STATEMENT OF CORPORATE INTENT

2018-19
ABOUT US

Transport Certification Australia (TCA) is the national government body responsible for providing assurance in the use of telematics and related intelligent technologies.

The term ‘telematics’ refers to systems which exchange data between vehicles and other locations, including:

- Vehicle to infrastructure (V2I) applications
- Vehicle to vehicle (V2V) applications
- Vehicle to elsewhere (V2X) applications.

WHAT WE DO

Advice founded on a demonstrated capability to design and deploy frameworks and platforms as enablers for reform

Accreditation in the type-approval and certification of telematics and intelligent technologies and services, that give confidence to all stakeholders for their consideration and use

Administration of applications founded on the National Telematics Framework.

THE NATIONAL TELEMATICS FRAMEWORK

TCA is responsible for the management of the National Telematics Framework.

The Framework is a contemporary digital business platform which delivers:

- Public outcomes through an open technology market, which sustainably delivers upon the needs of government, industry and end-users
- Different assurance levels, based on objectives and risks of each telematics application
- Consistency and certainty to technology providers, so that government positions can be relied upon to make investment decisions
- Competition and choice, with technology providers delivering the latest technological developments at lower costs.

The National Telematics Framework has been adopted as an international standard by the International Standards Organization (ISO).

LINKING PRODUCERS AND CONSUMERS

Similar to other operational frameworks in other portfolios and industry sectors, the National Telematics Framework provides the enabling infrastructure, rules and administrative arrangements which bring together ‘producers’ and ‘consumers’.

The structured interactions of producers and consumers deliver:

- Public outcomes sought by governments, industry sectors and the community (including productivity and safety reforms enabled through the use of telematics)

  together with

- Private interests of individuals and organisations (in pursuing business outcomes through the use of telematics).
OUR MISSION

To support government agencies and regulators by providing outcome-focused, technology neutral, disruption-resilient programs that address:

- Security
- Privacy
- Encourage innovation
- Facilitate an appropriate private sector contribution to the costs of regulation.

OUR VALUES

Professionalism

Accountability

Innovation

Integrity

WHAT WE’LL CONTINUE TO DO

Promote an open technology market (KRA 2.1, 2.3) which:
- Encourages innovation
- Establishes national and international standardisation
- Enables interoperability
- Removes barriers to entry
- Reduces duplication and cost
- Provides competition and choice.

Maintain the National Telematics Framework ensuring it remains flexible and sustainable for regulatory, contractual and commercial offerings and applications (KRA 3.1, 4.1, 4.2)

Review the cost recovery mechanisms for the administration of the National Telematics Framework applications (KRA 6.1)

Deliver a cost-effective, self-sustaining business which continues to reduce cost (KRA 6.1)

Administer telematics applications on behalf of producers using the Telematics Analytics Platform (TAP) (KRA 4.1)

Provide advice on the security, integrity and international harmonisation of Connected and Automated Vehicles (CAVs) (KRA 2.3, 2.4)

Provide data analytics and insights using telematics data (KRA 3.4).
OUR PRIORITIES for 2018-19

NATIONAL TELEMATICS FRAMEWORK ECOSYSTEM

PRODUCERS
Creators of Framework offerings and applications (government bodies, regulators, private sector)

CONSUMERS
Buyers or users of Framework offerings and applications (operators, drivers, end-users)

PROVIDERS
Interfaces for the Framework (telematics and intelligent technology service providers)

NEW APPLICATIONS
• Road infrastructure management application (KRA 1.1, 2.1)
• Road pricing application (KRA 2.1, 2.2)
• On-Board Mass (OBM) Program (KRA 4.2)
• Traveller Information Exchange (TIX) (KRA 1.1, 3.3)
• Intelligent Speed Compliance (ISC) Implementation of spatially defined speed zones (KRA 2.1, 3.1)
• Intelligent Access Program (IAP) Development of business case to Ministers (KRA 2.1, 3.1)

NEW FEATURES
• Real-time alerts (KRA 1.1, 3.1)
• On-demand access to data (KRA 1.1, 3.1)
• Telematics Data Exchange (KRA 2.1, 6.2)
• Interconnectivity of fatigue monitoring devices (KRA 3.1, 6.2)

EXISTING APPLICATIONS
• Type-approved Telematics IVUs (KRA 5.2)
• Certified Telematics Service (CTS) (KRA 4.1)
• Intelligent Speed Management (ISM) (KRA 3.2)

