

AEOS Locker Management in Hospitals

Every hospital provides lockers for their employees to store personal belongings. Electronic Locker Management offers some major advantages over lockers with traditional mechanical keys. Mechanical keys may get lost or stolen and the management of mechanical keys is very time consuming. Also, employees may occupy multiple lockers or occupy lockers they don't actually use and there is no insight in current and historical use of the lockers.

AEOS Locker Management solved similar problems at several hospitals with several kinds of RFID card technologies, resulting in a smaller number of required lockers and major space and cost savings.



The case

While carefully planning a renovation and modernization, a major Dutch hospital realized that insufficient space would be left to provide permanent lockers for all 1600 employees after the renovation. The hospital therefore asked us if we can offer a solution for their space problem.

The hospital required a dynamic locker system, meaning that employees can only use lockers during their shift and cannot use lockers outside working hours. This significantly decreases the number of required lockers. However, the hospital demanded that the system can make exceptions for certain employees that need a permanent locker.

The hospital's security manager required that the lockers would be operated with the MIFARE cards that all employees use to access the hospital. Mechanical keys were not an option, considering the hospital's bad experience with traditional locks and key management. Employees would no longer have their own permanent locker, so they required a user friendly locker system to make sure the new lockers would be accepted. The IT department's restrictions favored a locker system that does not require software installation on local computers or that depends on the network.

The solution

The hospital opted for AEOS Locker Management, because of its support for using lockers dynamically. A Nedap certified business partner carried out the consultancy and implementation and was able to meet all their requirements:

- The total number of required lockers was reduced from 1600 to 700, thanks to the principle of dynamic locker management.
- Employees open their lockers by simply holding their MIFARE card close to the door. A red/green led indicator shows the availability of the compartments. Queuing for a terminal is a thing of the past. This makes the system intuitive and convenient.
- Employees cannot occupy their locker any longer than their shift takes. Exceptions can be made for selected employees.
- Permanent communication with the locks offers integrated intrusion detection and provides an up-to-date overview of the usage of the locker without the need to install software locally.
- With access rights stored locally, the system does not depend on the network.
- Key management and replacing locks are a thing of the past, saving on maintenance costs.



Optimal integration

As one of the managers of the hospital says:

“AEOS Locker Management enabled us to get the most out of our existing employee badges. Our employees can safely store their clothing and personal belongings in the lockers. There are always enough lockers available, as employees can no longer keep them occupied. The space and money that we have saved by implementing this solution has been put to good use; extra care and treatment of people.”

Project

A hospital with approximately 1600 employees

Challenges

Because of a renovation / modernization there was insufficient space to give all 1600 employees their own permanent locker. Key management was time-consuming and expensive.

Solution

AEOS Locker Management

Results

- Space savings
- Cost savings
- 700 lockers required instead of 1600