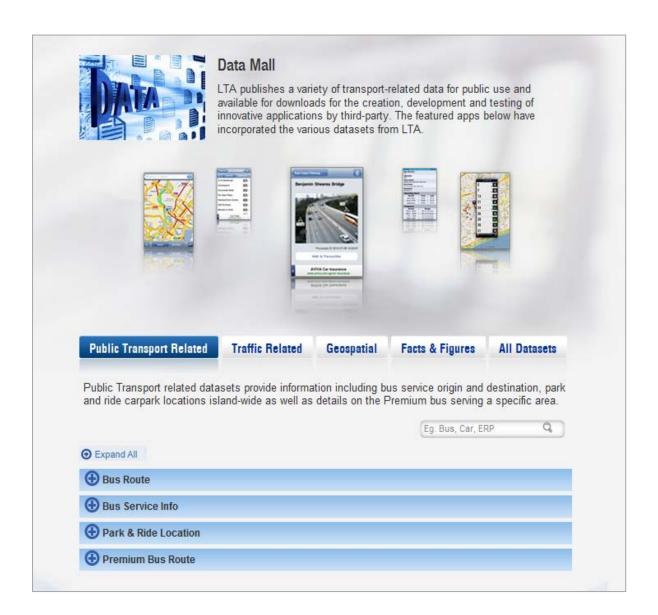# FACTSHEET

Co-Create Transport Solutions with LTA's Open Data

Over the years, the Land Transport Authority (LTA) has been receiving requests for LTA's data from commercial companies including Google, Marina Bay Sands, Resorts World Sentosa and companies developing vehicle navigation gadgets like Quantum Inventions and Agis. The companies needed this data for their own portal development. This data was also sought after by students and researchers from renowned local and foreign universities such as NUS, NTU, Kyoto University, MIT and Stanford University for their final-year theses and research on urban management and transportation.

In line with the growing demand for its data, LTA embarked on an Open Data-Sharing initiative to the public through a cloud computing programme, and as a result **DataMall@MyTransport.SG** was born in November 2011. Located in the MyTransport.SG portal, the initiative's purpose is to share LTA's rich repository of land transport dataset such as public transport, traffic and geospatial data. Since its inception, the initiative has garnered strong interest from business partners, research institutions and 3rd party developers, generating 2 million data downloads per month. This in turn supports more than 8 million monthly hits from 25 new, innovative transport-related applications created on mobile devices such as iPhones and Android phones.

LTA's data-sharing initiative received recognition by the *International Transport Forum* (May 2012) as a leading best practice on how city authorities can involve citizens and communities to co-develop and co-create innovative transport solutions for the benefit of the larger public.

DataMall@MyTransport.SG is an important milestone that marks the synergetic collaboration between LTA, Industry and community to create an ecosystem that encourages the development of innovative transport applications, which empower the public with timely and relevant travel information for smarter travel choices.

List of Datasets Available at Data Mall

S/N	Data Categories	Datasets
1.	Public Transport-Related	- Bus Service Info - Bus Route - Park & Ride Location - Premium Bus Route
2.	Traffic-Related	- Carpark Lots Availability - Carpark Rates - Traffic Images - Traffic Information

S/N	Data Categories	Datasets
3.	Geospatial	− Bus Stop Location − LTA Gantry − LTA Lamp Post − LTA Pedestrian Overhead Bridges and Underpasses − Road Section Line − Taxi Stand Location − Traffic Sign − LTA Arrow Marking − LTA Bollard − LTA Control Box − LTA Convex Mirror − LTA Detector Loop − LTA Emergency Gate − LTA Guardrail − LTA Lane Marking − LTA Passenger Pickup Bay − LTA Pedestrian Crossing − LTA Railing − LTA Retaining Wall − LTA Road Hump − LTA Speed Regulating Strip − LTA Street Paint − LTA Traffic Signal Aspect − LTA Word Marking