Digitalisation of transport documents

An enabler of improved road governance and corridor performance

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What is the current Situation?
*Chaos, inefficiencies, high costs, delays and duplications*

<table>
<thead>
<tr>
<th>Issue</th>
<th>Description</th>
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<tbody>
<tr>
<td>STOP Everywhere: Too many police road blocks</td>
<td>MANUAL Document Verification</td>
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<td>MANUAL Document Verification</td>
<td>HIGH COST of Transport Logistics – Expensive products</td>
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<td>INEFFICIENCY of the freight Logistics</td>
<td>CLEARENCE DELAYS at the border...A major NTB</td>
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<td>LOW COMPLIANCE with Laws and Regulations</td>
<td>INADEQUATE DATA to inform decision making on trade and Transport</td>
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<td>HIGH WORK VOLUME and pressure on enforcement agencies / Overworked officers</td>
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*Keep our roads safe*
Integrated Road Transport data and records for all the base components of Freight Logistics

Motor Vehicle Registration and Vehicle Data Integration

Road Licence Management and Integration / temporary imports

Business Intelligence, Reporting, Analytics and Statistics

Motor Vehicle Inspections integrated with Automated lanes

Drivers Licencing Module with Driving schools interface

Enforcement with all the Data available from other Modules (For Police Enforcement)

Keep our roads safe
The TIMS (Transport Integrated Management System) Service Oriented Architecture enables easy access and integration with other stakeholders and payment platforms.
The TIMS system is Integrated with other agencies for data sharing and authentication of data/Transactions

- KRA iTax for PIN authentication & Company details
- NRB/IPRS For Persons Identification and authentication
- DIGITAL PAYMENT - No cash handling
- KRA Customs For vehicle clearance

ONGOING INTEGRATIONS:
- KENHA
- KURA
- KPA
- INSURANCE

Keep our roads safe
There is a steady growth in utilization of TIMS

- **973,964** Individual users currently in TIMS
- **88,706** Companies/Institutions in TIMS
- **837,457** New registrations so far done in TIMS
- **797,987** MVI Conducted in TIMS
- **892,986** Transfers in TIMS
The Integrated Road Transport Database is an enabler to More efficient Freight Logistics

- Integrated Enforcement: One police check trip
- Efficient Compliance Check: Mobile Application based
- Automatic Flag on Non-Compliance: Violations are flagged
- Reduced corruption: Efficiency reduces corruption
- Reduced cost of doing business – Shorter time for Transport

Keep our roads safe
The Integrated Road Transport Database is an enabler to More efficient Freight Logistics

- More competitive goods due to efficient Logistics
- Regional Integration and Data Sharing
- Police Rapid Response in cases of diversions, accidents and congestions
- Integration with Axle load control – Weighbridges and Smart Road infrastructure.
- Replication across the RECS and Neighbour countries
Need for additional Modules and functionalities to achieve even better Freight Logistics

- Judicial process Integration: Cashless/instant fines integration
- Smart enforcement Module
- Open Integration Module for data sharing
- Smart Road Safety Module – Accident and incident response and reporting
- Integration with Border Control Systems
- Smart Urban Mobility solutions
- Advanced Data Analytics Module
Next Dimensions, Next steps (Policies and standards)

Replications
Standardisations
Horizontal integration
Big data analytics
FOSTERING SOUTH-SOUTH CO-OPERATION FOR REPLICABILITY

Enhance and Standardise Horizontal Replication

Country A
Country B
Country C

Keep our roads safe