

Customer Experience: Sterile storage in a hospital



SITE:

Central Hospital
Mikkeli



PROBLEM:

The Central Sterile Services Department is responsible for providing medical supplies, equipment and instruments used in the treatment and examination of patients. The department cleans, disinfects, inspects and sterilises all types of objects and also keeps some of the equipment used in the hospital's surgical ward in its sterile storage facility. The department and its storage facility are a critical node in the hospital's logistics, where maintenance of hygiene is crucial for preventing the spread of pathogens.

SOLUTION:

Blue WiSDOM AiR photon disinfection lights were installed in the sterile storage facility to enable efficient disinfection of the entire area. All contact surfaces, as well as walls, ceiling and floor, were treated with a catalytic coating to improve the disinfecting power of the system. At night the disinfectant lights are automatically switched on by a timer. A presence detector is used to sense anyone entering the facility at night and will turn off the blue lights for the duration of their presence. Disinfection continues automatically when the facility is unoccupied once more.



BENEFITS:

“The photon disinfection system is an improvement in hospital hygiene. Notably, it is used to destroy microbes on the surfaces of the Central Sterile Services Department. In the long term, the blue lights can prevent the spread of hospital bacteria.”

-Vesa Mäkeläinen, Head of Central Sterile Services Department