EcoStruxure™
Innovation At Every Level

EFFICIENCY

Efficiency checks in at Hilton

Hilton Worldwide, Washington D.C. – United States

Increasing resource efficiency through software and services for Hilton Worldwide.

schneider-electric.com/ecostruxure

Life Is On | Schneider Electric

Hilton deploys a suite of Schneider Electric solutions to enhance guest experiences and improve resource efficiency.

Introduction

Hilton Worldwide is a well-known hospitality company with 4,500+ properties around the globe. It operates a range of brands, from luxury resorts to boutique hotels.

Providing a consistently excellent guest experience on such a scale involves significant utility bills, which make up Hilton's second largest operational expense after labor and require outlays equivalent to 5% of annual revenue raised.

Yet for the hotelier, efficient resource management is much more than a way to cut costs. "We want to be good stewards of the environment," says Thomas Webster, Director of Strategic Sourcing Energy Management at Hilton.

To help achieve its multifaceted efficiency and sustainability goals, Hilton sought the expertise of an energy management specialist with a global presence and comprehensive capabilities.

Goal

Improve resource efficiency at Hilton.

Story

Rely on a range of energy-management solutions anchored by a cloud-based tool capable of tracking utility consumption and costs at any Hilton hotel.

Solution

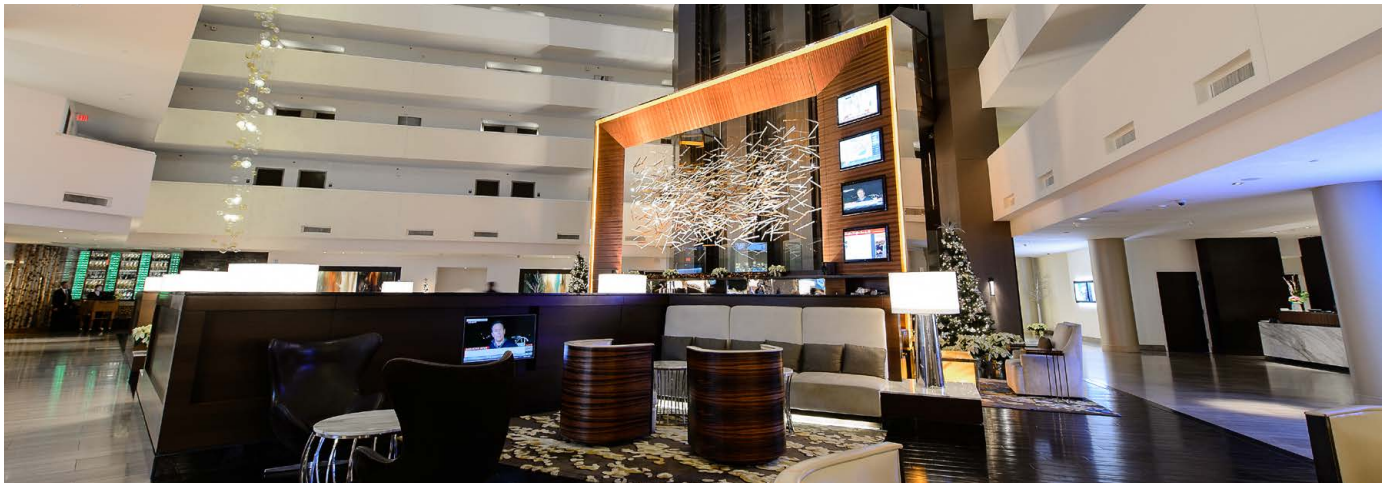
Leveraging data synthesized by EcoStruxure™ Resource Advisor software, Schneider Electric consultants help Hilton lower its energy costs and improve its guest experience.

Results

Since 2009, 14.5% energy savings that Hilton can reinvest into its guest experience.

"Energy is a major cost component for Hilton Worldwide. It's the second largest expense to labor."

— Thomas Webster, Director of Strategic Sourcing Energy Management, Hilton Worldwide



An integrated approach to resource efficiency

Schneider Electric supports Hilton's strategic energy plans and policies at multiple levels, from sourcing to saving.

