



Registration Data Acquisition – National Heavy Vehicle Registration

June 2018



I'm excited!!!!!!!!!!!!



Why YOU Should Be

- The NHVR is developing a platform that makes it easier for you to do business.
- The platform makes it easier for the NHVR to be an effective Regulator.
- National Registration is the first step and very important in that journey.

Changes to National Registration

- From 1 July:
- New national heavy vehicle number plate introduced in the ACT, NSW, QLD, SA and TAS
- Registration labels removed in the ACT, NSW and QLD (previously removed in SA, TAS and WA). Still required in NT
- Option for fleet operators across all jurisdictions to set common registration expiry dates for ≥ 2 vehicles (already offered by most jurisdictions but minimum number of vehicles varied)

Changes to National Registration

- From 1 October:
- New national heavy vehicle plate introduced in VIC
- Registration labels removed in VIC
- Free read-only access to details of registered assets on new Registration Module on NHVR Portal (all jurisdictions except NT)

What will be delivered?

- Fully functioning 'Operator Portal'
 - **NHVR Portal – Registration module (new)**
 - **Combined view for customers of their national fleet**
- **Data Exchange** – to allow consumption of national data sets
- Analytics and reporting tools to deliver **business intelligence**

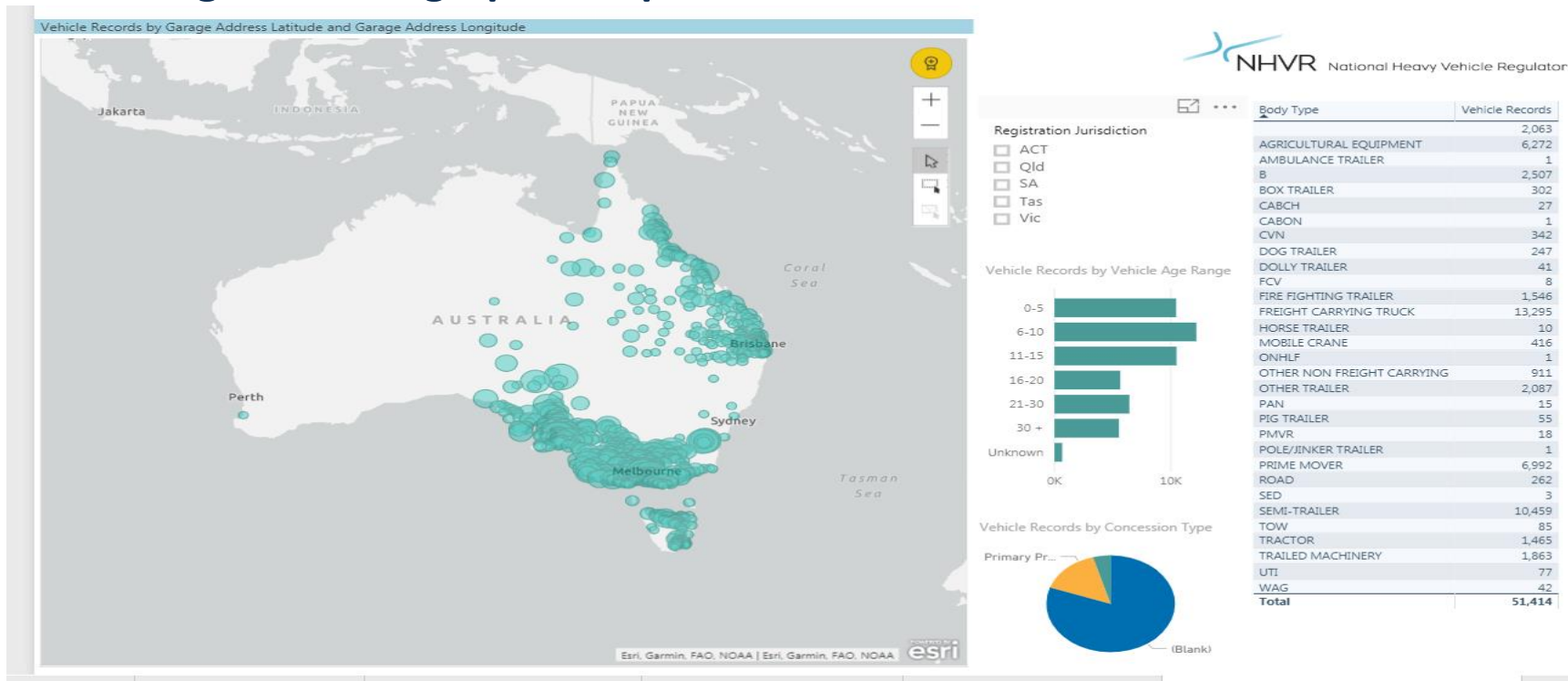
EXAMPLE 1 – Operator Portal

Registration details

SUMMARY								ADD TAB
DETAIL								
EXPIRING								
SIMPLE REPORT								
TAB OPTIONS ▾		VIEW REPORT ▾		LINK REGISTRATION ACCOUNTS				
	Account...	State	Plate	Year Make Model	Status ▾	Start Date	Expiry	
<input type="checkbox"/>					not empty ▾			
<input type="checkbox"/>	ACT9881019	ACT	YZO542	2002 VOLVO L70D LOADER	Registered	01-Jun-2017	01-Jun-2018	
<input type="checkbox"/>	ACT9881019	ACT	YJJ48B	2011 ISUZU NPS	Registered	01-Jun-2017	01-Jun-2018	
<input type="checkbox"/>	NSW001	NSW	FOX1	2005 MOORE ATM OVER 4.5T	Registered	10-May-2017	10-May-2018	

EXAMPLE 2 – Data Analytics

