



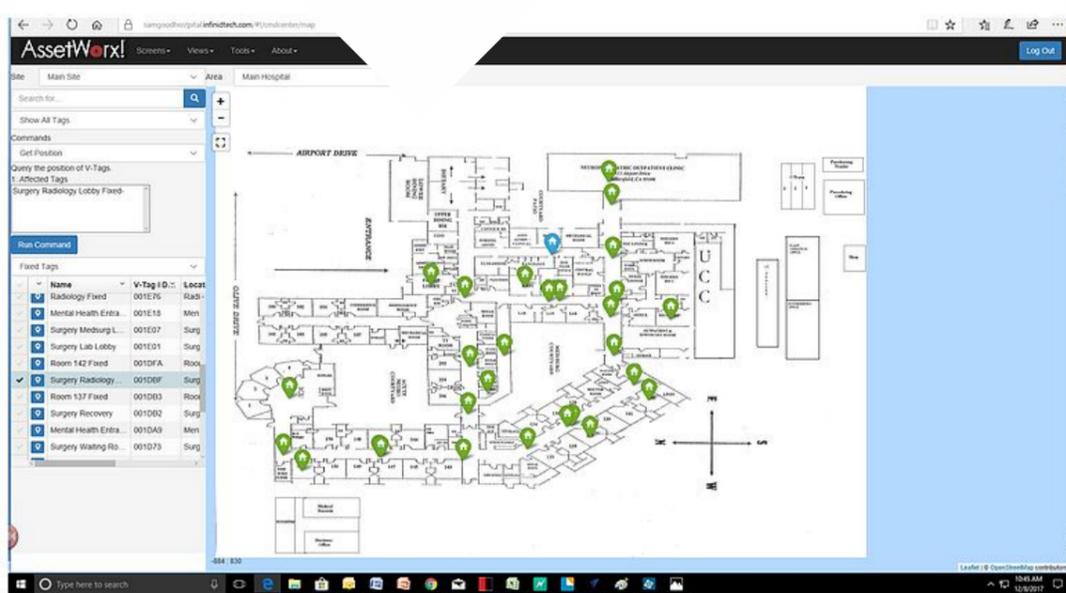
RFID - WHITLEY EMISSION TEST CENTRE

Project Overview

The Whitley Test Centre had a requirement to test a large number of vehicles each month for emission standards.

Vehicles, both from the assembly line and external sources would be brought and parked within the facility. This meant up to 60 + cars could be onsite at any time, most without registration plates and, due top the nature of the testing, being moved between different parking spaces in and out of the facility.

Searching for a vehicles location and knowing at what stage of testing it was at was taking up time and effort.



(Image is an example of a location map with tags and does not relate to Jaguar Landrover)



LOCATION

JLR - Whitley



DATE

November 2014



PHOENIX STATUS

Accredited Supplier



NET VALUE

£ 24,350.00



MAIN EQUIPMENT

- AssetWorx Gateway & 'V' Tag System
- Samsung Touch Screen Monitor

Project Details

Using the AssetWorx RFID solution, a matrix of Gateway tags was set up within the workshop area. This was superimposed over an electronic plan of the workshop, test cell, internal and external parking areas with the various cells and parking bays predominantly marked.

As each vehicle was booked into the facility, they were allocated a 'V' Tag. The tags details were entered into the database along with the relevant information regarding the vehicle.

The engineers could now access the database from the touch screen monitor easily locating the exact position of the tag and associated vehicle down to a specific parking bay, or test cell, a huge time saver when a large number of cars were the same model and colour. In addition to it's location, the data for the vehicle could be updated at each location so inspectors had a record of where it went and what was done up to the point when it was discharged.

The tag system also had additional benefits. The first was as an alarm. If a vehicle was attempted to be removed before completion or the tag returned, on passing a particular point it would trigger an alarm and activate the closing of the facilities doors.

Another advantages was the ability of the tags and gateways to monitor certain ambient conditions such as temperatures and light levels.

We may be small, but we make a big impact