

FreightSync Proof of Concept

Investigating value creation from the exchange of freight vehicle data with transport agencies

September 2021 - June 2023

This project seeks to investigate through a proof-of-concept approach the potential for near real-time data to be securely exchanged between freight operators and transport agencies through a trusted intermediary in a manner that delivers mutual benefit. Based on partner interest the project will focus on two main areas, namely a) securing the exchange of data, and b) evaluating possible associated benefits, and will involve a discrete trial of data exchange in collaboration with partners.

Objectives

The objective of the project is to undertake a demonstration project to investigate the following:

1. How a data exchange platform between freight vehicles and transport related government agencies would operate in practice, in particular consent agreements, and identify any areas for further consideration.
2. Identify specific risks and benefits for both freight operators and transport agencies, including public good benefits, associated costs and opportunity costs, including consideration of utility and benefit of the data exchanged.
3. Identify specific recommendations for wider implementation of the approach, considering different conditions across the network, including recommended areas of technology upgrades to allow greater benefits to be achieved.

Industry Outcomes

The key industry outcomes include:

1. Exploring the potential for improved trip duration, congestion management, performance evaluation, and asset management outcomes.
2. Transport-related agencies to identify ways to harness existing network infrastructure and strategically select new approaches that reduce costs and disruption associated with the projected freight growth.



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