The solution lineup for Hilton starts with EcoStruxure Resource Advisor, a scalable, cloud-based software application that makes real-time utility pricing and consumption data visible, comparable, and actionable across Hilton's global portfolio of owned, managed, and leased properties. Managers can configure personal dashboards and generate customized reports for water, waste, and electricity use to analyze performance and benchmark facilities.

Energy and Sustainability Services consultants from Schneider Electric put this hard energy data to work, using it to drive pricing negotiations with utility suppliers, identify energy-saving opportunities for Hilton, and advise on equipment maintenance. Automated billing management rounds out the energy procurement cycle to ensure timely payment and minimize pricing discrepancies.

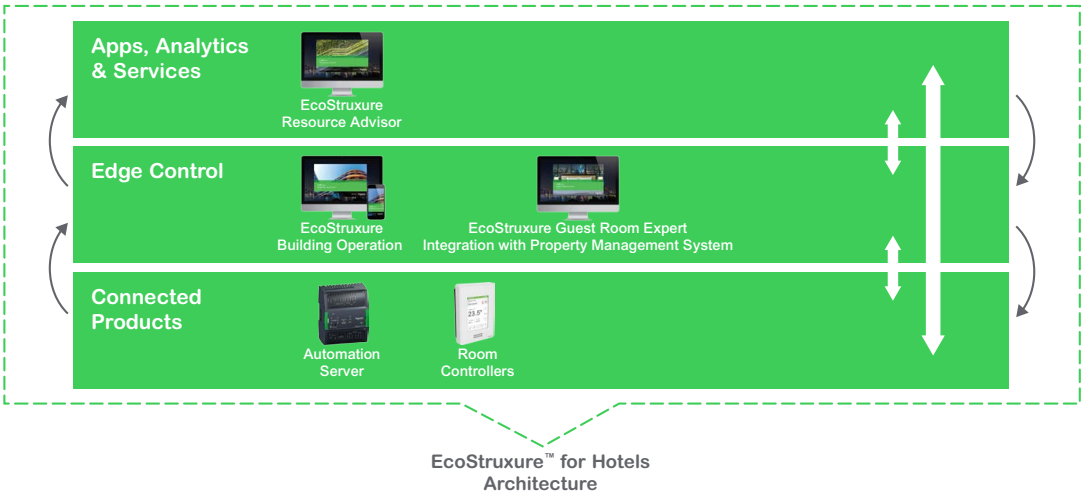
On-site, Schneider Electric building management solutions help staff optimize resource consumption and combine facility control systems for comprehensive utility cost oversight. Energy University, a professional education curriculum focused on resource efficiency, offers managers and facilities staff best practices for getting the most out of Hilton's deep relationship with Schneider Electric.

Schneider Electric solutions extend even to Hilton's guest rooms, where travelers can personalize their room temperature and lighting settings with unobtrusive technology that also helps prevent security threats and detect fires early.

And no matter where Hilton's next grand opening is, Schneider Electric can be there. Resource Advisor's modular design allows easy integration with site architectures and enables data-driven support from the Energy and Sustainability Services Team at any hotel, large or small.

Schneider Electric's partnership with Hilton

- EcoStruxure Resource Advisor software compiles, consolidates, and displays energy usage data for a given hotel site
- Consultants support procurement decisions and advise on sustainability programs
- Automated bill management minimizes late fees and utility pricing discrepancies
- Innovative building management solutions reduce energy expenditures
- Modern room management systems improve guest satisfaction



Achieving energy savings and sustainability

Thanks to Schneider Electric, Hilton can achieve energy saving results appreciated by management and also by a growing number of eco-minded guests.

Those are energy savings, amounting to around 3% per year and 14.5% since 2009, that Hilton can reinvest into its already world-class — and now more sustainable — guest experience.

EcoStruxure Resource Advisor capabilities

- Provides local data and customized dashboards for each site, as well as portfolio-wide analytics
- Visualizes market data for commodities price forecasting and risk management programs
- Tracks carbon emissions and inventories on a dedicated sustainability homepage
- Manages data streams including electricity, water, gas, steam, and waste

4,500+

Properties around the globe

3%

Energy savings per year

14.5%

Energy savings since 2009

"We have averaged 3% savings per year through energy procurement and cost avoidance. With those savings we can invest in additional amenities to make the guest experience exceptional."

