

AEOS Locker Management in a Distribution Center

Distribution centers are characterized by a large share of temporary workers and are often operational 24/7. Employees and temporary workers are usually not allowed to carry personal belongings during their work shift. They are therefore required to safely store their personal belongings in a locker. Many distribution centers use access cards for their access control, which they prefer to use to also give access to the lockers.

AEOS Locker Management enables organizations to use their current RFID access cards for their Locker Management and to cut on costs by reducing the number of lockers required by enforcing that lockers are never occupied unnecessarily.



The case

A large 24/7 retail warehouse that already uses AEOS for their access control approached us in their search for a solution for reliable electronic Locker Management. They experienced that without supervision, some employees would keep lockers occupied until their next shift. Almost 45% percent of their workforce was hired on a temporary basis. Temporary workers would sometimes keep lockers occupied, even if they would not return to the warehouse, resulting in a shortage of available lockers and high costs due to replacing locks. The company wanted to replace their lockers, but did not want to expand the total number of lockers, because of costs and space. Preferably, their current intrusion detection and IP-video management system would be integrated with the locker system, to ensure the highest level of safety.

In addition, the company searched for a solution to safely store valuable headsets used by their operators to communicate. They wanted to store the headsets in special lockers, that may only be accessed by the operators.

The management required a solution that would provide information about the use of the lockers. Also, they wanted the system to be very intuitive, given the high rate of new temporary workers. Finally, they wanted the workers to use their Nedap RFID access card to access the lockers.

The solution

Considering their requirements, the company opted for AEOS Locker Management. A Nedap certified business partner carried out the consultancy and implementation and was able to meet all their requirements:

- Employees use their current Nedap access cards to operate the lockers. They simply hold their card next to the door to (un)lock their locker, reaching the highest level of user friendliness. A red/green led indicator shows which lockers are available.
- The headsets are safely stored in lockers that can only be accessed by the operators.
- Permanent communication with the locks provides up to date information on actual and historical use of the lockers, using a standard web browser.
- Only the operators can open the lockers in which the head sets are stored. AEOS Locker Management allows multiple authorizations per lock.
- AEOS Locker Management integrates Locker Management with IP-video management, access control and intrusion detection. Tampering will immediately be detected and will trigger an alarm.



A perfect choice

The security manager of the company says:

“We are very happy with AEOS. We were already familiar with AEOS access control, hence the addition of Locker Management was simply the next step for us. Our employees are especially happy that they can use their current access card to claim a locker by simply holding it close to the door. It’s so intuitive that it needs no further explanation. Also, workers having to search for available lockers is a thing of the past.”

Project

A 24/7 retail warehouse

Challenge

*Employees occupy lockers unnecessarily
Multiple authorizations per lock for storing head sets.
Integration with current access card
Intuitive system required*

Solution

AEOS Locker Management

Result

- Integration with access control
- Integration with IP video management
- Historical and live usage data available
- Intuitive to use with current access card