Unique RFID/Co-op North West Logistics
Logistics Tracking and Placing

Case Study

Wavetrend Channel Partner
Unique RFID Ltd is a UK-based RFID distributor and integrator for Wavetrend RFID products, delivering innovative solutions for clients requiring access control and real-time tracking systems for office buildings, logistics, and schools. Unique provides RFID solutions to a wide range of clients throughout the UK and Europe.

Business Challenge
The North West Co-op required a system that would recognise a Cab and Trailer moving on and off their site in the West Midlands. They needed to send logistics units entering the site, to a designated Warehouse loading bay, so that they could utilise all bay areas, and ensure that their goods yard was tidy, averting traffic holdups.

Solution
To address the challenge Retalix a very prominent Logistics company, contacted Unique RFID to assist them in their quest to deliver a saleable and working system. After round table discussions between both companies it was decided that to achieve a suitable system, we would require Wavetrend RX210 Readers and TGA Tags. Retalix would provide their logistic Software in which we would integrate the Wavetrend protocols to give them real time tracking (date and time stamp) so that the information on Trucks entering and exiting could be captured.

Unique supplied and fitted RX210 Readers inside the gate houses and Antenna were mounted outside at chassis level. The TGA Asset Tags were mounted on each trucks’ chassis. As the trucks entered the site with the Tags affixed, their unique Identification would be seen and accepted. Retalix supplied a Large Led Screen mounted on the gate house so that as each truck is identified. The software would tell the LED screen which designated bay he has to proceed to.

The system would then know that the truck was on site. When that truck was seen leaving site the system would know that the loading bay was empty.

With this Wavetrend and Retalix system in place it provides a hassle-free way to manage the Flow of traffic in and off site for location and movement. This requires minimal day to day management and as such has cut down on the time of personnel directing traffic and has increased traffic flow.

Results
- Secures Co-ops depot, establishing an automated access control system to all vehicles attempting to gain entry.
- Allows the Co-op to expand the system as it grows.
- Provides Co-op with actionable information for more effective management.
- Permanently fixed Tags cannot be compromised, dislodged or exchanged.