**Wavetrend 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, plus many other.

**Business Challenge**
The East Midlands Ambulance service required a system that could monitor all moveable equipment carried in their ambulances at all times. As they were losing a fair number of costly and strategic units, they also required an automated audit trail for each ambulance.

**Solution**
To address the challenge, Terrafix, a very prominent Telematics company, contacted Unique RFID to assist them in their quest to deliver a saleable and working system. After testing and assisting Terrafix, with Wavetrend products and systems, we came to a decision that our RX50 solo Reader plus Antenna would be ideal for the project. This unit was connected through the telematics system in each Ambulance Cab which also reported back to head office allowing all the data from the RX50 Reader to be monitored both in the cab and at head office at the same time. The Wavetrend Tag that proved to be acceptable for this project was the TGMS Asset Tag that could be strapped on to any of the pieces of equipment that the Ambulance would carry.

With this system in place, the East Midlands ambulance service could monitor in real time what equipment each ambulance is carrying. If in Emergency out in the field a piece of equipment was inadvertently left behind, the Terrafix system would alert both the driver and head office as soon as the driver has moved, and is out of range of the RX50 Reader. An audible sound would alert the Driver as well as head office. The driver if able would stop and retrieve this expensive equipment. At times there could be a critical emergency happening in which there are many Ambulances involved, and the wrong equipment could be picked up by another Ambulance crew, as soon as it is bought on board an alert tells them that this does not belong to them, and Head office can inform the driver where his assets are.

**Results**
- Decreased Expenses per Ambulance
- Provides real-time of equipment
- Permanently fixed tags cannot be compromised dislodge or exchanged.