Vehicle Age and Geographical Spread



National heavy vehicle plates

National plates will be issued in participating jurisdictions whenever:

- a new heavy vehicle is registered
- an unregistered heavy vehicle is re-registered
- a state or territory registration is transferred to a participating jurisdiction
- a lost, damaged, destroyed or stolen number plate is replaced
- a vehicle is transitioned from the Federal Interstate Registration Scheme (FIRS)

Note: some exclusions apply

- National plates:
 - are retained when re-registering a vehicle in a participating jurisdiction
 - transfer to the new owner with the vehicle— providing the transaction is occurring in a participating jurisdiction
 - can be obtained voluntarily by surrendering existing state/territory plates
- Nationally consistent fee of \$25/set applies (trailer plate treated as a set)
- Replacements for lost, damaged, destroyed or stolen plates must be arranged through jurisdiction of registration
- Personalised plates still available



What Problem Does This Solve?

- Limited national view of the heavy vehicle fleet.
- Only about **10% of the fleet visible** through regulatory services such as access, accreditation and PBS.
- We need a **more complete picture** of heavy vehicle operators, their fleets and fleet movements.
- Without visibility of operators, their fleets and fleet movements, it is **difficult for the NHVR to optimise** its resources to deliver effective regulatory services through a risk based framework.

What We Are Making?

The INPUTS

REGISTRATION and LICENSING



Consistent Data Set

NATIONAL CAMERA NETWORK



Fixed and Mobile Data Capture

INTERCEPTS and INCIDENTS



Realtime Data Capture or Historic

INTERNET of THINGS



NHVR UNIQUE NATIONAL DATA SET



NHVR Regulatory Platform

NHVR Portal
Mobile Apps
Data Exchange
Analytics

The OUTPUTS

KEEPING YOU MOVING

Improved Customer History
Consistent Data Set
Improved Turnaround
Dependability



KEEPING YOU SAFE

Targeted / Informed
Efficient and Effective
Risk-Based Investigations
Evidentiary Level

