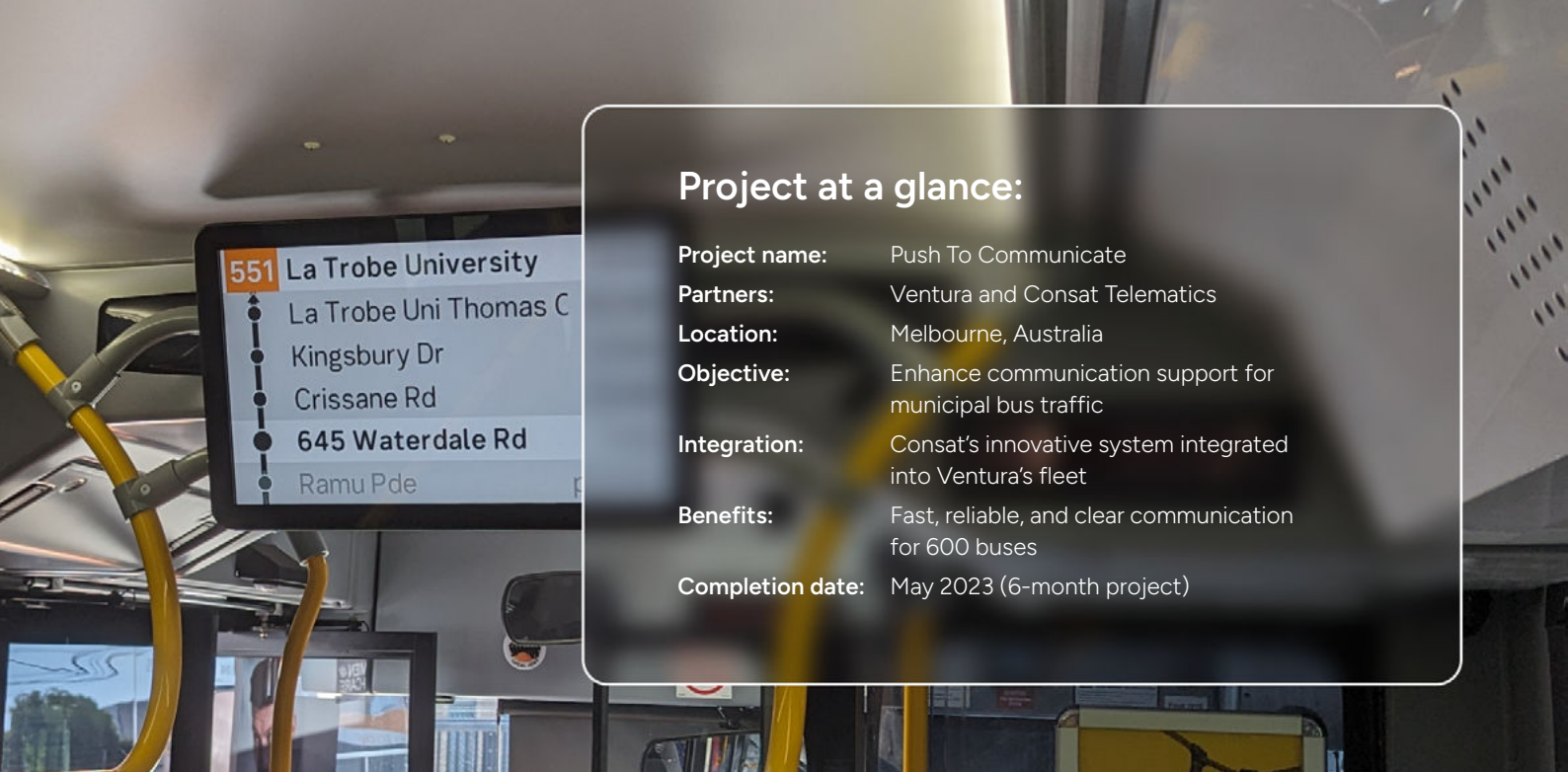


# Driving success: Melbourne's public transport embraces 'Push To Communicate'





## Project at a glance:

<b>Project name:</b>	Push To Communicate
<b>Partners:</b>	Ventura and Consat Telematics
<b>Location:</b>	Melbourne, Australia
<b>Objective:</b>	Enhance communication support for municipal bus traffic
<b>Integration:</b>	Consat's innovative system integrated into Ventura's fleet
<b>Benefits:</b>	Fast, reliable, and clear communication for 600 buses
<b>Completion date:</b>	May 2023 (6-month project)

Over 34 years have passed since Consat's innovative system for public transport was launched. In May 2023, the integration into Ventura's fleet of buses in Melbourne, Australia was successfully completed. This initiative, known as the "Push To Communicate" project, aimed to provide fast, reliable, and clear communication support for 600 buses.

