Digitized Healthcare
with patients and staff in focus

2°c
lower intake air

leading to improved indoor climate and greater energy savings

Increased comfort and indoor climate for the health of patients and hospital staff. Schneider Electric has combined expertise in digital buildings and energy efficiency into healthcare, optimizing indoor climate and efficiency, whilst creating a future-ready and people-centric hospital.

One of Denmark's largest hospitals is an example of how facility managers and operators must consider optimal indoor air quality, like ensuring the right air temperature, for reduced sick days amongst patients and staff. Schneider Electric's approach to healthier buildings is based on two fundamental principles: people-centricity and a hyper-efficient building, enhancing the well-being and productivity of patients and staff while reducing energy costs.

Focus on indoor climate

The hospital leveraged Schneider Electric's advanced digital solution, EcoStruxure, to create a safer, more reliable, and more comfortable experience for staff and patients. EcoStruxure Building Advisor – Asset Health analyzed building data to implement fact-based improvements. During hot summer months, the hospital repurposed temperate air that escapes through the ventilation system from operating theaters to cool other rooms, lowering the intake air by 2°C through a program change, resulting in improved indoor climate, lower costs and greater resilience for future summers.
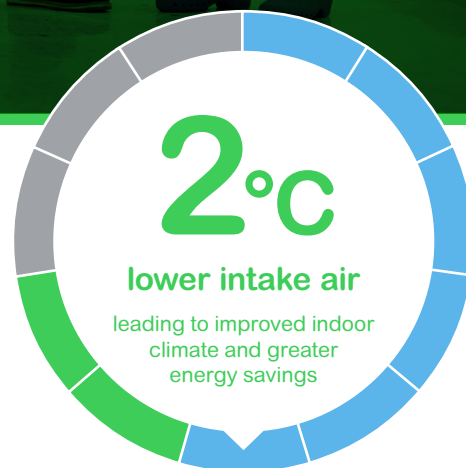
Improve patient and staff comfort

Reduction of energy consumption

Resolve maintenance issues

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Informed decisions with data

A digitized healthcare facility can monitor and manage building systems such as HVAC, lighting, security, and fire alarms, ensuring they operate efficiently and effectively. Furthermore, implementing smart building technology allows hospitals to collect vast amounts of data from various systems and sensors in the building, leading to improved operational efficiency and reduced energy consumption.

By analyzing the data collected from the building, facility managers can make informed decisions on how to improve the indoor climate further, leading to a more productive workforce, reduced sick leave, and improved patient outcomes. In conclusion, digitized healthcare with a focus on indoor climate and energy efficiency brings numerous benefits to hospitals, including improved patient outcomes, increased productivity and comfort for staff, reduced energy consumption and costs, and a safer and more reliable environment. Schneider Electric's expertise in creating healthier buildings, combined with their advanced digital solutions like EcoStruxure, is paving the way for a more sustainable and efficient healthcare sector.

Key benefits in healthcare

Improve patient and staff comfort, with faster recoveries and reduction in sick leave

Reduction of energy consumption

Optimize time and effort to **resolve maintenance issues**

Proactively detect and diagnose potential system and equipment problems

People-centric
Designed to be responsive to people & patients

Hyper-efficient
Seamlessly controlled by end-to-end digital platform

Do you want to know more about this solution?
Contact Schneider Electric on phone 35 15 90 00 and ask for your Digital Energy technican or Account manager.

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