

# Efficiency Insights

Take control of your energy data while reducing energy costs



<b>1000+</b> Customers in 60 countries	<b>440M</b> Square feet installed	<b>2M</b> Tons of total CO <sub>2</sub> reduction	Up to <b>90%</b> Lighting energy savings	<b>20+</b> Terabytes of data
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## Roadmap to net zero

The building sector represents one of the largest opportunities for energy savings and decarbonization. By 2030, many businesses plan to achieve carbon neutrality. With rising energy costs, increasing demand, volatile energy markets, and government regulations, running an energy-efficient enterprise has climbed the corporate agenda.

## Moving energy efficiency forward

Lighting is the largest single use of electricity in commercial buildings. Many companies strive to reduce their energy lighting consumption by using advanced lighting control systems. Understanding your energy usage on the granular light level can help you modify your building technology energy output to realize your sustainability goals sooner.

Energy management is now considered standard practice for businesses and is the first step in developing a roadmap for achieving sustainable objectives.

## Energy reporting toward ESG goals

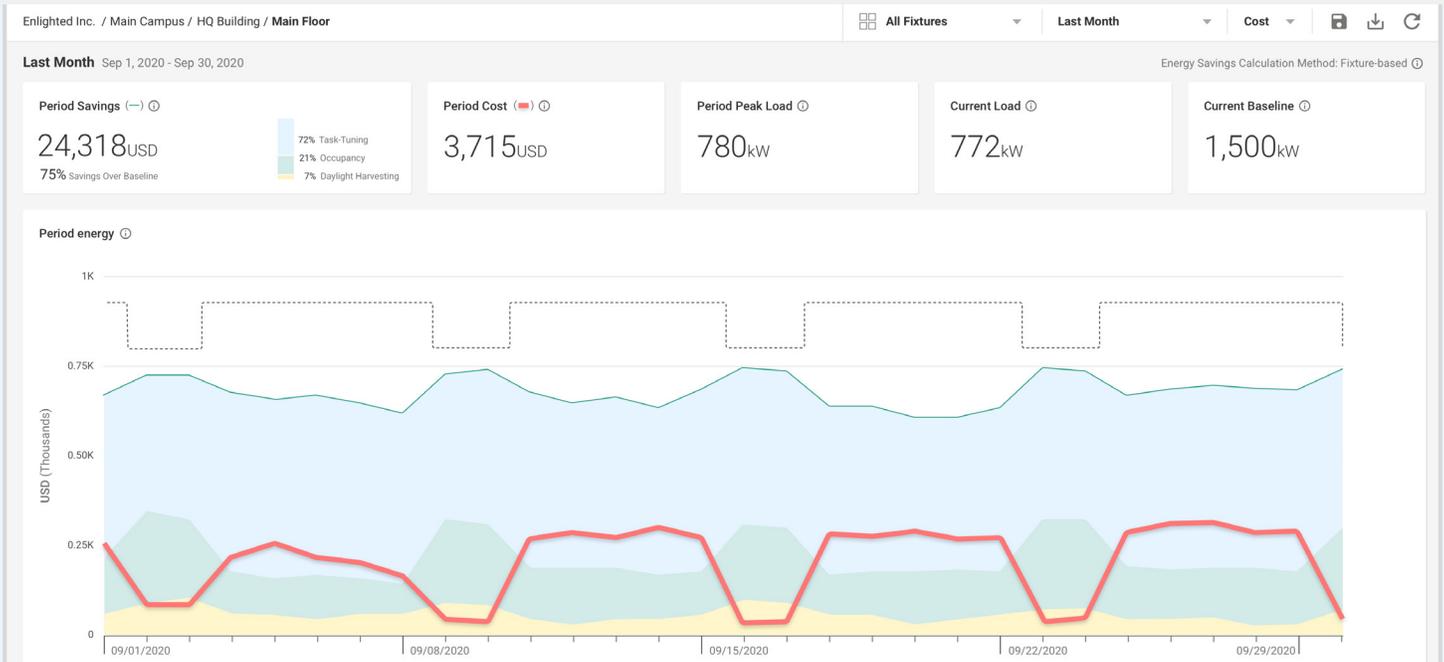
Enlighted offers a range of Energy and Environment APIs to provide a comprehensive view of your energy usage, to help you measure your energy efficiency progress. Our APIs offer the ability to view your energy data by various parameters: fixture level, area, floor, or by device. Energy data is returned in 15-minute intervals, allowing you to tune your systems in near real-time.

Our APIs provide energy metering in four areas:

- **Manage APIs** - Retrieves the aggregate energy consumption in watt-hour for all fixtures and plug loads in the building for the last 15 minutes.
- **Plug Load APIs** - Returns the aggregate managed and unmanaged energy consumed in watt-hour by the Plug Load Controller (PLC) or all the PLCs (Plug Load Controller) in the area for the last 15 minutes.
- **Data APIs** - Obtain aggregate sensor data by fixture, floor level, or by specified time range.
- **Area APIs** - Obtain Area Energy Consumption. Returns the aggregate energy consumption in watt-hour for all devices in an area for the last 15 minutes.

## Energy reporting on a granular level

- View energy consumption in watt-hour per fixture, floor level, defined area, or building
- Compare the energy use of your building’s various floors to identify best practices or inefficiencies
- Web-based user interface for lighting system management
- Protected by industry-leading security with encryption



Energy savings will be realized through enhanced data visibility and the ability to act on insights derived from that data.



**STEFAN SCHWAB**  
CEO, Enlighted

## Discover the power of occupancy-based lighting

### Visualizations

Visualizing your energy usage and savings is available via the Enlighted Manage dashboard. Combine with third-party business intelligence tools like Tableau, and third-party Integrated work management systems (IWMS) by using data APIs.

### Simplified lighting control management

Manage configurations and manages lighting behavior by adjusting software profiles while retaining lighting data for up to 36 months. Generates reports on carbon reduction, energy, and financial savings.

### Comprehensive insight into building system performance

Automatic Demand Response (ADR) and Demand Response (DR) optimizes operating costs and helps comply with energy efficiency and sustainability goals. Measure and identify under-utilized spaces by gaining insight into building usage patterns.

### Standards-based communications protocols

Industry-standard communication protocols provide robust and mature capabilities. REST-based APIs support GET, POST requests, and XML, JSON responses.

### Data security

AES 128-bit encryption for wireless data transmission and TLS encryption for TCP/IP, along with the use of a 2048-bit certificate and SHA-256 Cipher, enable the highest standards of corporate data security requirements.

### Data privacy

Enlighted aligns to your high standards when it comes to data privacy, security and regulatory compliance, understanding that your building spaces are an extension of your brand. To protect you, our systems and solutions leverage best practices and protocols for cybersecurity and privacy.

Enlighted delivers seamless, intuitive user-friendly applications, and enables autonomous smart buildings with the lowest reputation risk and security risk.



Building Robotics, Inc.,  
a Siemens Company

### Turn Everyday Spaces into Extraordinary Places

Wherever space, people and work meet, Enlighted empowers organizations with the technology to transform real estate spaces into regenerative places that fuel positive impact for people, portfolio, and our planet.

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