

# DIGITAL

## Mersin Integrated Healthcare Campus

CCN Holding  
Mersin, Turkey

Discover how EcoStruxure™ for Healthcare and EcoXpert™ helped shape Mersin Integrated Healthcare Campus — the next-generation digital hospital.

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**EcoStruxure™ for Healthcare offers Connected Products, Edge Control, and Apps, Analytics, and Services from three domains of expertise within Schneider Electric's IoT-enabled EcoStruxure architecture: Power, Building, and IT. Together, these innovations help hospitals thrive at every level — from the emergency room to the executive suite.**

### Summary

Mersin Integrated Healthcare Campus (MESK) is the first city hospital in Turkey to be developed using a Public and Private Partnership (PPP) model, and uses EcoStruxure for Healthcare to ensure safe, reliable and efficient operation of the 1,300-bed facility — from management offices to operating theatres.

### A unique infrastructure for patient care

After around one year in operation, the hospital was named the “Best PPP Project” in the Middle East and Eastern Europe by EMEA Finance Magazine. Following the HIMSS digital hospital assessment, the facility was rated as EMRAM Stage 6, giving it the “Digital Hospital” status.

In such a large hospital, the management of energy and operations is crucial, since any failures can result in both material and non-material losses. This means that applications need to be managed by experienced, professional organizations. With this in mind, Schneider Electric develops solutions that guarantee operational continuity and reliable energy, even under the most challenging conditions.

Efficient and reliable solutions from Schneider Electric not only make the lives of staff and patients easier, they also ensure that hospital services can run safely and without interruption. In addition to sales, the company also provides field services, maintenance and spare-parts supply for its hospital solutions and products, with at least one member of Schneider Electric staff available on site at all times. All IT information from the EcoStruxure architecture is compiled and made available to the business to provide them with essential data and enable savings.

## Goal

To build a hospital that is equipped with integrated solutions, can be run efficiently and safely and can meet all daily requirements.

## Story

At MESK, human life always comes first. This was put into practice when the hospital was opened around one year before the contract period had even started.

## Solution

The digital hospital architecture is compatible with the Internet of Things and ensures that all engineering functions are clearly visible. Schneider Electric's master EcoXpert partner, Mas Otomasyon, was responsible for implementing this EcoStruxure architecture in the field. Real-time management has helped boost energy management and productivity.

## Result

- Awarded EMRAM Stage 6 “Digital Hospital” status following the HIMSS assessment
- Hospital infrastructure compatible with the technology of tomorrow
- 25% potential energy savings



## Applications and solutions used

EcoStruxure Building Operation is used to monitor card access and CCTV as well as detecting any weak current systems.

The high levels of integration provided by the EcoStruxure architecture allow the hospital to keep up with all kinds of changes. The EcoStruxure Building Operation software is also used for auditing.

Schneider Electric's hospital-specific architecture, EcoStruxure for Healthcare, uses its energy management architecture to control

three different power supplies in the hospital. Thanks to this, the hospital has achieved energy savings of up to 25%.

## EcoXpert partnership

At Mersin Integrated Healthcare Campus, Mas Otomasyon — Schneider Electric's master EcoXpert partner — was responsible for integrating the automation systems for medium-voltage and low-voltage energy, lighting and mechanics into EcoStruxure Building Operation.

# 25%

potential energy savings



## EcoXpert Partner Program

Schneider Electric's EcoXpert Partner Program is unique in its industry and made up of a best-in-class global ecosystem of expertise. Trained and certified by Schneider Electric, EcoXperts are the implementation arms of EcoStruxure in homes and buildings all over the world.

The EcoXpert Partner Program unites the world's leading technology providers, who exhibit best-in-class system integration competencies in facility optimization, reliable infrastructures and energy management, with its customers around the globe. Stronger together, this partnership cultivates collaboration, connects expertise, and delivers best-in-class services and solutions.

To find out more, visit [EcoXpert Partner Program](#).

"Thanks to Schneider Electric's IP-based solutions, which can be integrated into all kinds of devices and systems, and IP cabling infrastructure Actassi, the hospital project team has been able to adapt quickly and easily to changes."

"We chose to work with Schneider Electric and Mas Otomasyon, a certified EcoXpert™ partner specialising in BMS, KNX, security and energy automation solutions. The team's expertise, simple project management and fast installation meant working with Mas was easy and straightforward."

**Özkan Çakır**

Mas Otomasyon, Project & Sales Coordinator

**Timur Balta**

General Manager, CCN Healthcare



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# EcoStruxure™

## Innovation At Every Level

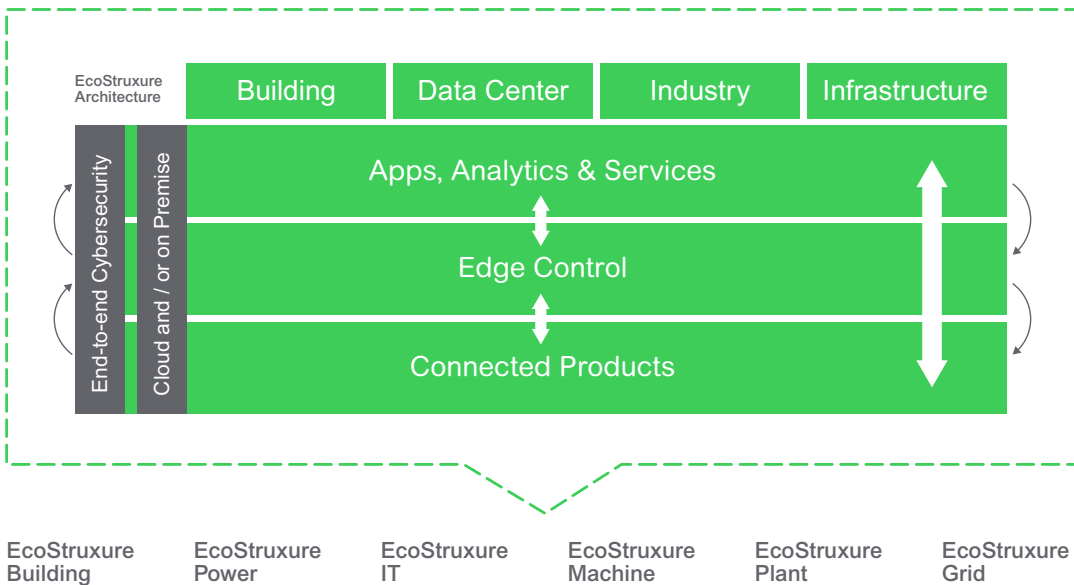
### IoT-enabled solutions that drive operational and energy efficiency

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



#### 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/healthcare](https://schneider-electric.com/healthcare)



# Learn more



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Discover Healthcare



Discover EcoXpert



EcoStruxure Building Operation



EcoStruxure Power Monitoring Expert



EcoStruxure Building

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