

# Corporate Profile

*Collaborating with customers to help them achieve safer, more reliable road journeys.*

# Managing Director's Message



Transmax has a well-established reputation as an experienced Intelligent Transport Systems (ITS) solutions provider. Our investment in the evolution of ITS software and services has resulted in a world-class integrated solution designed to optimise performance of the entire road network.

Transmax's ITS platform STREAMS® helps move millions of commuters around Australian road networks every day. Through STREAMS®, our road agency customers are realising the tangible benefits of optimising transport networks including reduced operational costs, significantly reduced travel times, improved road safety and environmental benefits through reduced emissions.

It is Transmax's vision to be thought leaders who collaboratively partner with customers to deliver the next generation of transport management and we are embracing the opportunity to influence the future of transport management. With a knowledgeable and expert team of 150 people committed to the highest standards of quality and working collaboratively with customers, we aim to take Transmax to the forefront of the rapidly-changing ITS industry.

Transmax Pty Ltd is an unlisted Australian company wholly owned by the Queensland Government Department of Transport and Main Roads. We deploy STREAMS® to road agency customers right across Australia including Queensland, Western Australia, Victoria, South Australia, the ACT, and Tasmania. In addition, the success of STREAMS® Smart Motorways in Victoria has led to a planned trial of the technology in Colorado, USA in 2019.

We are committed to meeting and exceeding the needs of our customers, who are at the centre of everything we do, and our commercial success is driven by this focus. With almost 50 years' experience developing, implementing and managing ITS, we are helping our customers achieve safer and more reliable road journeys by providing smarter, more sustainable ITS solutions.

Mark Williamson  
Managing Director, Transmax

# About Transmax

**Transmax provides STREAMS® to more than 13 traffic management centres (TMCs) across Australia, which manage over 110,000 kilometres of roads and 50,000+ ITS devices.**

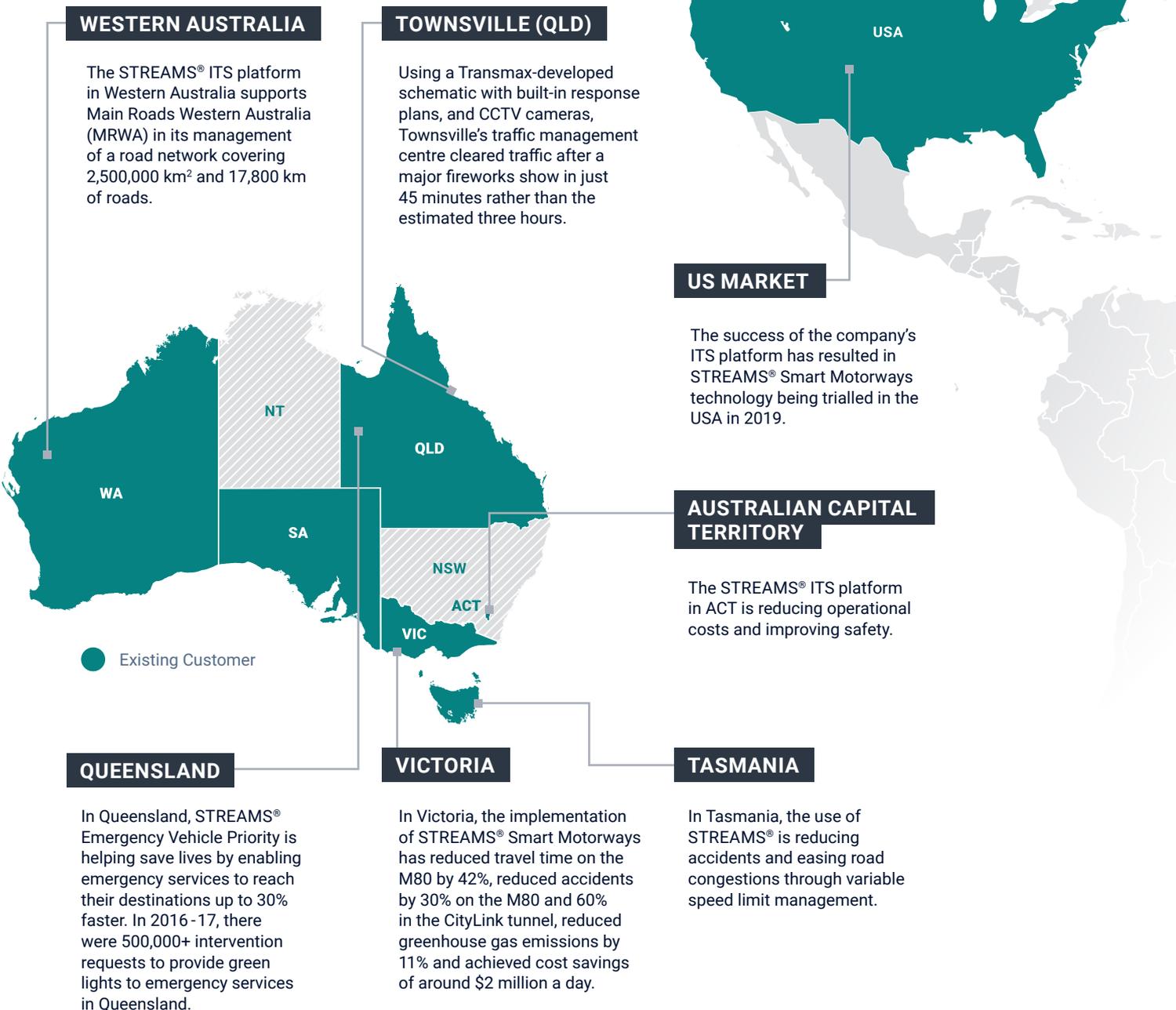
Transmax is the solutions provider of the international award-winning ITS platform **STREAMS®**. We exist to improve people's lives by providing industry-leading transport solutions and help move millions of commuters around Australian road networks every day.

