ICE
tis

ICE Transport
Information
System (TIS)

Product
Profile

> ICE TIS integrates systems to create a centralised real-time data repository that authorised agencies/users can access to accurately track citizens and vehicles.

› Manage the vehicle lifecycle and owner/driver responsibilities

Managing and monitoring the movement of citizens and vehicles across national borders is challenging when disparate systems do not communicate or share data. ICE TIS integrates systems to create a centralised real-time data repository that authorised agencies/users can access to accurately track citizens and vehicles. It streamlines the administration process, helps verify compliance and enhances revenue collection without interruption or introducing unnecessary bureaucratic hurdles.

› Key Features and Benefits

ICE TIS is a highly integrated system with multiple redundancies. It is available in-cloud or on-premise/tenanted. It manages each aspect of a vehicle's lifecycle and activity while remaining connected and collaborating with the platform:

- Motor vehicle lifecycle management
- Vehicle registration
- Vehicle non-compliance enforcement
- Vehicle licencing and insurance
- Vehicle imports and registration
- Driving licencing, permits and law enforcement
- Driving licence and permit management
- Licence application and testing
- Licence issue and renewal
- Management of public entities operating in the transport sector
- Border monitoring and management
- Border security enforcement
- Public service operators
- Customer self-service portal

› Key Capabilities

Vehicle Registration

Once registered on ICE TIS, the vehicle's profile data is digitally accessible to any authorised user with the relevant access rights, across the country. The centralised system gives related agencies the ability to securely share relevant data:

⬡ For vehicle customs clearance

⬡ For all new vehicle registrations in the country

⬡ To link vehicle ownership to private, public, or corporate owners

The system also manages the following legal activities:

⬡ Issue of registration documents/vehicle to the registered owner

⬡ Issue of registration information and number plates

⬡ Liability and insurance

⬡ New vehicle insured for road use

⬡ A new vehicle licensed for road use

⬡ Production of authorised vehicle registration documents and cards (reducing potential for fraudulent copies)

> Advantages of ICE TIS include streamlined processes, data integrity, revenue surety:

- Online customer self-service capability
- Digitised vehicle registrations evidenced by secure certificates or cards
- Vehicle registration auditability
- Confidential vehicle registration
- Vehicle queries
- Vehicle clearance
- Transfer of ownership
- Cross-border permits
- Vehicle population and transaction statistics
- Revenue ledger of registration fees
- Payments
- Inspection agent registration
- Auditable transactions
- Performance analysis for management support
- Elimination of fraud
- Criminal information control
- Enhanced state security

> Vehicle Fitness

Maintaining safe driving conditions through vehicle roadworthiness or fitness is challenging for government agencies. Through a simplified booking procedure and management system, vehicle owners are incentivised to ensure their vehicles meet the required standards to remain roadworthy and compliant.

Advantages include flexible and accurate data:

- Various inspection types
- On- and off-site inspections
- Inspection centre capacity management
- Paperless process
- Immediate verification of inspection result

> Licencing and Insurance

ICE TIS's versatile licencing and insurance functionality caters proactively to specific governmental legislative requirements and for what works with local law enforcement.
The platform accommodates the various vehicle types, driver's licence types and related qualifying requirements, as well as public operators.

Key capablities include:

- Vehicle licence renewals
- Accrues arrears and penalties on non-compliant vehicles
- Validates insurance cover note to confirm validity
- Generates reports for:
  - Vehicles in the database
  - Revenue performance per specific period
  - Licenced and unlicenced vehicles
  - Agents' performance
- Links to third party platforms
- Secure licence disc digitally signed
- Administers and enforces insurance

⟩ Public Service Operators

Public service operators serve a vital function in support of the economy. They monitor and ensure specific vehicles operate in line with specific legislation for the safe operation and use of public road infrastructure.

ICE TIS registers a valid operator and links them to the specific routes they must use to ensure they are utilising national road infrastructure appropriately.

