



## SOLUTIONS OVERVIEW FOR PUBLIC TRANSPORT

### Communicate with Confidence

Tait has successfully delivered communications solutions to the Public Transport sector for more than 40 years. Tait has designed, manufactured and commissioned projects in more than 150 countries around the world.

Public transport operators face key performance challenges including: timetable compliance, service interruptions and operational control. Through listening to and continuing focus on their specific needs, Tait people deliver innovative and proven communications solutions to transport customers the world over.

Recent customers include – London Bus, Kuala Lumpur Monorail, Dublin Bus, Brampton, State of Victoria.

### Reliable real-time data and voice communication

Tait communication solutions allow you to:

- To provide a safe, accessible, clean, environmental and sustainable service that encourages car-free modes of transport.
- Plan and manage a dynamic service in a complex environment.
- Improve timetable accuracy ensuring long term route tenure.
- Provide dynamic, timely and accurate at-stop (RTPI) information leading to improved customers' confidence.
- Dynamically balance passenger load and bus deployments.
- Respond quickly in real time to incidents and implement detours and route amendments in a controlled environment.
- Improve crisis management through co-ordinated communication improving staff and passenger safety.
- Reduce operation costs and carbon footprint by increasing traffic flow at traffic lights.
- Leverage their fixed costs (e.g. vehicles) and reduce their variable costs (e.g. fuel and maintenance).
- Improve customer and staff satisfaction levels.





**Working with transport providers and their system integrators, Tait has been supplying mobile radio solutions for more than 40 years. The benefits of working with Tait include:**

**A clearer picture**

From the depot to downtown, from dispatch to the distant suburbs, voice and data cross-city coverage is assured. Tait offers spectrum-efficient, affordable radio solutions with a world beating location (AVL) update rate. This gives a more precise picture of the current fleet deployment.

**Enhance customer service**

With an accurate picture of the fleet, real-time passenger information can easily be provided. This can be delivered to the customer in a number of different ways including bus stop signage. Tait provides wireless solutions that can provide rapid data updates to clear-down these signs effectively. Customer service can also be enhanced by traffic light pre-emption and headway information which delivers better bus speeds and reduces bunching.

**Respond to the environmental challenge**

Public transport is at the heart of most cities' environmental planning. Dynamic fleet management based on real-time location, speed, passenger numbers and fuel consumption data can have a dramatic impact on carbon emissions. Tait radios are designed to be energy efficient.

**Agile co-ordination of large fleets**

Real-time data such as passenger counting allow dispatchers to assign more buses as existing capacity fills or to predict an end-of-day rush. If or when things go wrong, real-time data transmissions allow the operator to quickly pinpoint the problem and recover service and fleet performance.

**Safer employees reacting to the unexpected**

Working with the transport industry, Tait has developed a range of emergency features to give operators peace of mind. Tait radios have also proven effective when fleets react to severe weather, natural disaster or terrorist incidents.

**Integrated transport management**

Tait-designed communication networks easily integrate with other networks and data systems allowing a co-ordinated approach to transport services. For example, a city's bus fleet can be configured for an interruption in the light rail service.

**The right fit for transport**

Tait specialises in the voice and data communication needs of bus, light rail and subway transport providers, as well as a variety of other transport organisations and their system integrators. Talk to us. We will listen!

For more information, please visit our website at [www.taitradio.com](http://www.taitradio.com)