— Thomas Webster, Director of Strategic Sourcing Energy Management, Hilton Worldwide

EcoStruxure™
Innovation At Every Level

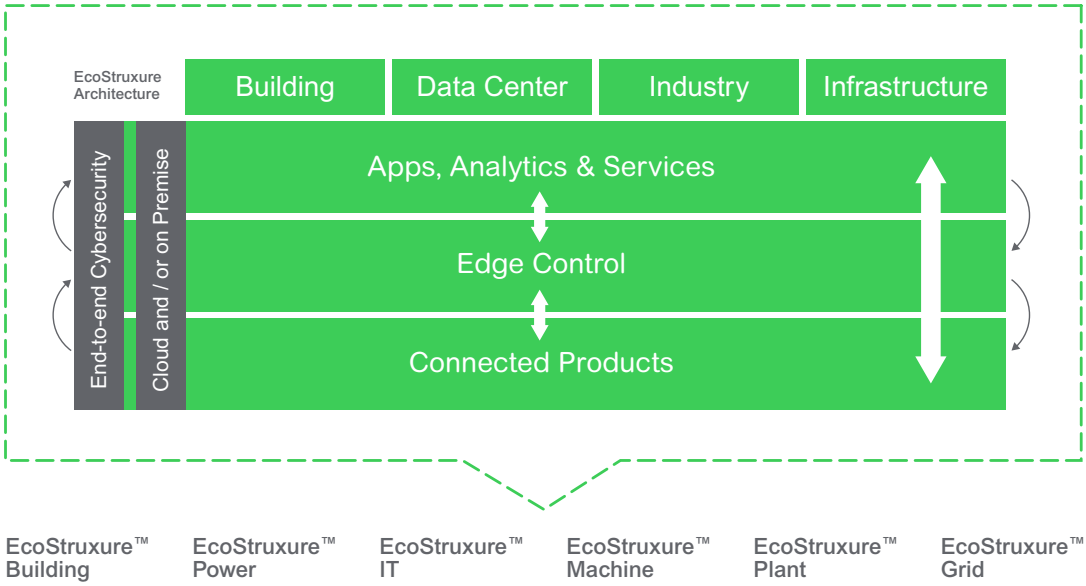
IoT-enabled solutions that drive operational and energy efficiency

EcoStruxure is Schneider Electric's open, interoperable, IoT-enabled system architecture and platform.

EcoStruxure delivers enhanced value around safety, reliability, efficiency, sustainability, and connectivity for our customers.

EcoStruxure leverages advancements in IoT, mobility, sensing, cloud, analytics, and cybersecurity to deliver Innovation at Every Level including Connected Products, Edge Control, and Apps, Analytics & Services. EcoStruxure™ has been deployed in 480,000+ sites, with the support of 20,000+ system integrators and developers, connecting over 1.6 million assets under management through 40+ digital services.

One EcoStruxure architecture, serving 4 End Markets with 6 Domains of Expertise



EcoStruxure™ Building | EcoStruxure™ Power | EcoStruxure™ IT | EcoStruxure™ Machine | EcoStruxure™ Plant | EcoStruxure™ Grid

Connected Products

The Internet of Things starts with the best things. Our IoT-enabled best-in-class connected products include breakers, drives, UPSs, relays, sensors, and more. Devices with embedded intelligence drive better decision-making throughout operations.

Edge Control

Mission-critical scenarios can be unpredictable, so control of devices at the edge of the IoT network is a must. This essential capability provides real-time solutions that enable local control at the edge, protecting safety and uptime.

Apps, Analytics & Services

Interoperability is imperative to supporting the diverse hardware and systems in building, data center, industry, and grid environments. EcoStruxure enables a breadth of agnostic Applications, Analytics & Services for seamless enterprise integration.

Find out more about EcoStruxure

schneider-electric.com/ecostruxure

Learn More

Discover EcoStruxure™

Discover EcoStruxure™ for Hotels

EcoStruxure™ Energy & Sustainability Services

Contact us to start your journey

Sheraton on the Park saves 15% on energy bill thanks to EcoStruxure™ Building upgrade

Barcelona Tower Hotel achieves 30% energy savings with EcoStruxure™

Schneider Electric

Boston ONE Campus
800 Federal Street
Andover, MA 01810 USA
Phone: + 1 978 794 0800

www.schneider-electric.com

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*Formerly known as StruxureWare Building Operation

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