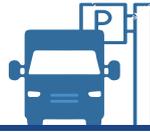# eTrans TPMS

SMARTER TRANSPORT PARK/PARKING LOT MANAGEMENT STARTS HERE!

eTrans Transport Park Management System (TPMS) with its powerful integration of RFID and GPS technology ensures:

- Smooth vehicle movement
- Accurate, real-time monitoring
- Zero unauthorized access
- Reduced manual interventions

The TPM system enhances operational efficiency, improves safety compliance and ensures smooth vehicle movement in transport parks/parking lots. The integration with VTS further optimizes logistics and tracking, reducing manual interventions and errors. This system using a combination of RFID/GPS technology ensures seamless, secure, and efficient access control for vehicles entering the premises. By implementing this system, organizations can improve security, reduce unauthorized access, monitor vehicles in real-time and maintain an accurate log of vehicle movements.

How eTrans TPMS Transforms Your Park

KEY BENEFITS

Enhanced Security: Blocks unauthorized vehicles and prevents trespassing.

Faster Entry and Exit: Automated access control reduces delays.

Data Logging & Monitoring: Tracks every vehicle movement for security and analytics.

Real-Time Tracking: Integrated GPS and RFID ensure precise entry, stay and exit tracking.

Improved Operational Efficiency: Reduces detention time, accelerates vehicle flow and streamlines operations.

One-Time Validation: Eliminates repetitive processes with automated compliance alerts.

Scalable & Future-Ready: Easily expands to manage more vehicles and entry points.

Why eTrans TPMS?

The eTrans Transport Park Management System (TPMS) is a cutting-edge solution designed to:

- Streamline vehicle & personnel management within transport parks/ parking lots.
- Reduce congestion & detention time.
- Enhance security & eliminate unauthorized access.
- Ensure compliance with regulations With one-time registration & automated processes, TPMS saves time and reduces repetitive tasks for customers, transporters and drivers.

EXPERIENCE THE FUTURE OF TRANSPORT PARK MANAGEMENT

Streamline. Secure. Simplify.

KEY FEATURES

1. Registration & Mapping

Customer Registration: Customers provide required details for onboarding.

Transporter & User Registration: Transporters are registered to allocate vehicles.

Vehicle & Owner Registration: Vehicle owners provide necessary documents for vehicle registration.

Driver Training & Registration: Drivers undergo safety training, driving simulation and an evaluation process before being registered.

Customer-Transporter Mapping: Ensures efficient vehicle allocation by linking customers and transporters.

2. Order & Loading Process

Delivery Order (DO) Creation: Orders are created based on information provided by the Corporates, ensuring controlled lifting against a consignment.

e-Loading Advice (LA) Generation: Transporters generate LAs based on available quotas.

Transport Park Entry: Security validates LAs before granting vehicle entry.

3. Safety & Parking

Vehicle Safety Check: Vehicles undergo mandatory inspections, including biometric driver authentication and alcohol testing.

Vehicle Lane Entry & Parking: RFID scanners ensures vehicle Entry/Exit and stopping in designated lanes inside the Parking Lot.

4. Smart Card System

Smart Card Generation: Cards are assigned to vehicles, integrating with VTS (Vehicle Tracking System) / ERP for monitoring.

Exit Process: Cards are handed over and vehicles exit towards the loading plant.

5. TPM-VTS/ERP Integration

Data such as vehicle details, trip information and entry/exit times are shared via API for seamless tracking and operational efficiency.

6. Portable GPS Device - In-Plant Operations (Optional)

Provided to transporters for in-plant trips within premises.

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