MOL Logistics / TransQuest

Access Control

Case Study

MOL Logistics

Mr Roland Verbraak, Operations Manager at MOL Logistics describes his company's security issues:

"One of our main concerns was that lots of truck drivers were constantly walking through our entire office building and warehouse area. In our 40,000m2 warehouse, our customers' (valuable) goods are stored and we could not afford to have external people walking through the buildings. After a thorough investigation, we found the 100% Hands-Free solution from Transquest."

This system offers MOL:
- Access Control for both employees and visitors
- Attendance Control (For instance, to be able to supply the fire service an overview of everyone onsite within minutes)
- Time Registration of our own staff but also for temporary workers.
- The ability to tag valuable goods. Only authorized staff may move these items.
- A great sales advantage. Our competitors cannot offer similar levels of automated security!

Transquest

The Transquest solution is based on Active RFID. The Tags, manufactured by Wavetrend, generate a unique signal every 1.5 seconds saying "I am here". This signal can be transmitted over a distance of up to 200 meters in an open environment, or around 50 meters in a normal office environment. Signals are received by tamper-proof Readers which are located in strategic places out of sight. Depending on the authorization rules, as defined in the software, certain Tags allow entry to a building during certain hours, and times in and out are automatically registered. The life span of a Tag is about 5 years, so this is a long-lasting and cost-effective system.

ReQuest

- Locates people and assets in different zones.
- Automatically opens or closes doors, turnstyles etc.
- Displays in real-time the individual location of any Tag.
- Creates distress signals or warning messages any time
- Unauthorized Tags are sensed or if tagged items like laptops are leaving permitted zones without their owner.
- Supplies on line tracking and tracing information.
- ReQuest has a web-based user interface.
- Manages CCTV cameras. Cameras can be set to begin recording if a tagged item, such as a piece of art, is moved.
- Fault tolerant database architecture. The system keeps running even if the database is temporarily offline.
- ReQuest is easy to implement with Microsoft Windows, Linux,
- MS SQL Server, MSSQL, Oracle, VMware and Citrix environments

Active RFID

Active RFID is currently used in many types of environment, and brings an excellent return on investment (ROI). Hospitals, manufacturing industries, logistics companies, office buildings security for museums and prisons have all benefitted from Active RFID's many applications.

Applications

- Attendance registration
- Access control
- Handling of alarm signals
- Automatic log-in procedures
- Time registration
- Asset management
- Security of laptops and other valuable company items

TOTAL VISIBILITY. ANYTIME. ANYWHERE