



Quixote Transportation Technologies to highlight its world-leading intelligent transport solutions at Gulf Traffic 2009

Quixote Transportation Technologies, Inc. (QTT), a leading provider of high-tech, innovative solutions for the transportation industry, is known globally for its high quality range of products which includes Highway Advisory Radio (HAR); integrated systems; portable and permanent traffic counting systems; distance measuring instruments; Road/Runway Weather Information Systems (RWIS); fixed and mobile pavement sensors and user-friendly software.

“We’re delighted that world-leaders such as QTT are participating in Gulf Traffic 2009,” said Sarah Woodbridge, Group Director - Exhibitions, IIR Middle East - organisers of Gulf Traffic, the Middle East’s premier transport and infrastructure show, which is staged in Dubai every two years. “The advanced traffic and weather systems that they can offer to governments across the region can have a major positive impact on infrastructure development.”

QTT’s participation at Gulf Traffic 2009 follows their recent success in providing an innovative traffic solution for the Thailand Intercity Motorway Office. Faced with a motorway network that is not completely closed, the challenge on this particular project was that vehicles can move in and out of the system for free, avoiding the toll sections - a major problem, as the revenue collected from the tolls goes toward operating and maintaining the motorway system. The Intercity Motorway Office needed to know the number of vehicles using the system, as well as their classification, in order to determine their loss of revenue. QTT’s Thai distributor, New Trend Development Company, proposed the use of QTT’s permanent wireless traffic sensors, known as Groundhog G-10 traffic analysers. “The Groundhogs use wireless communication, which saves a lot of installation cost compared to other systems,” said J.J. Nutayakul of New Trend Development Co.

A total of 140 Groundhog G-10 traffic analysers and 35 Local Base Units were deployed for the Motorway project. The Groundhog G-10 traffic analysers collect vehicle count, speed and classification data, as well as basic pavement temperature and condition data. They are placed in the roadway, flush with the pavement, and feature a removable lid so that sensor components can be removed during road maintenance or sensor maintenance. “The Groundhogs are easier to maintain than loops and are perfect for areas where permanent traffic data collection is needed, such as this project,” added Nutayakul.



Each Groundhog G-10 traffic analyser reports data back to a roadside device called the Local Base Unit. The data is viewed using Wireless Data Management (WDM) software, which was created by Quixote specifically for use with the Groundhogs. Using the WDM software, data collected can be reported in a variety of charts, graphs or other data displays. New Trend Development Company worked with Thammasat University to handle the initial data collection. They analysed the data and provided a final report for the Motorway, which allowed them to view the much-needed data without having to maintain equipment or hire additional staff for data analysis.

QTT is just one of many of the exhibitors showcasing innovative products and solutions to the critical business issues faced by the thousands of industry professionals who will visit the show. Gulf Traffic takes place at Dubai International Exhibition Centre from 6-8 December 2009, and offers industry visitors the opportunity to view first hand the latest technological advancements in traffic and transport industries, make new contacts and set up supply channels.

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