Energy Management

Take control of your energy data while reducing energy costs

1000+	420M+	2M	Up to 90%	16+
Customers, 60 countries	Square feet installed	Tons of total CO_2 reduction	Lighting energy savings	Terabytes of data for thousands

A renewed focus on running an energy-efficient enterprise

Energy is one of the most critical resources in the service and manufacturing industries – it influences the cost of production, delivery of goods and services, and ensures sustainable operations. With rising energy costs, increasing demand, volatile energy markets, and government regulations, running an energy-efficient enterprise has climbed the corporate agenda.

Managing energy well has become table stakes for companies, and the first step to creating a roadmap to achieve sustainability goals.

The need to track and access energy data

Although energy is among the biggest cost areas for companies – along with people, production costs, facilities and equipment – it is often inadequately monitored. Most companies lack good systems for accessing energy data quickly or in a form that provides actionable information.

Monitoring and analyzing energy use can reveal operating issues that affect costs, performance and quality. Additionally, developing a detailed understanding of enterprise-wide energy consumption will help predict how volatility in energy prices will affect overall operation, profits, and cash flows.

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> **Energy savings will be realized through enhanced data visibility and the ability to act on insights derived from that data.**
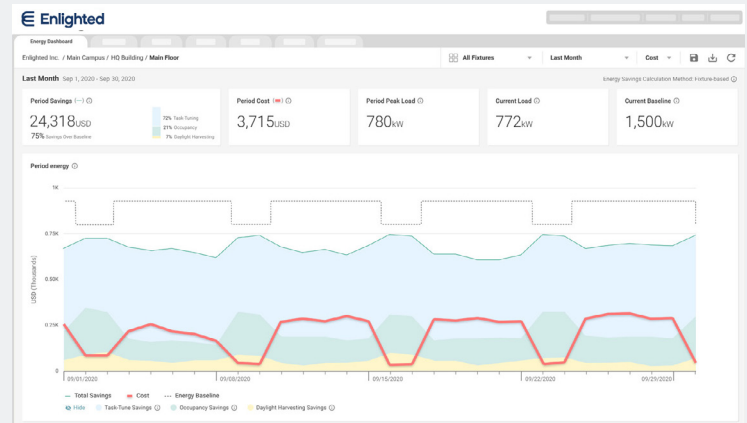>
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> **STEFAN SCHWAB**
> CEO, Enlighted

The Enlighted Manage in the Cloud Platform

The Enlighted Manage in the Cloud (EMC) platform provides a secure web-based interface to monitor, manage, and analyze energy savings and other data collected by the Enlighted Smart Sensor network. Additionally, EMC allows response automation, integrating with third-party building automation and demand response systems.

In addition to being the collection point for energy, occupancy, and environmental data, EMC provides a user interface for lighting system management and IoT device management, managing up to 18,000 sensors.

Stay informed and in control from anywhere, anytime

- Manage the Enlighted IoT platform and wireless sensors
- Web-based user interface for lighting system management
- View energy consumption and savings in real time
- Protected by industry-leading security with encryption

Features

Simplified Lighting Control Management	Manage configures and manages lighting behavior by adjusting software profiles while retaining lighting data for up to 36 months. It generates reports on carbon reduction, energy, and financial savings.
Power Metering	By deploying various control strategies at an individual fixture level, direct power metering provides data for comprehensive savings analysis.
Comprehensive Insight into Building System Performance	Automatic Demand Response (ADR) and Demand Response (DR) optimize operating costs and 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	Manage collects and stores occupancy data captured by the Enlighted sensors. The sensors cannot directly reference, distinguish, or identify any natural person. The user details such as login, logout events, IP address, first name, last name, and application pages accessed by the user along with the organization's name, occupancy data, and floor plans are all stored in Manage.
Flexible Deployment	The EMC is cloud-hosted, reducing the burden on your IT organization and allowing globally distributed sites to be managed from a single location.
Title 24 Compliance	Manage simplifies the code compliance process by automatically setting profile parameter limits and automating specific tests that Title 24 requires. The software generates Title 24 compliance documents as the tests are evaluated and certified.

Enlighted

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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