HOW TO USE VEHICLE DATA FOR VEHICLE INSPECTION

CITA – April 2019

VEHICLE DATA PRODUCTION

CONNECTED VEHICLE
Aftermarket Telematic

FACTORY
Vehicle Manufacturing

CONNECTED WORKSHOP
Maintenance

PTI
Inspection

CONNECTED WORKSHOP
Repairs

EXAMPLE OF USE CASE

Pre-diagnostic, time saving, focus on pre-detected default

Type Approval

Plant

Emission check OK

Continuous Inspection

Brakes defect

Vehicle Inspection

Vehicle Lifecycle

Vehicle

Workshop

Workshop

OEM Data

Inspection result

EXISTING LOCKS

LEGAL

- Who is the owners of these data ?
- Who is allowed to manipulate these data ?
- Where these data are stored ?
- Who will monitor and fix the data management rules ?

ETHICAL

- Which benefits? (E.g. road safety, climate change/control, mobility)

TECHNICAL

- What are the useful data? (Vehicle identification, mileage, defects, repairs, …)
- Standardized technological interfaces and behavior
- Standardized exchange data format

BUSINESS

- Global business plan for periodical technical inspection?

BACK TO OUR USE CASE

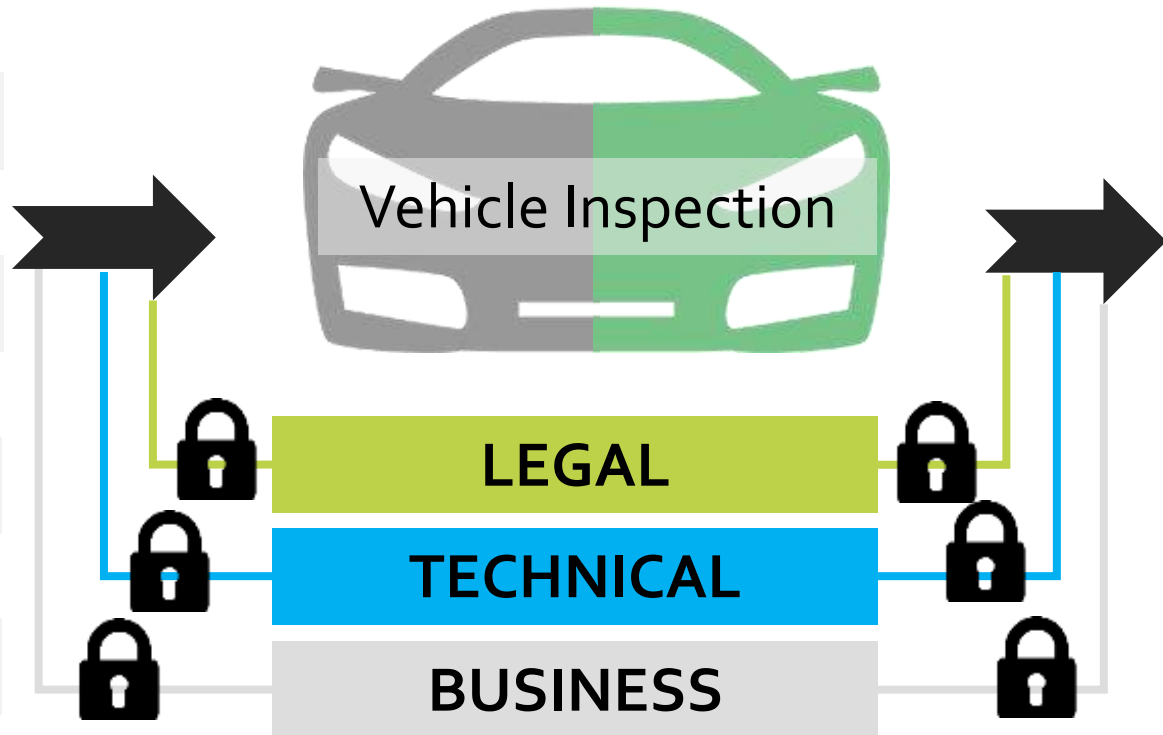Pre-diagnostic, time saving, focus on pre-detected default

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LEGAL

TECHNICAL

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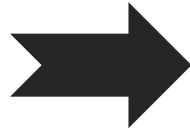
Vehicle Lifecycle

Workshop

TO CONCLUDE

To reach this goal, we need to
INITIATE
A common data management process between
ALL ACTORS OF THE VEHICLE LIFECYCLE CHAIN

From OEM, to garage equipment's suppliers, operators including states, legal parties and NGO

THANK YOU