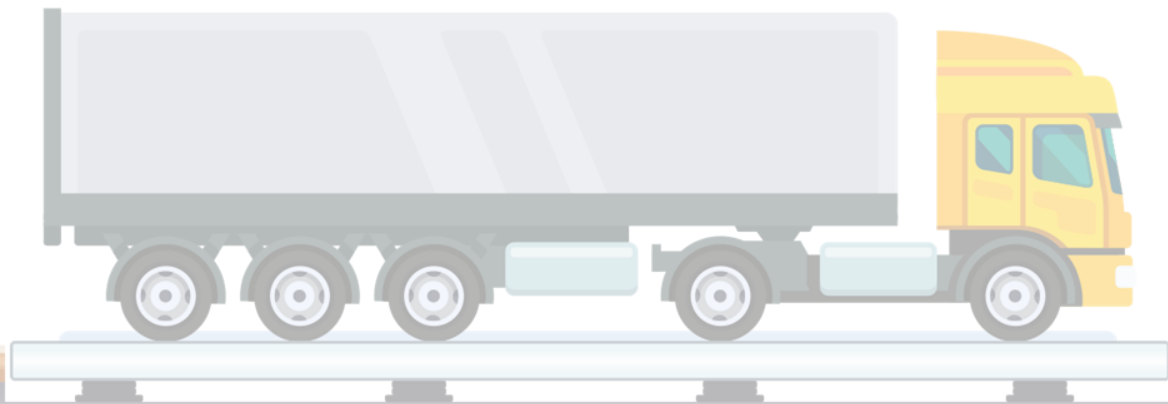# Matrix Weighbridge Integrated Solution

What is Weighbridge System?

- Used to weigh large vehicles carrying heavy goods

- Digital monitor displays the weight of the vehicle

- Used in industries where bulk movement occurs

- For mining, metal, quarries, iron and steel, etc.

Traditional Weighbridge System

- Only used for weighing the container

- Highly dependent on operators

- No visual evidence of payload and actual weight
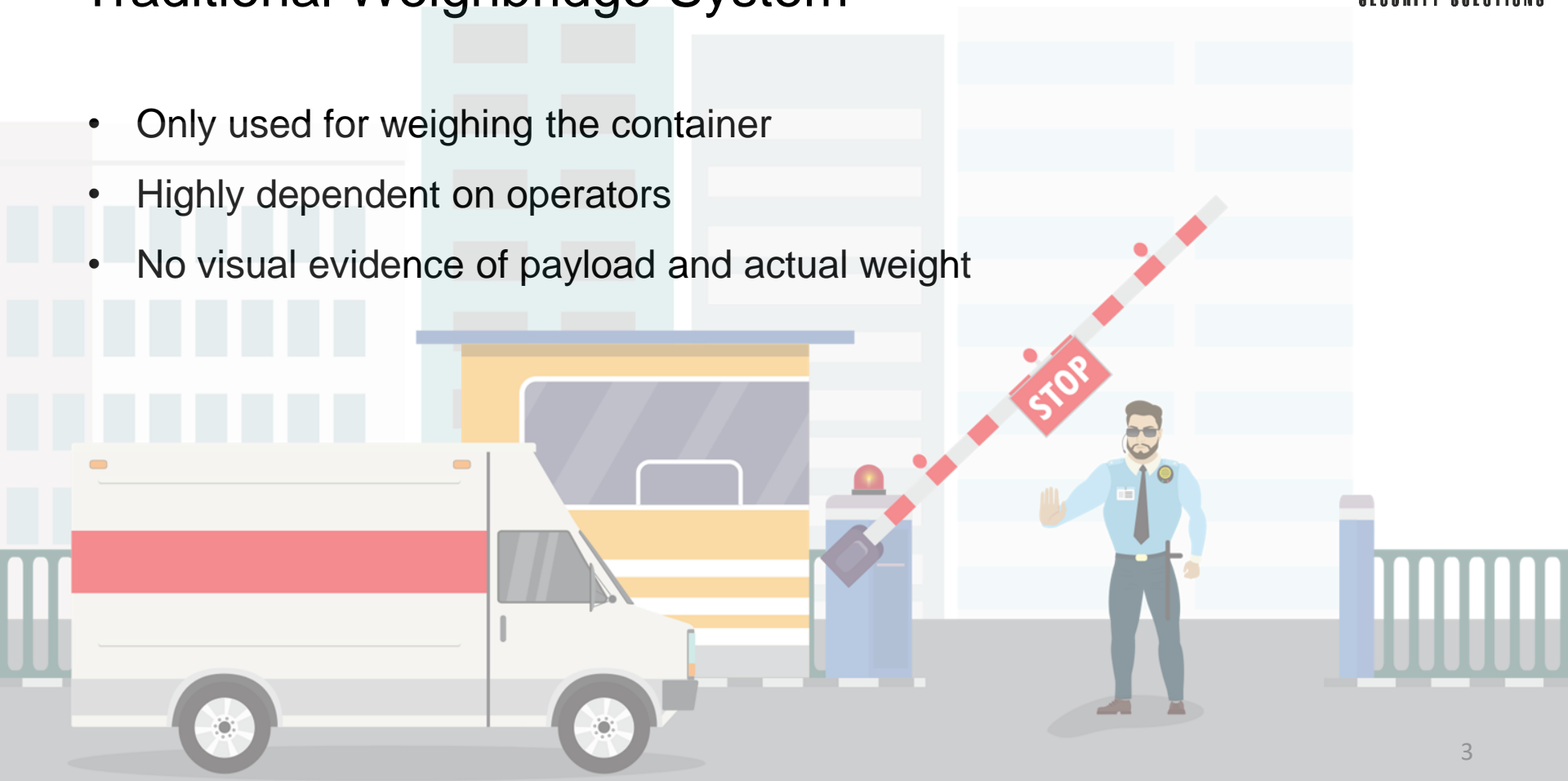
Challenges with Traditional Weighbridge System