## The situation

Before the integration of Consat's solution, Ventura Buslines' legacy digital two-way radio system was reaching end of life and had a hard deadline for replacement. In addition Ventura needed a system that covered daily operations, live CCTV, fleet management, passenger information and electromobility support.

Teaming up with Consat Telematics marked a crucial step forward in expanding the key functionalities of their buses through the "Push To Communicate" project.

- Ventura faced communication challenges due to outdated systems and limited coverage.
- Operating municipal bus traffic in Melbourne, Australia since 1924.
- Recognized the need to modernize infrastructure.
- Teaming up with Consat Telematics marked a crucial step forward.
- The collaboration aimed to expand key functionalities of their buses through the "Push To Communicate" project.

## The solution

The "Push To Communicate" project involved the fitment of buses with the Consat onboard computer, driver display, PTC speaker and microphone, a new central system hosted in the cloud, data import from Austriacs and several external integrations including to the TIMS fuel system.

The first bus was installed and connected to the new central system within three weeks of signing the contract. To ensure a rich set of data for all vehicle types (diesel or electric) in one place with all "trip context" information provided Ventura the added benefit of accurate and independent reporting to the PTA. It also enabled deeper analysis of operations, to drive efficiencies.



## Functionality

- Push To Communicate (PTC)
- Real time traffic information and monitoring (AVL/CAD)
- Automatic Passenger Counting
- Passenger Information System
- Fleet management
- Electromobility
- External integration to the TIMS fuel system
- Onboard vehicle computer, driver display, PTC speaker, microphone and a new central system hosted in the cloud

# “The Consat system has allowed Ventura to maintain a competitive advantage”

– Hayden Matthews, Planning & Development Manager at Ventura Bus

# 600

## installations completed

Installations in the 600 buses in the Ventura project were completed in May 2023. The implementation is expected to result in good value for money for Ventura.

## With the flexible and reliable solution Ventura becomes the operator of choice in Australia

Among Ventura's future visions and goals, becoming an industry leader in terms of technology tops the list. With "Push To Communicate" they're one step closer to becoming the operator of choice for bus drivers and passengers in general.