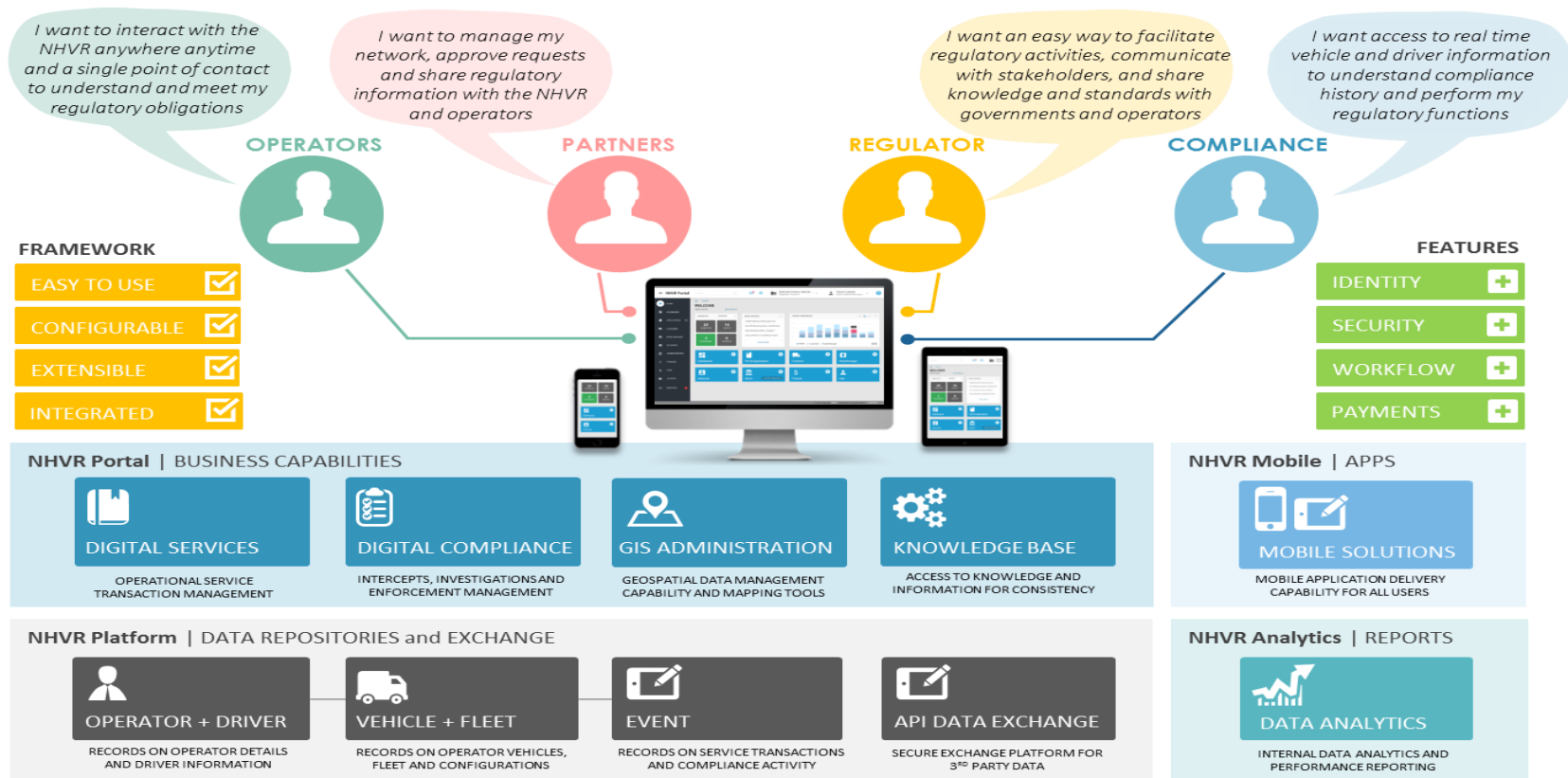


CREATING OUR STRATEGIES

Improved Decisions
Smarter Planning
Better Intelligence
Strategic Policies



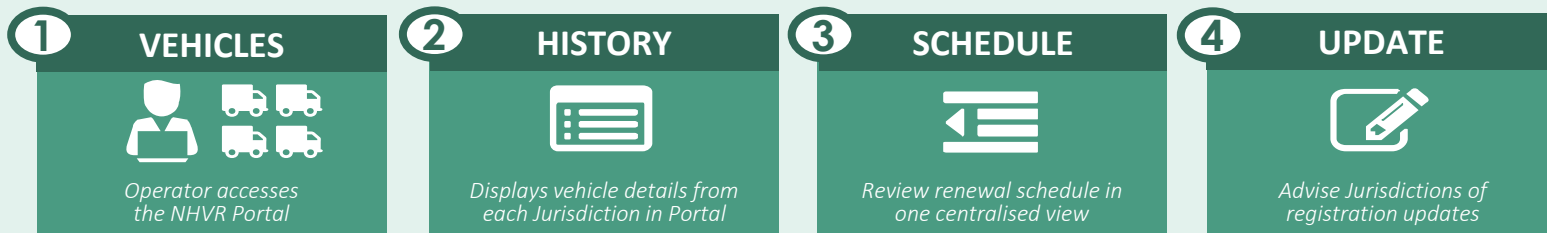
What's planned for the future?