LIGHT
• Alcohol Interlocks (KRA 1.2, 2.2)
• Safety Cameras (KRA 1.2, 2.2)
• Fare Devices (KRA 1.2, 2.2)

HEAVY
• Intelligent Access Program (IAP) (KRA 4.1, 5.1)
• Intelligent Speed Compliance (ISC) (KRA 4.1, 5.1)
• Interim OBM Solution (KRA 2.2, 3.3)

CONSUMERS
Administrators of the Framework and governance of participants

CREATORS
Offerings and applications (government bodies, regulators, private sector)

PROVIDERS
Interfaces for the Framework (telematics and intelligent technology service providers)

TCA
Telematics Data Exchange (KRA 2.1, 6.2)

REAL-TIME ALERTS
• Real-time alerts (KRA 1.1, 3.1)

ON-DEMAND ACCESS TO DATA
• On-demand access to data (KRA 1.1, 3.1)

TELEMATICS DATA EXCHANGE
• Telematics Data Exchange (KRA 2.1, 6.2)

INTERCONNECTIVITY OF FATIGUE MONITORING DEVICES
• Interconnectivity of fatigue monitoring devices (KRA 3.1, 6.2)
KEY RESULT AREAS

1. LEADERSHIP IN TELEMATICS AND RELATED INTELLIGENT TECHNOLOGIES

   1.1 Increase awareness of, and promote a vision of how telematics and related intelligent technologies – inclusive of Connected and Automated Vehicles – can enable advancements to surface transport productivity, safety and efficiency outcomes.

   1.2 Promote and position TCA to be the prominent Australian leader in the provision of high quality, independent Advice, Accreditation and Administration services, to support the current and emerging use of telematics and related intelligent technologies for public purpose initiatives.

2. BUILD KNOWLEDGE SHARING AND RELATIONSHIPS

   2.1 Pro-actively manage relationships to communicate and inform how TCA can enable the cost-effective use of telematics and related intelligent technologies across surface transport modes and policy areas.

   2.2 Support Members and other government bodies, including end-users, to adapt and use telematics and related intelligent technologies.

   2.3 Promote the principles of the National Policy Framework for Land Transport Technology.

   2.4 Work with global standard setters and organisations to lead and be at the forefront of international developments.

3. PROVIDE ASSURANCE

   3.1 Deliver strategic and operational outcomes through the National Telematics Framework.

   3.2 Provide expert advice in the development of telematics and related intelligent technology offerings and applications founded on a demonstrated capability to design and deploy operational systems as enablers for reform.

   3.3 Continue to support the deployment of pilots and trials to demonstrate the practical use of telematics and related intelligent technologies to stakeholders.

   3.4 Provide value to Member and non-Member organisations through the analysis of telematics data.
4. ADMINISTER TELEMATICS AND RELATE INTELLIGENT TECHNOLOGY PROGRAMS

4.1 Continued management of the certification, re-certification and audit program to enable TCA’s Members and other stakeholders achieve policy outcomes through the use of telematics and related intelligent technologies.

4.2 Continued certification of private sector entities wanting to offer telematics and related intelligent technologies.

5. MANAGE LEGISLATIVE AND LEGAL REQUIREMENTS

5.1 Work with TCA Members, the National Transport Commission (NTC) and the National Heavy Vehicle Regulator (NHVR) to ensure IAP legislation continues to align with policy, technical, commercial and operational parameters.

5.2 Effective management of legal agreements for Type-approved and Certified Service Providers and transport operators.

5.3 Effective management of TCA’s privacy obligations and protection of telematics data.

5.4 Promote and advance the interests of TCA’s Members and other stakeholders through the effective management of TCA’s suite of intellectual property.

6. GENERATE PUBLIC VALUE

6.1 Deliver a cost effective, self-sustaining business and cost allocation model to benefit Members and other stakeholders.

6.2 Manage a strong governance framework which supports TCA’s Members and other stakeholders to deliver public purpose outcomes.

7. PROMOTE POSITIVE VALUES AND WORK ENVIRONMENT

7.1 Attract, develop and retain capable people, passionate about their work.

7.2 Continually enhance our strategic, annual and project planning, quality and delivery systems to empower our people.

7.3 Implement systems and processes to create an inclusive and effective work environment.
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