MEDIA RELEASE

21 MARCH 2019

TCA Releases Final Specification for Intelligent Mass

Transport Certification Australia (TCA) has released the final version of the functional and technical specification for Intelligent Mass.

The Intelligent Mass specification defines the performance requirements for technology providers to combine mass data with other telematics data collected from vehicles.

Intelligent Mass responds to a diverse range of needs. Road managers, regulators (across different industry sectors), transport operators and other parties along the supply chain, will all benefit from the availability of Intelligent Mass.

The specification builds upon the capabilities offered by type-approved On-Board Mass (OBM) Systems, which provide high levels of accuracy, reliability and robustness in the measurement of vehicle mass.

Importantly, the specification enables the collection of vehicle mass and configuration data in a standardised and consistent manner through any application of the National Telematics Framework.

Forming part of the National Telematics Framework, the specification references common components of the platform including:

- Telematics Data Dictionary
- Telematics Data Exchange
- associated Business Rules.

Referencing these common components allows the use of Intelligent Mass within applications administered through the government-endorsed digital business platform, with the appropriate level of assurance sought by stakeholders.

This includes both existing applications of the National Telematics Framework, as well as new applications – such as Road Infrastructure Management (RIM) and IAP Lite – approved by the Transport and Infrastructure Council (TIC) in November 2018.

Using these applications with Intelligent Mass introduces an opportunity to drive the next wave of productivity reforms. The Australian Standard for bridge assessment (AS 5100.7:2017), developed in conjunction with Austroads and released in 2017, highlights how collecting mass and configuration data through telematics applications can change the way bridge loading calculations are performed.

Consistent with the Australian Standard, Intelligent Mass can unlock heavy vehicle access constraints – which are often influenced by the outcomes of bridge assessments – by empowering road managers to make improved access decisions based on the availability of vehicle location, configuration and mass data.

TCA wishes to acknowledge the contributions of diverse stakeholders, including road managers, regulators, providers, consumers and peak bodies, during the development and finalisation of the specification.

Visit the TCA website for:

- A copy of the Intelligent Mass Functional and Technical Specification
- Details of type-approved OBM Systems, which are referenced in the specification.

For more information, and to better understand how Intelligent Mass can work for you, talk to us by phone on **(03) 8601 4600** or by email **tca@tca.gov.au**.

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