

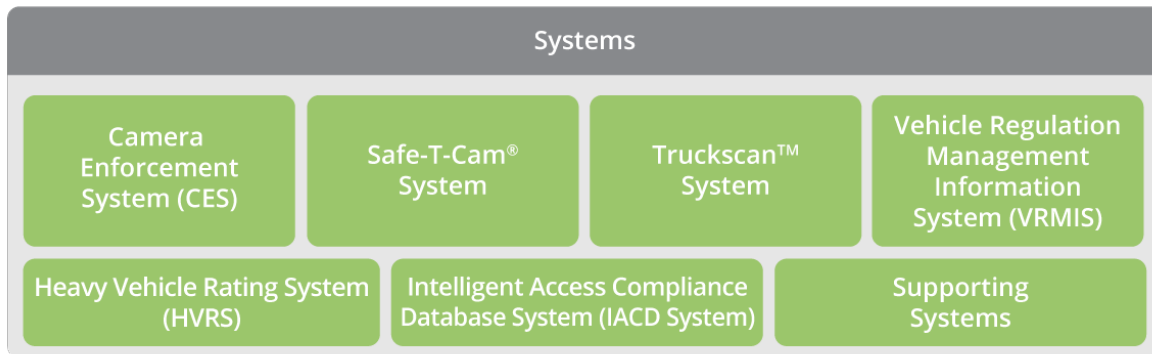
TRANSPORT SAFETY SUITE (TSS)

Intelligent Solutions for regulation, compliance and enforcement



The Transport Safety Suite (TSS) is a suite of Systems designed to specifically support a regulator's required outcomes from the use of cameras and systems that monitor, regulate and enforce all safety aspects including speed, red-light, emissions, fatigue, mass and other aspects of general road safety. TSS contains seven key Systems to address the above requirements, with a regulator able to adopt a single or multiple Systems, or Program/s within a System, to meet their immediate needs as well as providing a future path to integrate additional Systems and Programs.

Transport Safety Suite (TSS)



Camera Enforcement System (CES)

CES supports all aspects of camera enforcement including the following Programs:

- Red-light
- Fixed speed
- Mobile speed
- Point-to-point speed
- Bus Lane
- Vehicle emissions
- Over dimension

Safe-T-Cam® System

The Safe-T-Cam® System monitors heavy vehicle driver fatigue in an effort to improve safety. Safe-T-Cam improves the efficiency of enforcement strategies by establishing improved intelligence of vehicle movements.

Truckscan™ System

The Truckscan™ System facilitates enforcement of heavy vehicles on public roads using:

- Risk based screening of vehicle and operator intelligence that enables targeted enforcement
- Mobile inspection linked to a central database
- Electronic notice issue and downstream forwarding for enforcement workflow processing
- Integrated vehicle registration and driver licencing queries
- Reporting

Vehicle Regulation Management Information System (VRMIS)

VRMIS is integrated with Truckscan™ and provides back-office access to operational data for data input and reporting purposes.

VRMIS feature summary:

- Search, view, edit, & append operational inspection data
- Notice approval workflow
- Reference data maintenance
- Timesheets recording
- Reporting

Heavy Vehicle Rating System(HVRS)

HVRS derives risk scores for vehicles and operators using algorithms that link and associate disparate data from multiple systems to arrive at a holistic compliance view. HVRS also determines component scores for risk categories (e.g. mass, maintenance, fatigue).

HVRS applies a ranking to the entire population to derive the least compliant vehicles and operators to enable targeted enforcement.

HVRS input data includes:

- Inspections
- Offences
- Defects
- Accreditation

Intelligent Access Compliance Database System (IACD System)

IACD monitors compliance with the Intelligent Access Program (IAP) for speed and location. IAP is a voluntary scheme to provide Heavy Vehicle operators improved access to the Australian road network.

In return, Heavy Vehicle operators must comply with access conditions and allow vehicle monitoring via telemetry systems.

Supporting Systems

AIS - Manages enrolment, accreditation and audit of authorised inspection stations and examiners that are responsible for issuing motor vehicle road worthiness inspection certificates.

Schemes – Manages application and accreditation for heavy vehicles to allow increased mass limits for livestock loads.

Cashback - Manages auditing for the reimbursement of claims for tolls incurred by commercial vehicles. Interfaces to tolling systems to confirm vehicle journeys.



Service Offerings

Itree provides a complete range of services to support our customers and solutions:

- Program Management
- Product Development and Delivery
 - Product Solution Delivery
 - Product Integration and Configuration
 - Product Development and Innovation
- Professional Services
- Maintenance and Support Services
- Customer Operations



Itree is an independent Australian-owned software developer, staffed by over 80 software professionals, with an established reputation for providing regulatory agencies with innovative and cost-effective business solutions for managing their regulation, compliance and enforcement work, and protecting their staff, assets and the community as a whole.

Itree has some 20 years of experience in delivering and supporting compliance systems for a wide range of regulatory functions in Australia and New Zealand.

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