

# Transport Certification Australia

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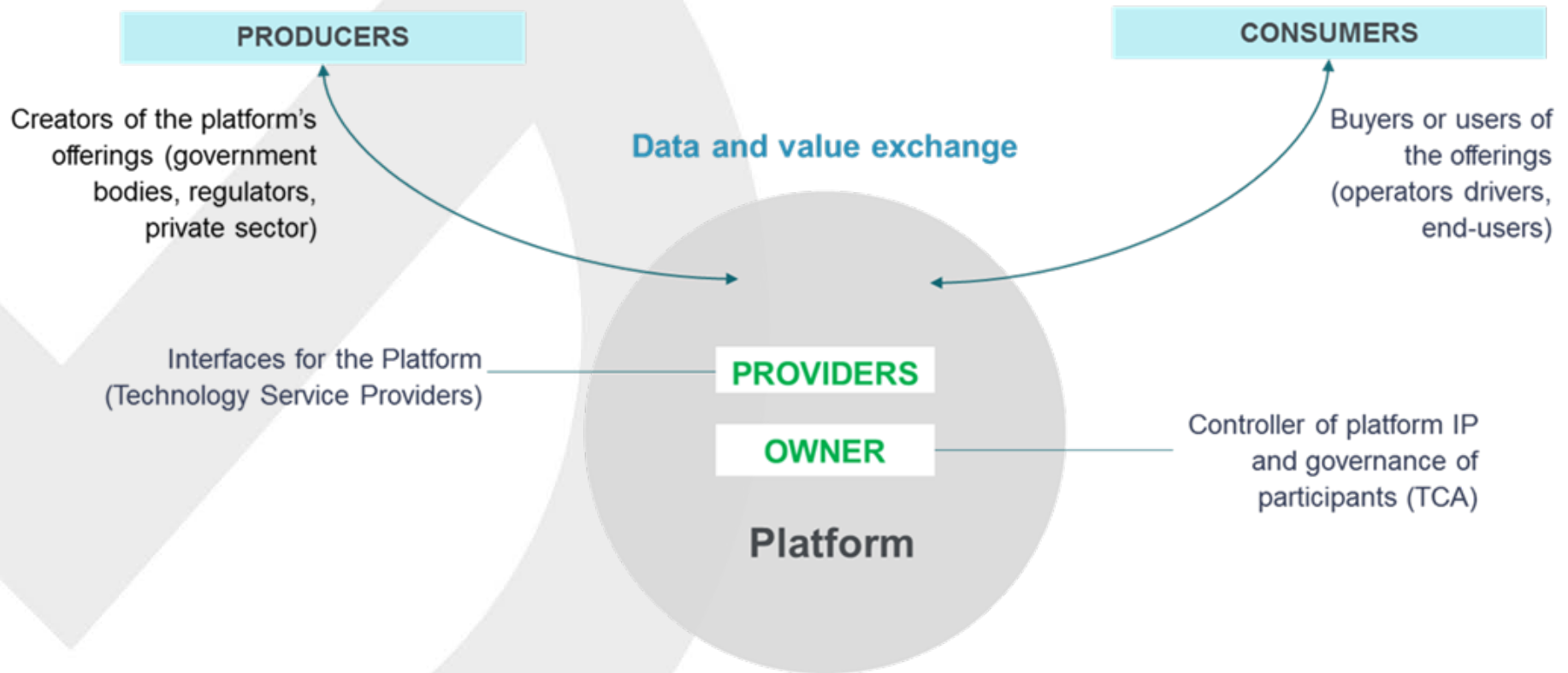
# National Telematics Framework

## – *digital business platform*



- The National Telematics Framework is a **digital business platform with infrastructure and rules** that aims to ensure an **open marketplace** of technology suppliers/providers of systems and services and **enable government policy**
- The **National Telematics Framework** for the delivery of telematics and connected & autonomous vehicle systems and services for both public policy and private decision making is a **world first**

# National Telematics Framework Ecosystem



Pipelines, Platforms and the New Rules of Strategy (2016)

# National Telematics Framework

## – *digital business platform*



The **National Telematics Framework** and its associated common infrastructure and rule set **delivers**:

- An **open technology market**, which can sustainably deliver upon the needs of government, industry and end-user consumers, ensuring choice while delivering the latest developments at increasingly lower costs
- **Consistency and certainty** to providers and end-user consumers, so that government's functional expectations can be relied upon to make both investment and adoption decisions
- The **creating, building and scaling** of applications in a simpler and cheaper environment for all stakeholders

# National Telematics Framework – *digital business platform*



The **National Telematics Framework** and its associated common infrastructure and rule set **delivers:**

- It provides a **privacy by design** approach to use of collected data and information
- Provides **data for research purposes** that allows both public and private outcomes well beyond that of the purpose of any one application

# Currently available applications enabled by the NTF – *light vehicle policies*

Applications	Number	Increase in last 12 months	Level of Assurance*	Administrator
<b>Light Vehicles</b>				
Alcohol Interlocks	≈ 1,000	n/a	3	TfNSW/RMS DoT WA
Safety Cameras (taxis, hire cars, rideshare)	≈ 3,500	n/a	2	TransLink (TMR)
Fare Devices	≈ 7,000	n/a	2	Numerous Regulators

\*Levels of Assurance

1. Self-assessment	e.g. Self-assessment by consumer or supplier
2. Independent assessment - periodic audit	e.g. Information gathering and collation with other data sources
3. Independent assessment - oversight	e.g. Certificate based data and evidence

# Currently available applications enabled by the NTF – heavy vehicle policies

Applications	Number	Increase in last 12 months	Level of Assurance*	Administrator
<b>Heavy Vehicles</b>				
Type-approved capable IVUs (June 17)	38,779	27%	1	TCA
Intelligent Speed Management (ISM)	>90% of HV	n/a	1	TCA
On-Board Mass Systems	<30% of HV	n/a	2	Numerous Regulators
Commercially available apps	100%	n/a	1	Numerous Providers
Intelligent Access Program (IAP)	4395	14%	3	TCA
Intelligent Speed Compliance (ISC)	1533	49%	3	TCA
Interim OBM Solution	290	61%	2	TCA
Certified Telematics Service (CTS)	187	-5%	3	TCA
Traveller Information Exchange (TIX)			1, 2 or 3 Subject to individual use	TCA
Low Speed Guidance (LSG)	2	n/a	3	TCA
Road Pricing			1,2 or 3 subject to policy	TCA

\*Levels of Assurance

1. Self-assessment	e.g. Self-assessment by consumer or supplier
2. Independent assessment - periodic audit	e.g. Information gathering and collation with other data sources
3. Independent assessment - oversight	e.g. Certificate based data and evidence

**Thanks**