

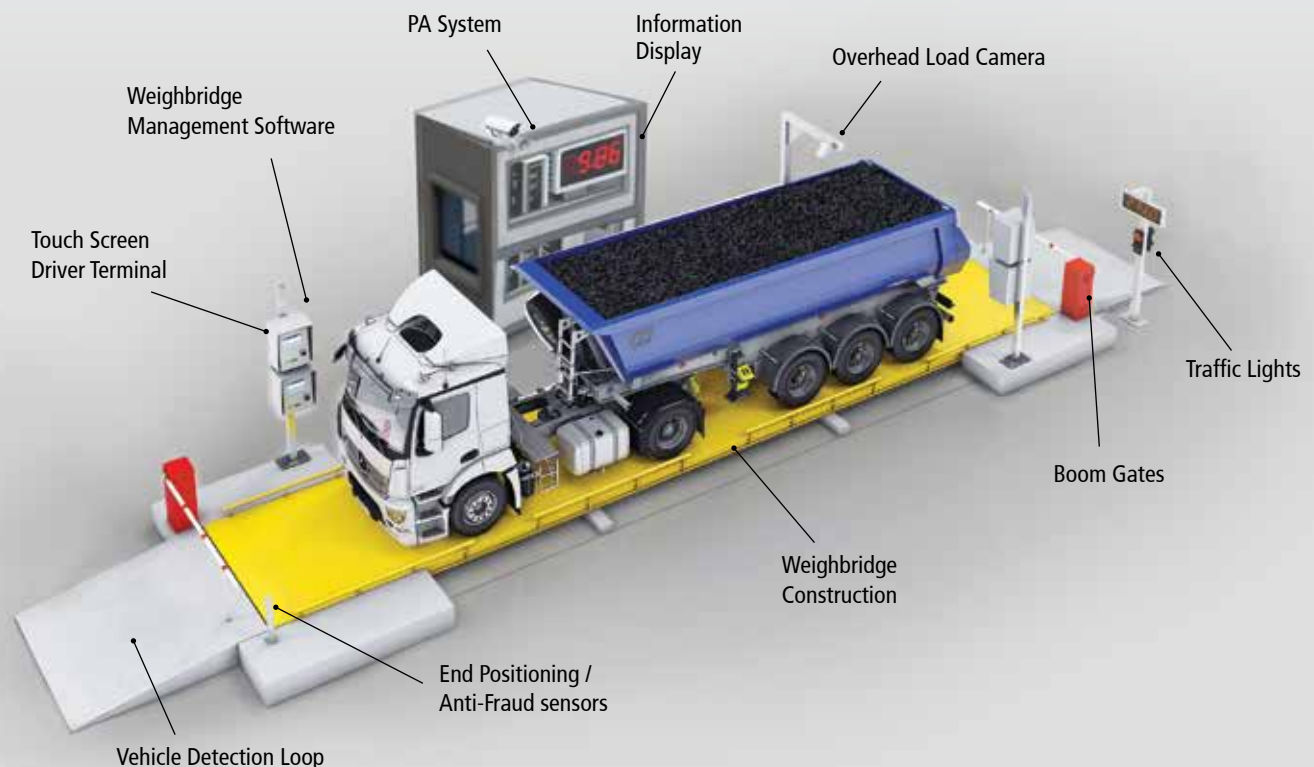
WEIGH SMARTER. OPERATE FASTER.



Transform your weighbridge operations with Intelligent Weighbridge Management System (IWMS) from eTrans Solutions.

Our smart, automated IWMS delivers accuracy, transparency, and speed - integrating real-time data capture, seamless system integration, and advanced analytics to eliminate manual errors, prevent pilferage, and optimize throughput.

Gain complete visibility across locations, ensure compliance and make faster, data-driven decisions- while reducing operational costs and downtime.



BENEFITS

eTrans IWMS offers several advantages over traditional, manual weighbridges:



24/7 Operations: Works continuously without the need for an operator.



Reduced Costs & Errors: Eliminates manual data entry, reducing labor costs and likelihood for human error or manipulation.



Enhanced Security: CCTV surveillance and automated authentication prevent fraud and ensure secure transactions.



Increased Efficiency: Speeds up the weighing process and vehicle turnaround time.



Real-time Visibility: Provides managers with instant access to reports and tracking data for better decision-making.

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KEY FEATURES

AUTOMATIC VEHICLE IDENTIFICATION

Utilizes RFID technology to detect and verify vehicles at the entry point.

AUTOMATED WEIGHING PROCESS

Seamlessly handles weigh-in and weigh-out with minimal manual input.

REAL-TIME WEIGHT CAPTURE

Load cells and PLCs capture accurate weight data instantly.

BOOM BARRIER & TRAFFIC LIGHT INTEGRATION

Ensures controlled vehicle flow and systematic operation.

UNMANNED WEIGHING MODE

Voice prompts guide drivers through the process, eliminating the need for operators.

DATA SYNC & REPORTING

Automatically syncs data with cloud systems and generates customizable reports.

STEP-BY-STEP DRIVER GUIDANCE

Voice announcements guide drivers through:

- Vehicle positioning
- RFID TAG scanning
- Weighing
- Ticket collection

KEY PERIPHERAL DEVICES:

RFID Readers and Tags

For automatic vehicle identification and verification.

Weighbridge

Integrated with load cells and controllers for precise weight measurement.

Printers & Voice Announcement Systems

Used for ticket generation and step-by-step driver guidance

LED Displays & Boom Barriers

For real-time instructions and traffic control

Cloud Servers & Web Dashboards

Enable real-time monitoring, centralized data storage and analytics.

To know more contact:

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