



Dynamic and Responsive Building Services



Active Surveillance

Active Surveillance provides building system monitoring, alarm notification and analysis during business hours or 24/7. Using detailed system operating data, performance levels are established for each mechanical system and for the entire building. As service is performed the results are measured and reported. This report gives the operator and service provider a detailed view of areas needing attention.



Dynamic Commissioning

Dynamic Commissioning automatically assesses every point in the building control system to identify opportunities with quick pay backs that improve comfort, energy and maintenance, such as:

- Excessive equipment run-time or cycling
- Excessive ventilation
- Undetected failures, degradation, or overrides
- Inefficient operational sequences

We benchmark your building against industry standards and track its improvements against your starting point and final goals. The optimization techniques revealed by Dynamic Commissioning will help you move towards achieving a High Performance Building.



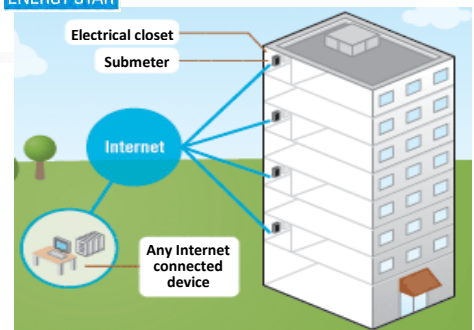
Once identified, improvement routines can be executed to return the building to optimal performance, reducing operational costs and comfort complaints.



Energy Optimization

Where Dynamic Commissioning evaluates your controls system for inefficient sequences and mechanical defects, Energy Optimization analyzes your energy profile to dig deeper into hidden causes of waste throughout the entire facility. The data is viewable in real time via an energy composition dashboard that includes energy trends, usage per square foot, weather normalization, improvement tracking, portfolio comparisons and actionable reports.

This information is converted into discrete measures that reduce your costs, energy consumption and occupant complaints.



Turning Data into Dollars

Buildings are fitted with thousands of controls and sensors that have the potential to offer millions of real-time data points that could be used to manage energy and operations more efficiently. However, this data is rarely tracked or properly analyzed. Intelligent services consisting of software, hardware, and professional analysis can provide information on a **building's** performance and potential corrective actions.

Close scrutiny of data from daily operations detects and addresses defects and degradation of mechanical systems before they lead to performance issues or more serious failures. Energy costs and costs related to occupant complaints and remediation efforts are reduced as issues are uncovered by analytical processes rather than noticeable performance failures.

