



JOINTLY ISSUED BY QUANTUM INVENTIONS PRIVATE LIMITED AND LAND TRANSPORT AUTHORITY SINGAPORE

QUANTUM INVENTIONS PARTNERS LAND TRANSPORT AUTHORITY TO DEVELOP COMMON TRAFFIC INFORMATION PLATFORM

1. Soon, motorists may be able to receive live traffic information on devices, such as GPS navigation systems or radios that are fitted in their vehicles.
2. Currently, GPS technology only allows drivers to pin point their location on a map and plan driving routes without taking into account real-time traffic information.
3. Land Transport Authority and Quantum Inventions Private Limited have partnered to develop a Traffic Information Platform (TRIP) that allows systems to receive and process live traffic information in a form that is useful for motorists as well as systems. Quantum Inventions has been working with LTA to develop this platform since Jan 2007.
4. The joint collaboration is part of ongoing efforts by LTA to leverage on the latest intelligent transport systems (ITS) technology to optimise the use of the road networks.
5. Under the joint development, Quantum Inventions connects directly into LTA's Intelligent Transport Systems Centre (ITSC) at River Valley Road to receive raw traffic data. The Traffic Information Platform further processes the information and prepares it for use on maps provided by commercial vendors and for consumer applications and enterprise systems, such as fleet management systems.
6. The TRIP facilitates dynamic route navigation systems to allow motorists to access real-time dynamic traffic information and to assist them in planning their journeys for a safer and smoother drive.
7. A prototype of a possible dynamic navigation unit that can use this information to automatically route around traffic congestions will be showcased by Quantum Inventions at the Intelligent Transport Systems Asia Pacific Forum and Exhibition from 14 July to 16 July.
8. Quantum Inventions is also launching a mobile phone application that uses the TRIP Platform to provide real-time traffic incidents and travel time information to consumers to aid them in avoiding traffic congestions.
9. The Traffic information platform provides information aligned to International Standards for exchange of traffic information. The Traffic Information, to be made available as a service, is TMC ready and TPEG compliant. TPEG and TMC are both

international standards published under the Intelligent Transport Systems technical committee (TC204) of the International Standards Organization (ISO).

10. Further, to facilitate the development of applications that are interoperable, LTA is planning to develop a unique location table for Singapore for all application developers to use.

11. “Leveraging on technology to optimise the road network has been a key lever in ensuring smooth flowing roads in Singapore. Armed with the real time information, it empowers motorists with the ability to make an informed decision when planning their routes,” said Dr. Chin Kian Keong, Chief Engineer for Transportation, Land Transport Authority.

12. “Quantum Inventions is now looking forward to the exciting space of providing real-time traffic information services, traffic advisory applications and dynamic navigation systems to consumers. Quantum Inventions is committed to providing information and systems that aid consumers and businesses in taking decisions that help towards reducing costs,” said Saurav Bhattacharyya, Executive Director and Co-Founder of Quantum Inventions.

For enquiries, please contact:

Mohit Sindhvani
Quantum Inventions
Tel : 6794 2591
Email : mohits@qi.sg

Aaron Chong
Assistant Manager, Media Relations
Land Transport Authority
Tel : 6396 1568
Email : media@lta.gov.sg