

Hilton Copenhagen Airport

CONNECTED

Guests are in control of comfort at Hilton Copenhagen

Schneider Electric's EcoStruxure™ Building solution allows guest to control their room environment while the hotel saves energy in unoccupied rooms.

Hilton Copenhagen Airport - Copenhagen, Denmark



All photos courtesy of Hilton Copenhagen

Introduction

As the first Hilton in Scandinavia – and the only one with its own runway – Hilton Copenhagen Airport caters to fast-lane travelers who demand the very best accommodations.

Hilton needed to provide a comfortable, reliable indoor environment that would please even the most discerning guest. Schneider Electric worked closely with the hotel owners to design a building management system that would both live up to Hilton's fine name and keep energy costs in check.

Located only a brief stroll from the airport arrival and departure halls via a covered walkway, this hotel features contemporary Scandinavian design and incorporates spectacular use of natural light throughout, from corridors to individual rooms.

As a five-star venue, Hilton Copenhagen Airport could not afford to compromise on guest comfort. With conference facilities for up to 450 people, it is a popular place for business meetings and conventions. And because the hotel is situated at one of Europe's major hub airports, guest turnover tends to be high. This means staff face the type of difficult logistical problems that only a modern BMS can solve.

The Challenge

Most guests checking in to Hilton Copenhagen Airport are harried business travelers whose main objective is to relax after a long flight or a hard day's work. Therefore the hotel's owners wanted guests to experience a pleasant indoor environment immediately upon arrival and have the possibility of adjusting individual room temperature during their stay. With 382 rooms, conference facilities, a pool and a 24-hour fitness club, staff also needed a sophisticated monitoring and control tool that would keep different automation subsystems running smoothly.

The Solution

Hilton enjoys a worldwide reputation for first-class guest comfort and service. Since comfort depends greatly upon room temperature, Schneider Electric focused on finding a practical way to correlate the heating and cooling systems in guest rooms to guest arrival and departure.

Schneider Electric's EcoStruxure™ Building* solution integrates heating, ventilation, and air-conditioning (HVAC) control with the hotel's booking system to trigger an adjustment in heating and

Goal

Provide a comfortable, reliable indoor environment by designing a Building Management System that would match Hilton's brand and keep energy costs in check.

Story

Located only a brief stroll from the airport arrival and departure halls via a covered walkway, this hotel features contemporary Scandinavian design and incorporates spectacular use of natural light throughout, from corridors to individual rooms.

Solution

- EcoStruxure™ Building*
- Integration with Property Management System

Results

- Improved guest comfort through individual guest room control
- Integrated individual guest room control with hotel booking system
- Energy savings in unoccupied rooms
- Flexibility for future changes and upgrades



382

Number of rooms

4.5

Rating on TripAdvisor



cooling when guests check in and out. This feature provides an efficient way of controlling energy costs for unoccupied rooms and allows busy staff more time to plan room preparation.

The Bottom Line

Schneider Electric's EcoStruxure™ Building solution provides both energy management and personalized comfort control in guest rooms, enabling Hilton Copenhagen to improve both energy efficiency and the guest experience. Guest satisfaction is evidenced by the hotel's 4.5 rating on TripAdvisor, and its ranking among the top 25 Hotels in Denmark--winning TripAdvisor Travelers' Choice Award for 2016.

Hotel Profile

Hotels are highly complex, energy intensive environments. Multiple, divergent systems don't share information. Maintenance is difficult and often reactive. Hotels need to leverage technology to achieve operational excellence, drive down energy consumption, and ensure the highest levels of guest satisfaction.

At Schneider Electric, we simplify complexity with a single, integrated platform that connects all assets, systems, devices, and services for monitoring, analysis, and control of hotels. This enables you to drive operational efficiency and staff productivity. Our Hotels offer is the most comprehensive on the market, and includes Guest Room Solutions, Common Area Solutions, Electrical Power and Energy Solutions, Integrated Building Management Solutions and a host of Maintenance and Sustainability Services.

Hotels around the world leverage our expertise to improve financial performance, reduce carbon emissions and energy costs, and reinvest savings into the guest experience.

EcoStruxure™

Innovation At Every Level

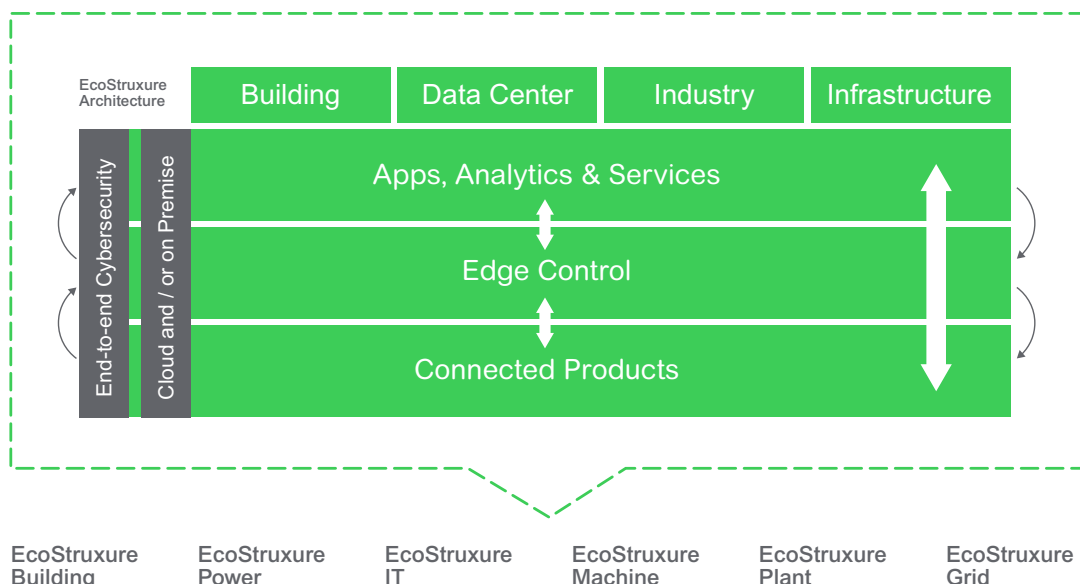
IoT-enabled solutions that drive operational and energy efficiency

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 450,000+ installations, with the support of 9,000 system integrators, connecting over 1 billion devices.

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



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



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Discover EcoStruxure™ Buildings



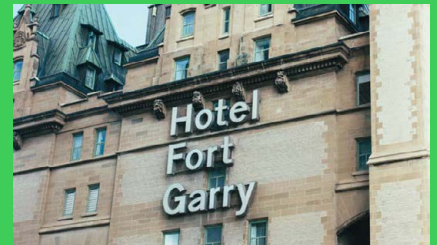
Learn more about our Hotel Building Management



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Efficiency in the desert with Hilton Garden Inn Dubai Mall of the Emirates



Innovation transforms landmark Fort Garry Hotel

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 TAC Vista

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