- Errors due to manual interruptions

- Limited operational efficiency

- Difficulty in monitoring and managing multi-locations

- Overlooking the need of evidence

- No detailed data for future analysis

Why Matrix Weighbridge Integration?

- Eliminates data spoofing

- Increases efficiency and productivity

- Manages multi-location architecture

- Serves customers with evidences/ emails and SMS

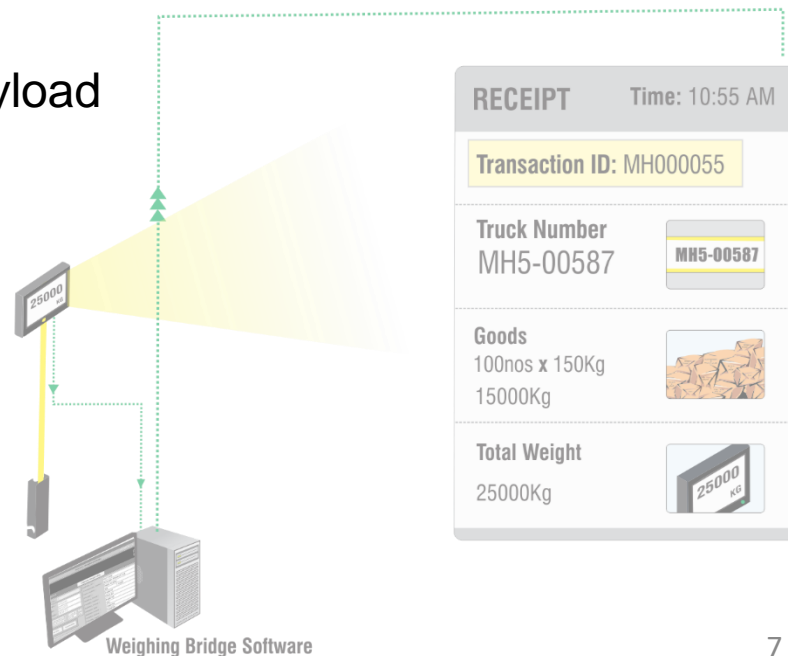- Provides analytical reports
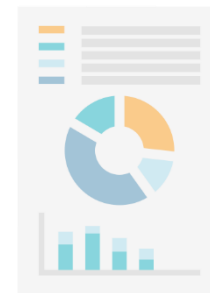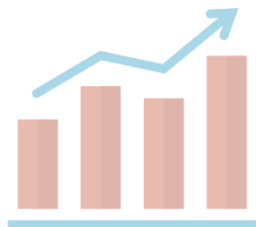
Eliminates Data Spoofing

