data, this district can create safer, healthier, more comfortable learning environments that have a positive impact on student wellbeing, performance, and attendance
- **Speed and ease of implementation** – Project Haystack tagging and data modeling enable significantly faster implementation implementation, engineering, and commissioning of Desigo Optic

- **Faster engineering** – Guided, automated engineering enables **33% faster implementation**
- **Data transparency** – Drag-n-drop editors enable real-time building intelligence through customized reports for better, faster decision making to improve operation of schools for optimum health, safety, and comfort
- **Best-in-class user interface** – Simple UI makes it easy to use and navigate Desigo Optic; touch-based interface for mobile devices
- **Secure remote access** – Web-based user interface enables secure remote and mobile access without complicated IT engineering
- **Strategic maintenance approach** – Data visibility enables a more proactive, data-driven approach to BAS maintenance of building assets and equipment



For more information, visit www.siemens.com/desigo-optic



Legal Manufacturer

Siemens Schweiz AG
 Smart Infrastructure,
 Global Headquarters
 Building Products
 Theilerstrasse 1a
 6300 Zug,
 Schweiz
www.siemens.com

This document contains a general description of available technical options only, and its effectiveness will be subject to specific variables including field conditions and project parameters. Siemens does not make representations, warranties, or assurances as to the accuracy or completeness of the content contained herein. Siemens reserves the right to modify the technology and product specifications in its sole discretion without advance notice.