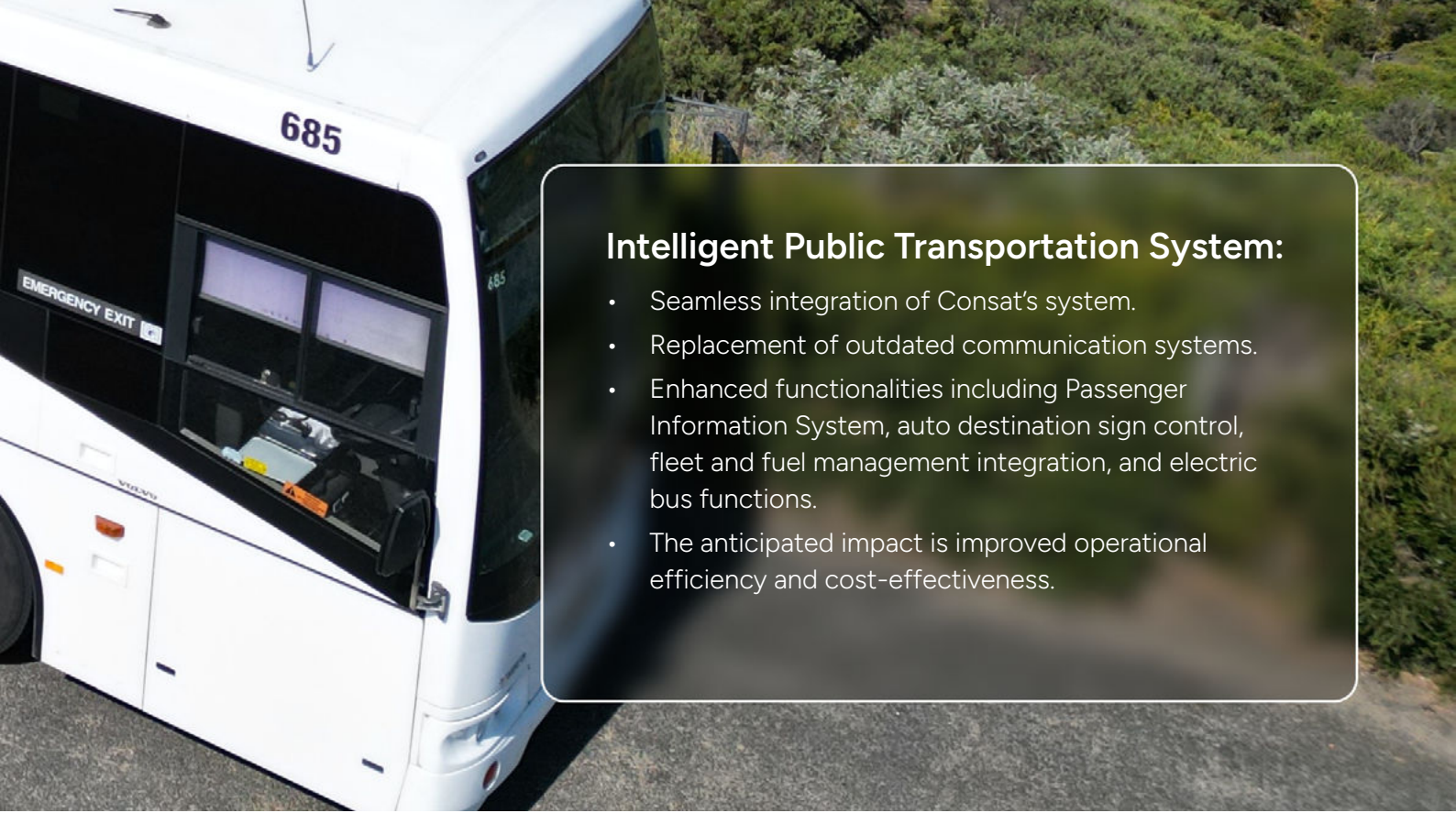
## A partnership

What makes the project stand out for Ventura is the tight-knit partnership between Consat and themselves. A commitment, and a way of working, that's unique compared to other competitors.

## The value in working together

The integration of Consat's innovative system into Ventura's municipal bus traffic in Melbourne marks a noteworthy advancement in the evolution of public transportation. Through collaborative efforts with Consat Telematics, the 'Push To Communicate' project extended bus functionalities, delivering reliable communication support for 600 buses.

Within just three weeks of contract signing, the first bus was installed and seamlessly connected to the new central system.



## Intelligent Public Transportation System:

- Seamless integration of Consat's system.
- Replacement of outdated communication systems.
- Enhanced functionalities including Passenger Information System, auto destination sign control, fleet and fuel management integration, and electric bus functions.
- The anticipated impact is improved operational efficiency and cost-effectiveness.

## Summary

- Improved passenger experience.
- Consat's solutions contributed to higher levels of service to passengers, enhanced safety for drivers and passengers.
- A safer environment for the driver, and a local presence.
- Reduced operational expenses for Ventura.

## Further enhancements realised through the project:

1. **Fast deployment:**  
Specific customisations were delivered in drops over the course of the retrofit program. This approach enabled the project to be completed in the timeframe required. Further the approach meant a 'fast start' to the project, the time from contract signing to the first bus installed and connected end to end was just 3 weeks.
2. **Increased safety:**  
Increased communication network coverage for buses increased safety for drivers and improved operational visibility and support for the Operations and Control Centre (OCC).
3. **A public transportation ecosystem:**  
The standard and open interfaces of the solution also enabled integration to other systems in the Ventura ecosystem.
4. **Data insights:**  
The rich set of data for all vehicle types (diesel or electric) in one place with all "trip context" information provided Ventura the added benefit of accurate and independent reporting to the PTA. It also enabled deeper analysis of operations, to drive efficiencies.

## Summary

Completed in May 2023, the "Push To Communicate" initiative not only showcases Consat's global-standard solutions but also underscores the importance of collaboration and innovation in public transportation.



## Traffic Management

Plan, dispatch and locate to secure public transportation service quality.

## Fleet Management

Monitoring and control for preventive maintenance.

## Passenger Information

Real-time information on-board, at stops and online

## Driver Assistance

Support for a secure, comfortable, and energy efficient journey

## Electromobility

Smart charging for sustainable electric vehicle operations

# Bringing public transportation to life

Consat Telematics is dedicated to reducing the environmental impact of public transportation through cutting-edge innovation and widespread implementation. Aspiring to global leadership in executing electrification and digitalization within public transportation, we serve diverse markets and organizations.

Our promise is a user centric, modular, and adaptable intelligent public transportation solution that never compromises on quality, reliability, and security. By placing our customers at the core, we ensure that more organisations can receive better data to monitor, manage, and improve their operations.

**Contact for more information or a demo:**

[www.consat.com/telematics/](http://www.consat.com/telematics/)