

TransQuest / Alcatel-Lucent Nederland

Access Control, Asset Tracking, Time and Attendance

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

Alcatel-Lucent Nederland, wanted to update its access control system in order to better secure its facilities, improve security for its staff, and provide a better way to manage evacuations in the event of an emergency.

Solution

Alcatel-Lucent needed a reliable, hands-free solution to replace its existing magnetic card access control system. In addition to security, the new system had to provide time and attendance data to the human resources department at Alcatel-Lucent's offices in Rijswijk, The Netherlands. TransQuest Tag & Tracing Solutions has implemented an RFID-based solution at the facility that not only meets Alcatel-Lucent's security needs, but also provides real-time asset management functionality.

The solution, in place since 2005, combines the SmartTag software from UK-based Advanced Positioning Systems (APS) and Active RFID Tags and Readers from Wavetrend. Employee RFID-enabled photo ID badges provide time-stamped, hands-free access to the Alcatel-Lucent parking garage and offices. Readers on every floor detect and register the presence of these Tags, and can dynamically record their movements in the SmartTag software. Visitors to the building are also given temporary ID badges that provide controlled access to the facility.

In addition to the employee badges, audio-visual equipment (such as projectors), artwork, and company laptop computers are tagged with the Active RFID technology. Alcatel-Lucent can easily locate its assets, and alerts are triggered by the software system when unauthorized Tags enter the facility, or when a laptop leaves the premises with someone other than authorized personnel.

In the event of an emergency, Alcatel-Lucent is able to quickly locate all employees and visitors, and can rapidly organise a building evacuation.

"Alcatel-Lucent is a good example of an organisation which has utilised most of the features available in the SmartTag software application, which, combined with Active RFID, is a sophisticated solution," said John Melchers, Manager Director at TransQuest. "Not only does it provide access control and time and attendance management for employees, but it also protects audio visual equipment and laptops that have been equipped with Tags."

The system not only provides a hassle-free way to manage building security and time and attendance tracking, but also has established an audit trail for the location and movement of valuable company assets. It has improved employee safety by keeping the Alcatel-Lucent offices secure, and increased the effectiveness of the company's emergency evacuation plan.

Results

- Improved building security.
- Improved staff safety and evacuation management.
- Provides real-time asset tracking of audio visual equipment.
- Prevents laptop and asset theft.

Customer Comments

"We are very excited about this system. For a long time we were looking for a 'user-friendly' time registration and access control system for our employees. In addition, due to our Evacuation Policy, it is of paramount importance that we have a system that reports to us in real time the whereabouts of both employees and visitors in our offices. The only thing that our employees need to do is carry their Active RFID Tag with them. Registration is completely automatic."

Hans van der Kooij
Manager General Services, Alcatel-Lucent Netherlands

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