



Desigo Optic for Commercial Buildings

Commercial buildings modernize operations and enable remote, mobile access with Desigo Optic Building Automation Software
usa.siemens.com/desigo-optic

A simple, powerful, and scalable software solution for visualizing and controlling building automation systems, Desigo Optic redefines what an open platform should be. For commercial building operators, Desigo Optic helps you glean actionable insights from powerful dashboards, letting you take building efficiency, productivity, comfort, indoor air quality (IAQ), and health to the next level.

Scenario

- 6-story office complex needs to modernize legacy building automation system (BAS)
- Improving the indoor environment for occupant health is a key priority
- Organization prefers to leverage past investments in BAS equipment and avoid significant capital expenditures

Challenges

- Current BAS limits opportunities for data visualization and integrations with third party applications and systems
- Existing system does not support remote access or monitoring of critical building data (HVAC equipment, IAQ, lighting, energy consumption, and more)

Highlights

- Upgrade to IoT smart building automation solution
- Visibility to more data, faster
- Easy to use and navigate
- Mobile access to real-time building data
- Leverages existing hardware and infrastructure



SIEMENS



Solution

- Office complex upgrades from legacy BAS to Desigo Optic to control and monitor cooling towers, air handlers, chillers, fan coils, and other building automation equipment
- Software implementation successfully completed without replacing or re-engineering existing infrastructure or equipment

Benefits

- **Comfortable work environment** – With easy access to building performance data, facilities operators can create a safer, healthier, more comfortable work environment
- **Ease of implementation** – Project Haystack tagging and data modeling enable dramatically faster implementation, engineering, and commissioning

- **Streamlined workflows** – Guided, automated engineering enables **33% faster implementation**
- **Best-in-class user interface** – Simple UI makes it easy to use and navigate Desigo Optic; touch-based interface for mobile devices
- **Data transparency** – Drag-n-drop editors enable real-time building intelligence and customized reporting for better, faster decision making about how to operate building for optimum health, safety, and comfort
- **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 HVAC and building equipment assets

Why an open platform?

Many building operators prefer the flexibility and interoperability of an open platform, which avoids vendor lock-in and supports third-party integrations. An open platform also enables a customized user interface and access without additional software.



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

Legal Manufacturer

Siemens Industry, Inc.
1000 Deerfield Parkway
Buffalo Grove, IL 60089-4513
United States of America
Telephone: +1 (847) 215-1000
www.usa.siemens.com/desigo-optic
Order No. 153-SBT-1400
© 07.2021, Siemens Industry, Inc.

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.

SIEMENS