**STREAMS®** was first developed as part of Queensland's Department of Transport and now, as a government-owned entity, Transmax supports other transport departments around Australia and internationally to achieve safer and more reliable road journeys for people in the communities they serve.

We place our customers at the centre of everything we do and work collaboratively to ensure our ITS solutions meet their needs. Transmax offers customers systems engineering, software design and development, along with a range of consulting and support services throughout the entire ITS lifecycle, all delivered with customer service excellence.

With almost 50 years of ITS experience, we help our customers realise the community benefits of optimising transport networks by providing smarter, more sustainable ITS solutions.

# How customers are benefiting from STREAMS®



## WESTERN AUSTRALIA

The STREAMS® ITS platform in Western Australia supports Main Roads Western Australia (MRWA) in its management of a road network covering 2,500,000 km<sup>2</sup> and 17,800 km of roads.

## TOWNSVILLE (QLD)

Using a Transmax-developed schematic with built-in response plans, and CCTV cameras, Townsville's traffic management centre cleared traffic after a major fireworks show in just 45 minutes rather than the estimated three hours.

## US MARKET

The success of the company's ITS platform has resulted in STREAMS® Smart Motorways technology being trialed in the USA in 2019.

## AUSTRALIAN CAPITAL TERRITORY

The STREAMS® ITS platform in ACT is reducing operational costs and improving safety.

## QUEENSLAND

In Queensland, STREAMS® Emergency Vehicle Priority is helping save lives by enabling emergency services to reach their destinations up to 30% faster. In 2016-17, there were 500,000+ intervention requests to provide green lights to emergency services in Queensland.

## VICTORIA

In Victoria, the implementation of STREAMS® Smart Motorways has reduced travel time on the M80 by 42%, reduced accidents by 30% on the M80 and 60% in the CityLink tunnel, reduced greenhouse gas emissions by 11% and achieved cost savings of around \$2 million a day.

## TASMANIA

In Tasmania, the use of STREAMS® is reducing accidents and easing road congestions through variable speed limit management.

Existing Customer

# Benefits of an integrated ITS platform

**For road agencies, there are significant benefits to using the integrated STREAMS® system including:**

- Highly configurable, modern platform
- Modular, scalable architecture facilitating streamlined migrations and system upgrades
- Familiar and intuitive user interface
- Synergy between existing systems and equipment
- Optimised road network performance through a single user interface
- Cost savings through easy-to-enter policies and third-party interfaces
- Secure, flexible data communications
- Reduced training and resourcing costs associated with a single ITS platform
- Efficient data management

**The integrated platform enables customers and the communities they serve to benefit from:**



# What we offer

We work collaboratively with customers throughout the entire ITS lifecycle to transform ITS strategic initiatives into innovative, purpose-fit solutions for customers' current and future needs.

Transmax employs 150 people who work in dedicated teams to manage our customers' requirements.



HIGH-LEVEL SYSTEMS METHODOLOGY MODEL

## STREAMS® ITS Platform:



Smart Motorways



Arterial Management



Device Management



Emergency Vehicle Priority



Schematics



Traveller Information



Business Intelligence



Network Video Management



System Interfaces



Heavy Vehicle Management



# Awards

Transmax and its STREAMS® ITS platform have been recognised as world-leading by numerous national and international awards.

## 2015



### Road Safety Awards

Transmax and partners won the State Government category and the Prestigious Founder's Award for Outstanding Achievement for the Emergency Vehicle Priority Project



### ITS World Congress Hall of Fame

The Queensland Department of Transport and Main Roads (with Transmax and other state government partners) was inducted into the ITS World Congress Hall of Fame in the Local Government category, for playing a leading role in the ITS community and particularly for the Emergency Vehicle Priority Project



### Queensland Road Safety State Government Award

Transmax won this award for the Emergency Vehicle Priority project

## 2014



### ITS Australia National ITS Awards

Transmax, along with Queensland Government project partners, received this award for the Emergency Vehicle Priority project

## 2013



### AIIA iAwards

Transmax, along with its Queensland Government project partners, received this award for the Emergency Vehicle Priority project



### AIIA iAwards

Queensland State winner and national winner in the categories of e-Government for STREAMS® Motorway Management, and Tools and Infrastructure for the STREAMS® ITS platform

2011

- **Asia Pacific ICT Awards (APICTA)** Overall winner in the e-Government category and a Merit Award in the Tools and Infrastructure category
- **Australian Government Achievement Award** West Gate Freeway Upgrade

2010

- **IPA Smart Infrastructure Award** M1 Freeway Management System
- **National ITS Australia Excellence Award** M1 Upgrade
- **IEEE CSS Transition to Practice Award** Ramp Metering Algorithms
- **Alliance Contracting Excellence Awards** Honorary Mention for Excellence in Major Capital Alliances

2009

- **Excellence for Technology Award** Coordinated Freeway Ramp Signals Pilot on M1 Freeway
- **Excellence in Engineering Innovation Award** Coordinated Freeway Ramp Signals Pilot on M1 Freeway

*Transmax supports road agencies to achieve safer and more reliable road journeys through its international award-winning ITS platform STREAMS®.*



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