TransQuest Tag & Tracing Solutions

Plukon Poultry - Access Control & Employee Visibility

Case Study

Wavetrend Channel Partner

TransQuest Tag & Tracing Solutions B.V. is a Netherlands-based integrator that provides RFID access and security solutions to a wide variety of clients and environments, including tracking systems for office buildings, museums, logistics operations, prisons and hotels.

Business Challenge

Plukon Poultry is one of the largest food manufacturers in The Netherlands and supplies the major food service restaurants in continental Europe. As a food service company, its production facilities must be secured against any possible threat of contamination or food tampering. The company needed a factory access control and employee visibility system that could operate in a 100% hygienic environment.

Solution

TransQuest Tag & Tracing Solutions developed an access control and time registration system that met Plukon's requirements for a hygienic, hands-free identification solution. The system uses Advanced Positioning Systems' SmartTag software and Active RFID technology from Wavetrend.

RFID-enabled employee identification badges transmit location data every 1.5 seconds to Wavetrend Readers throughout the facility. This data is then transmitted to the SmartTag software, which is integrated with Plukon's existing human resource management, payroll administration and workforce management systems.

The solution provides secure access to authorised personnel while keeping accurate time and attendance records. In addition, the system has helped Plukon manage its emergency evacuation plans by providing real-time location data on all employees in its facilities.

The system is also used for asset management and Activity Based Costing (ABC) via remote productivity measurement on production lines. Readers placed in the manufacturing facilities register each employee's hours worked, so that Plukon can determine how many man-hours were spent in that location on any particular day. The system also tracks the whereabouts of laptops, flatscreen displays and other high-value assets.

"We are very excited about Plukon's choice," said John Melchers, Managing Director of TransQuest. "The combination of tracking and tracing in a rather complex, industrial environment shows the diversity of application that can be covered with Active RFID. We are convinced about the added value that we offer Plukon".

TransQuest has implemented the SmartTag system at Plukon's production sites in Wezep and Dedemsvaart (together representing 1,000 employees). There are plans to expand the system across the entire enterprise.

Results

- Provided hands-free, hygienic access control solution.
- Accurate time and \ attendance data.
- Activity Based Costing has improved productivity measurements.
- Improved evacuation management and employee safety

Customer Comments

"We purchased the system for access control, time registration, evacuation management and zone registration. We are impressed by the standard functionalities of the system."

Ray Mennink
Corporate IT Manager, Plukon Poultry

TransQuest

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