It digitises multiple transactions such as:

⬡ Operator licence applications and management

⬡ Records and maintains routes

⬡ Links operator to route

⬡ Provides secure, digitally signed, licence documents for verification by a suitably equipped law enforcement official

⬡ Validates special operator insurance and licences for law enforcement verfication

⬡ Query operators

⬡ Query routes

⬡ Links to vehicle register

› Driver's Licence and Law Enforcement

ICE TIS gives in-field law enforcement agents real-time access to data that empowers them for better service delivery:

- ⬡ Online verification of vehicle particulars and infringements
- ⬡ Identify invalid licences using ANPR cameras
- ⬡ Scanning licences and other permits to verify validity

› Driver's Licences

ICE TIS digitally transforms the manual process, providing applicants with electronic access to vital services via their mobile device or computer:

- ⬡ Electronic booking system
- ⬡ E-learner's licence testing
- ⬡ Online learner's licence transactions
- ⬡ Digital learner's licence
- ⬡ Certificate of competency transactions
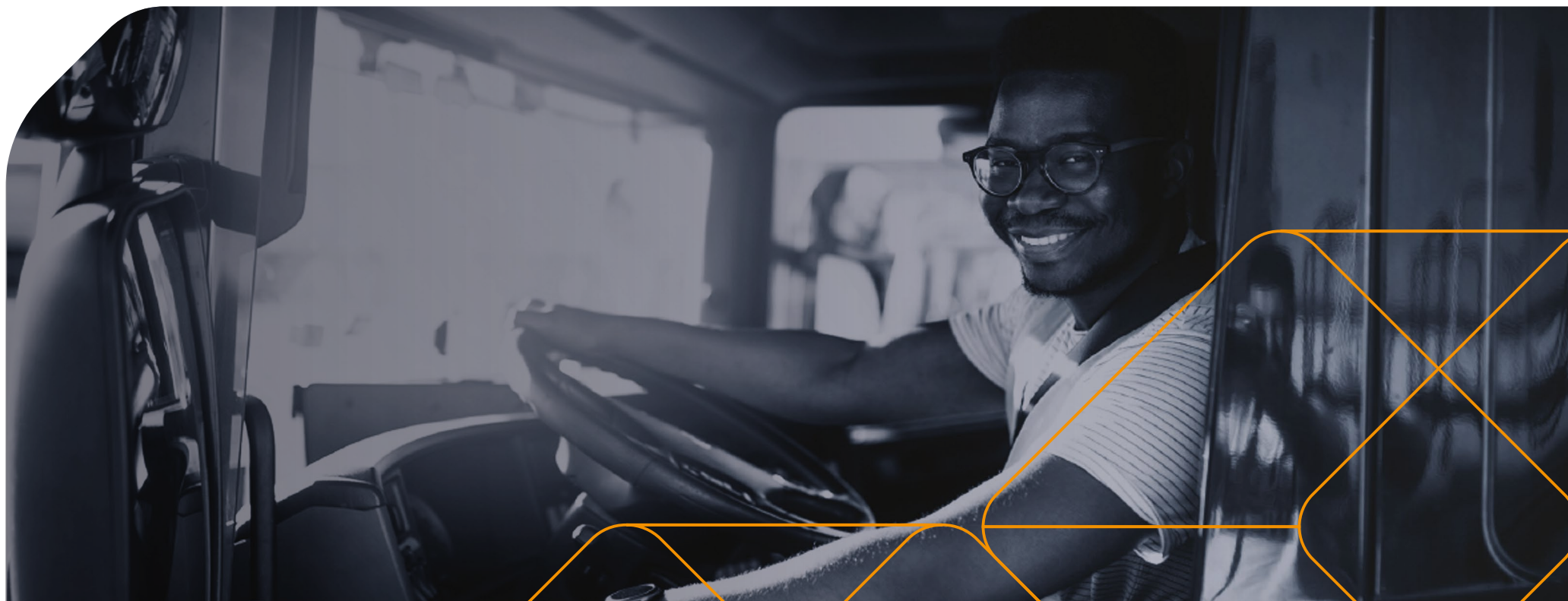- ⬡ Penalty points monitoring system

〉 Accidents

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ICE TIS registers a valid operator and links them to the specific routes they must use to ensure they are utilising national road infrastructure appropriately.

It digitises multiple transactions such as:

- Roadside capture
- Linked to vehicle and driver register
- Data automatically uploaded
- Next-of-kin available
- Statistics and reports
- Road safety objectives

> System Integration and Interoperability

ICE TIS offers two key means of system integration:

○ ICE Tech platform integration
○ Disparate third-party system integration

ICE TIS is quick to deploy, easy to maintain and accessible for citizens and officials via mobile devices with minimal investment in infrastructure. Its overall performance and high availability, combined with advanced data analytics and meaningful, intuitive reporting, affirm why it is the preferred system of choice for e-governance and the digital transformation of government-related services.

ICE TIS's capacity is proven with

17 MILLION

Transactions in Africa... and counting

> www.icetech.io