


WIRWOOD 461
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PTIPS

Public Transport Information and Priority System

Public Transport Information and Priority System (PTIPS) enhances bus service reliability by providing traffic signal priority; and informing passengers and service providers with real-time bus information, performance and their location.

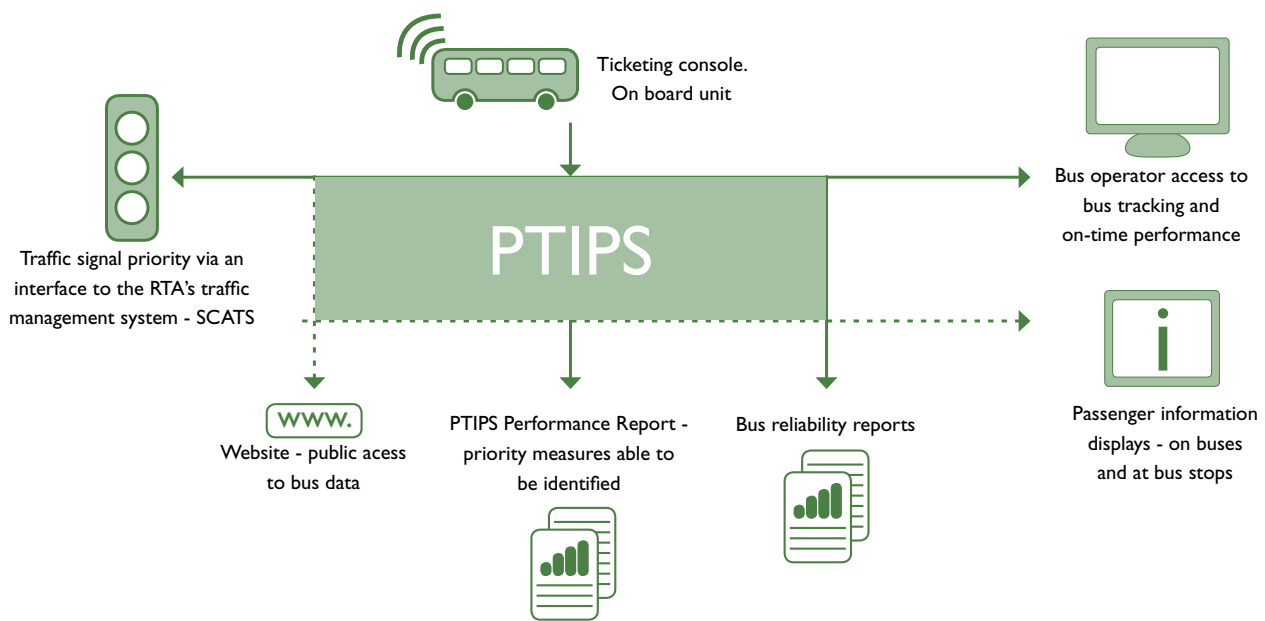
VOLVO

 Sydney Buses

PLEASE
SIGNAL DRIVER

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The Public Transport Information and Priority System (PTIPS) consist of global positioning systems and radio data communications that deliver information about buses and their location. This information is used to forecast the arrival time of buses at traffic signals. If a bus is running late, it can be given priority by altering the timing of the traffic signals using user defined business rules built into PTIPS.

Description

The Public Transport Information and Priority System (PTIPS) is an integral part of enhancing public transport performance and enabling passengers to make informed & easier journey decision making.

Bus Tracking

Buses are tracked via satellite and their locations are then displayed on a map in real time. This recorded information can then be played back at anytime. There is also a wide range of alerts available within the system to help improve service delivery. The system is highly customisable to suit the needs of individual users.

The bus tracking information can also be filtered according to the intended audience.

For example, bus operations can only see buses in their region of operation, whereas PTIPS enables a more global approach where all buses in the network can be tracked.

Bus Priority

When a bus is running late, it can be given priority over other traffic by giving it a green display at traffic signals. This is done in conjunction with the Sydney Coordinated Adaptive Traffic System (SCATS).

The rules that allow priority are fully configurable, but at no time is traffic signal ever compromised.

Bus Performance Reporting

PTIPS can produce various customised reports. For example, different bus performance reports can be generated for bus companies compared to those produced for the entire fleet performance.

Reports can be distributed to other users as required, and the raw data is available for planning purposes. This data may then be used to identify where infrastructure improvements are required to increase the reliability of bus services.

Real-Time Passenger Information

PTIPS supports real-time passenger information displays both on and off buses. Passengers can also choose to receive SMS alerts from a web based service. Information displays at bus stops show the scheduled arrival time until the bus is 2km from the display it then shows the predicted arrival time. This approach improves the accuracy of the displayed arrival times making it easier for passengers to manage their time and travel.

Benefits

The benefits of PTIPS include:

- Enabling buses to maintain their scheduled timetable
- Giving bus passengers a more reliable service
- Keeping bus passengers informed of delays or cancellations
- Enabling bus operators to schedule their buses more effectively
- Service Delivery Planning

Contact Details:

For more information about PTIPS please visit www.scats.com.au or

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