

# Performance Optimization

Take your building performance to the next level.



Switch Performance Optimization utilizes real-time data from your building to identify and prioritize performance issues; triaging the most pressing issues to drive operational savings. Leverage data-based retro-commissioning and continuous commissioning to optimize how building equipment and systems function together.

## Dynamic Workspaces and Reporting

### *What do you get?*

Configurable, tile-based workspaces help you create and measure performance against your unique KPIs. Seamlessly integrate with your existing BI tools, such as Power BI and Tableau.

### *Benefit*

Standardize metrics and reports across your entire portfolio from a single platform to help your team effectively communicate, prioritize and track performance.

## Global Alerts Library

### *What do you get?*

Extensive library of rule-based alerts that can be effortlessly deployed across your buildings. Alerts can be tuned to reflect unique business rules or environmental conditions.

### *Benefit*

Quickly deploy, (re)process, and tune alerts without having to build custom alert logic from the ground up.

## Site Analysis

### *What do you get?*

This data analysis tool allows users to interact with trend data from their building systems to conduct thorough optimization and root-cause analyses.

### *Benefit*

Identify hidden opportunities to improve performance and save money by building, sharing and scheduling custom analyses using trend data from any available data point in your building.

# Performance Optimization

Features and benefits continued.



## Events

### *What do you get?*

Detail your findings and assign tasks to specific users with clear priorities and due dates to support ongoing projects or work orders.

### *Benefit*

This portfolio-wide project management tool converts data into actionable projects to streamline building performance improvements.

## Switch Automation Mobile App

### *What do you get?*

Brings prioritized alerts, maintenance tasks, photo sharing and collaboration functionality to smart phones and tablets for real-time collaboration.

### *Benefit*

Improve communication and efficiency with site team and vendors, saving time and reducing site visits.

## Also included

***Switch Performance Optimization includes all the features of Building Intelligence and Performance Benchmarking.***

# Leverage a proven solution



There's energy and facilities management, and then there's Switch Performance Optimization. Here are a few things that set us apart:



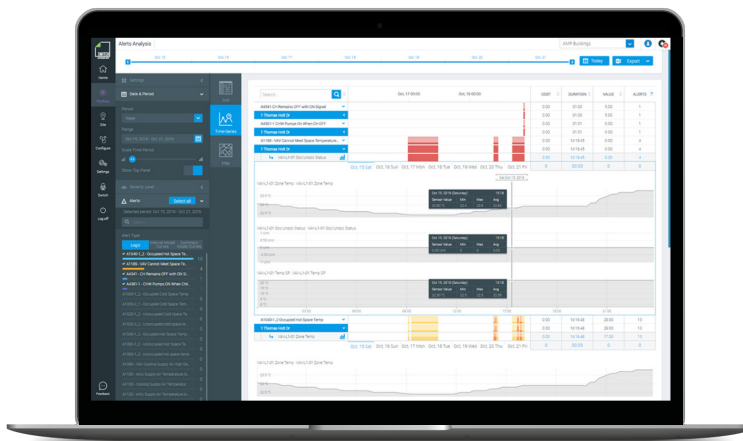
## Secure

We've partnered with Intel, Dell and Microsoft to ensure that your information is protected from cyber threats every step of the way. Performance Optimization is deployed via secure IoT Gateways and our Platform is hosted on Microsoft Azure, enabling infinite scalability.



## Scalable

Switch's uniquely agnostic approach to hardware and data enables us to integrate with your buildings' existing systems. Access the Platform's library of faults and alerts to quickly deploy Performance Optimization across your entire portfolio. The best part? Unlike other fault detection solutions, there's no need to hard-code faults and alerts into the technology, and no barriers to scaling our technology alongside your business.



## Configurable

Build custom, interactive dashboards for different users and schedule reports to fit each user's preferences. Configure fault rules (including conditions such as severity, duration, etc.) directly in the Platform user interface. Set up smart alerts to notify key team members so they can respond to emergent building issues.



## Complete

Performance Optimization layers static and interval data from your building portfolio to give you ALL the information you need to make informed, timely decisions. Perform complex analysis and drill down into the data to identify the root causes of critical building issues.



## Supported

Our Engineering Services professionals are here to provide training, answer questions and help you fully leverage Switch Performance Optimization. Get the support you need from our in-house mechanical engineers, data scientists, sustainability consultants and master systems integrators.

"The buildings in our Southwest region had the highest operating costs in our portfolio by a long shot. Each of the 30 buildings in the region is unique. There are five different types of Building Management Systems, diverse tenant requirements and two outsourced property management firms with their own work order processes. We integrated the buildings into the Switch Platform and deployed a consistent, centrally-managed library of fault rules across all the buildings in that region. Switch Performance Optimization notified us of optimization opportunities right away, saving us 10% on our energy bills. It also gave us the tools we needed to hold our vendors accountable when maintaining our sites to our high corporate standards."

- Regional Engineering Manager, Class A Office portfolio, California

Want to learn more? Reach out to a Switch Engineer at [contact@switchautomation.com](mailto:contact@switchautomation.com)

# Get results right away



Implement Switch Performance Optimization in four easy steps:

## 1 Strategy Development & Project Kick Off

The Switch Team works with you to set program goals and KPIs, establish roles and responsibilities and determine which buildings, data sources and equipment to integrate.

## 3 Training & Managed Services

Our goal is to make sure you're comfortable navigating the Platform to identify root causes of building issues and take corrective action. Switch works with you to determine the best level of Managed Services for your organization – from reporting to retro-commissioning and continuous commissioning. We offer superuser training if you prefer to bring these skills and services in-house.

## 2 Data Integration & Platform Configuration

Switch aggregates and standardizes portfolio information by pulling interval data from systems and equipment (BMS, submeters, etc.) via IoT Gateways. We collaborate with you to tailor Platform dashboards, fault detection logic and other features that empower your team to make educated, timely decisions.



## 4 Data Visibility, Analysis & Action

As soon as the Platform is configured, you can visualize, analyze and act on your building data. Whether you're embarking on a retro-commissioning or measurement and verification (M&V) project, working toward specific energy reduction or occupant comfort goals, or looking for hidden savings, Switch Performance Optimization gives you the visibility, actionable insights and support you need to improve portfolio performance.

Want to learn more? Reach out to a Switch Engineer at [contact@switchautomation.com](mailto:contact@switchautomation.com)

# Pricing

Simple and transparent fixed pricing:

<p><b>SWITCH GATEWAY 3001</b></p>  <p><b>\$600</b></p> <p>per site, per month</p> <p><a href="#">LEARN MORE</a></p>	<p><b>SWITCH GATEWAY 5000</b></p>  <p><b>\$1,200</b></p> <p>per site, per month</p> <p><a href="#">LEARN MORE</a></p>
--	--

## About Switch

Switch Automation is a global real estate software company that helps property owners and facility managers reduce operating costs, improve energy efficiency and deliver exceptional occupant satisfaction. Our comprehensive smart building platform integrates with traditional building systems as well as Internet of Things (IoT) technologies to analyze, automate and control assets in real-time. We serve enterprise customers and partners in a variety of industries including financial services, retail, grocery, commercial real estate and more. Learn how Switch Automation creates technology to bring people and planet to the center of building operations at [www.switchautomation.com](http://www.switchautomation.com) or reach out to a Switch Engineer at [contact@switchautomation.com](mailto:contact@switchautomation.com).