

Telematics Analytics Platform (TAP)



Driving smarter decision making for transport agencies, road managers, and policymakers.

What is TAP?

TAP is a secure, online portal providing Australian and New Zealand transport agencies access to insights derived from diverse transport-related data sources.

The platform transforms a variety of raw data—including vehicle movement data from telematics devices, mass and configuration data from Smart On-Board Mass systems, and road network data from the Geoscience Australia Digital Atlas—to create valuable transport insights.

TAP is powered by data collected from vehicles enrolled in national and state-based telematics schemes through the National Telematics Framework. The Framework enables the standardised collection of vehicle data in an efficient and low-cost manner.

Core benefits of TAP

Enhanced insights for road managers: Supports road managers in understanding vehicle usage patterns through metrics such as journey counts, unique vehicle data, average speeds, maximum vehicle mass, and infrastructure interactions.

Map-based visualisations: Provides actionable insights into transport activity and road infrastructure use.

National and regional applications: Supports analysis that can enhance road network productivity, efficiency, and safety, at both local and national levels.

Reporting on vulnerable infrastructure: Enables road managers to identify and analyse risks to structures like bridges and level crossings to improve safety and asset management.

What are road managers using TAP for?

Insights on movement and loading for vehicles enrolled in the National Telematics Framework (~18,000 vehicles in 2025)



Planning for road upgrades and maintenance



Understanding impact of road closures and detours on traffic, route optimisation



Protecting vulnerable roads and bridges



Data-driven land-use planning



Insight on travel patterns for vehicles in specific industries (including construction and dangerous goods industries)



How do I get started?

Sign up to TAP

Federal, state, and local government representatives can gain access through an application form available at austroads.info/TAP or via the QR code:



Want to learn more?

Austroads is organising a webinar in 2025 on the benefits of using TAP for asset management and transport planning. Register your interest through austroads.info/TAPWebinar or scan the QR code:

