

ECO INNOVATION

SUSTAINABLE BUSINESS



ST Electronics

A company of ST Engineering

Eco • Smart

in Transportation

Urban transportation accounts for a significant proportion of greenhouse gas emissions. Public transportation is undisputedly the most eco-friendly method of travel within a city with its ability to move large numbers of people within a single trip. However, in order for it to be an attractive alternative to cars, it needs to be safe, efficient and convenient.

ST Electronics has demonstrated clear expertise and experience in delivering first class rail transportation systems. The company has helped provide an infrastructure for Singapore's efficient, safe and convenient MRT system. The smooth and efficient operations of trains promote public transportation as an efficient alternative for motorists, reducing fuel consumption and pollution.

On the roads, our intelligent traffic management systems monitor and process road traffic conditions, automatically detect and report incidents. Transport authorities and controllers can effectively regulate traffic, despatch aid to motorists quickly and keep them informed of traffic conditions. This helps to drastically reduce road hazards, effectively expand the capacity of road networks and expressways, as well as cut down traffic delays, fuel wastage and pollutions caused by traffic snarls.

With our fleet management systems, we have been enabling fleet and taxi operators to despatch their vehicles efficiently and so avoid fuel wastage due to unproductive journeys.

ST Electronics is developing next-generation transportation solutions. Our telematics and intelligent transportation solutions will equip cars, roads and carparks with intelligence, and interconnect them through communication. This will enable in-vehicle realtime traffic information, route planning and navigation, parking guidance, electronic toll payment, emergency services and other location-based services. Transportation will be more efficient resulting in less wastage.



An Eco-Enabling and Eco-Responsible Company

ST Electronics believes that everyone in the community has a relevant role in preserving the environment.

As an eco-enabling ICT company, we innovate solutions that empower our customers to operate in a sustainable and resource-efficient manner.

As a committed global enterprise, we collaborate with all stakeholders, including our customers, suppliers, employees,

business partners and policy authorities, to contribute towards integrated efforts for sustainable development.

As a responsible member of the community, we are committed to continually improving our emission footprint and mitigating the environmental impact of our operations through the adoption of eco-friendly practices.