Scenario: Fleet Management

OPERATOR ACTIVITY

A heavy vehicle operator has trucks registered across the country and needs to view registration details and renewals



PLATFORM ELEMENTS

An overview of the Regulatory Platform components that will be connected to the activity undertaken

Elements	Elements	Elements	Elements
NHVR Portal REGISTRATION MODULE - Operator Details	NHVR Portal REGISTRATION MODULE - Vehicle Details - Configuration Details	NHVR Portal REGISTRATION MODULE - Filtered dataset of vehicle details - Exportable spreadsheets (for offline)	NHVR Portal REGISTRATION MODULE - Links to Jurisdictional websites - Specific updating processes * NOTE: the updating process will be managed outside the Platform via the Jurisdictional processes

What does this mean?

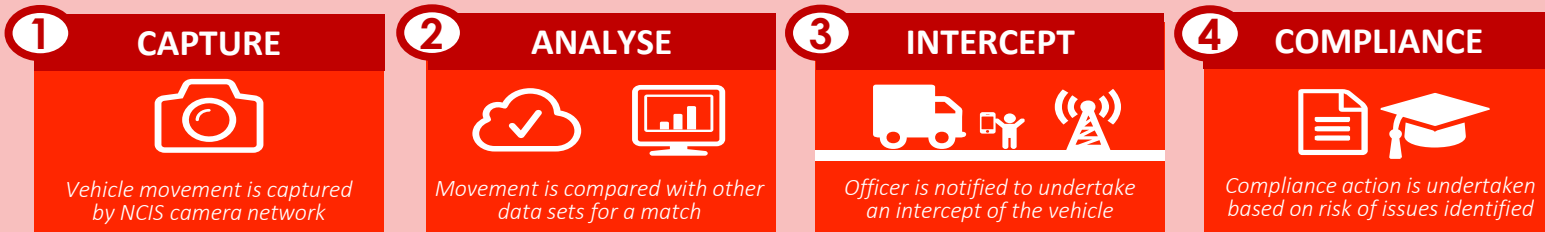
- Centralised view of national fleet information
- Availability to review renewal dates of fleet
- Flexibility for users to extract data and use in other systems
- Future opportunity to link into other services (ie. permits)

Scenario: Improving Fatigue Management

Cameras and Industry Technology

COMPLIANCE ACTIVITY

An outline of the data received by the NHVR and how it will be used to inform compliance activities.



PLATFORM ELEMENTS

An overview of the Regulatory Platform components that will be connected to the activity undertaken

Elements	Elements	Elements	Elements
NCIS Camera Network REGISTRATION DATABASE - Operator Details - Vehicle Details - Driver Details	COMPLIANCE DATABASE - Defect History - Outstanding Notices - Driver History TELEMATICS DATA (+ EWD) INVESTIGATIONS DATABASE	INTERCEPT APP (ECMS) INSPECTION CHECKLIST - Risk-Based Inspection - Roadworthiness Checks - Driver and Operator Checks COMPLIANCE RATING - Major and Minor Non-Compliance	INTERCEPT APP (ECMS) COMPLIANCE DATABASE - Records Inspection Results - Recommends Corrective Actions - Recommends Compliance Steps - Notice or Enforcement Outputs INVESTIGATIONS DATABASE

What does this mean?

- Consistency of information for all users
- Information available at side of the road
- Enable compliance activities or keep moving
- Access to historic compliance data

Federal Interstate Registration Scheme (FIRS) Closure

From 1 July 2018 FIRS will be closed to new entrants and renewals

- From 1 July 2019 all FIRS registration plates will be invalid
 - All heavy vehicles registered under FIRS must move to an alternative registration scheme upon expiry of their FIRS registration
 - FIRS-registered vehicles garaged in the ACT, NSW, QLD, SA and TAS will be able to change to a national heavy vehicle number plate from 1 July 2018—and from 1 October in VIC
 - FIRS-registered vehicles garaged in the NT or WA will have to change to an NT or WA plate respectively
- FIRS registration labels must be displayed until expiry
 - FIRS vehicles moving to another registration system during the transition period will not be required to pay stamp duty for the value of the vehicle

For more information about FIRS

call 1800 026 170

email FIRS@infrastructure.gov.au

or visit

<https://infrastructure.gov.au/roads/firs/index.aspx>

For more information visit
www.nhvr.gov.au/road-access/registration