- Collects pictorial evidence of inward or outward vehicles

- Maps unique numbers to avoid false data entry
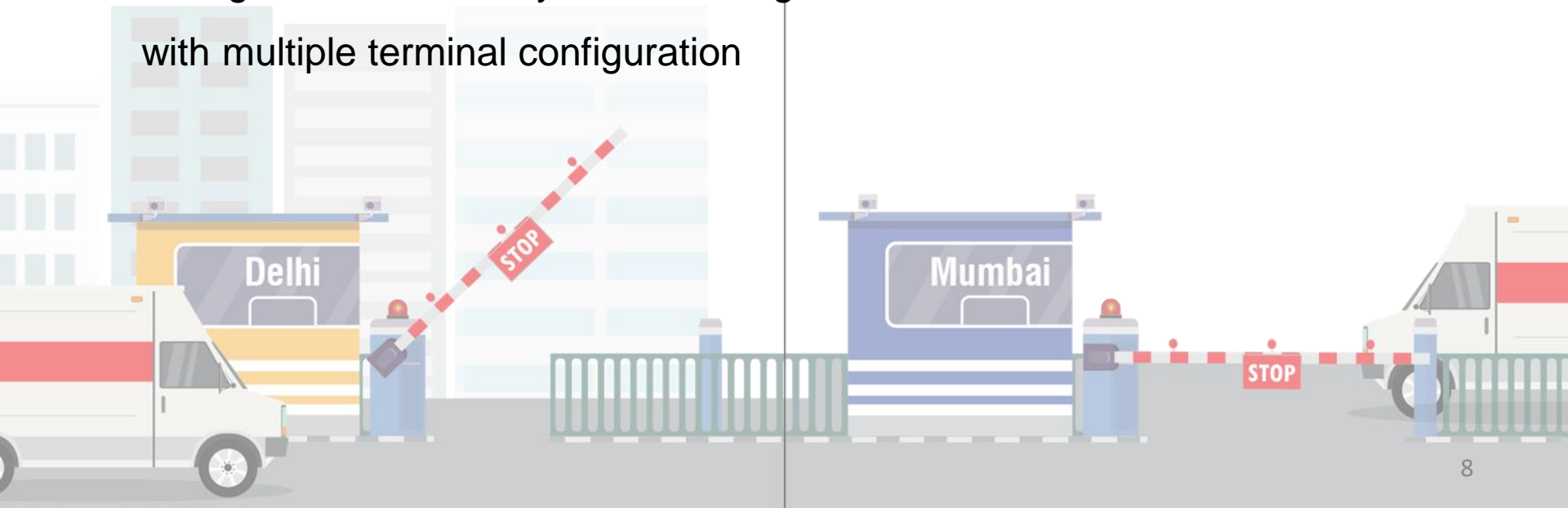 - License plates
  - Challan numbers
  - Token numbers

Increases Efficiency and Productivity

- Automated process with minimal manual interventions

- Ability to perform multiple functions involved in a transaction

- Manages and verifies every transaction
  - Snapshots of the vehicle, driver, payload and weighing scale

- Easy integration with SAP

RECEIPT   Time: 10:55 AM

Transaction ID: MH000055

Truck Number
MH5-00587

Goods
100nos x 150Kg
15000Kg

Total Weight
25000Kg

Weighing Bridge Software

Manages Multi-Location Architecture

- Centrally manages dispatched and received data

- Easy track of material from different vendors

- Configure different entry and exit weighment transactions

  with multiple terminal configuration

Serves Customer with Evidences/ Emails and SMS

- Bookmarks video recordings
- Provides snapshots of:
    1. License Plate
    2. Driver
    3. Material
    4. Weighbridge Readings
- SMS and email notifications with actual data
- Email generated transaction receipt for customers
- Email evidence about the actual condition of goods and container

Screenshot

Video

Transaction ID: MH000055
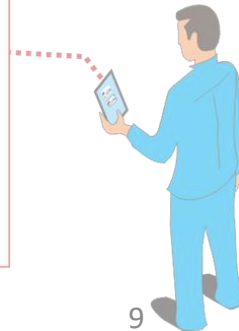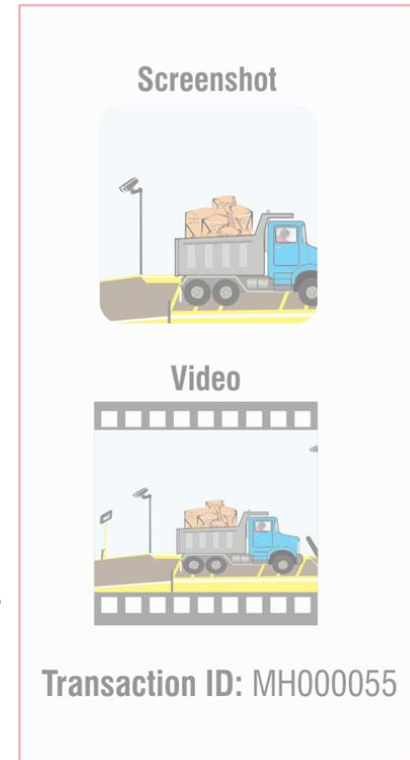
Provides Analytical Reports

- Insights about weighment and material transaction

- Overall evidence reports with customized attribute fields

- Transaction status:
    - Transaction Pending
    - Transaction Approved
    - Transaction Rejected
    - Container Inside the Premise

RECEIPT   Time: 10:55 AM

Transaction ID: MH000055

Truck Number
MH5-00587   MH5-00587

Goods
100nos x 150Kg
15000Kg

Total Weight
25000Kg   25000 KG
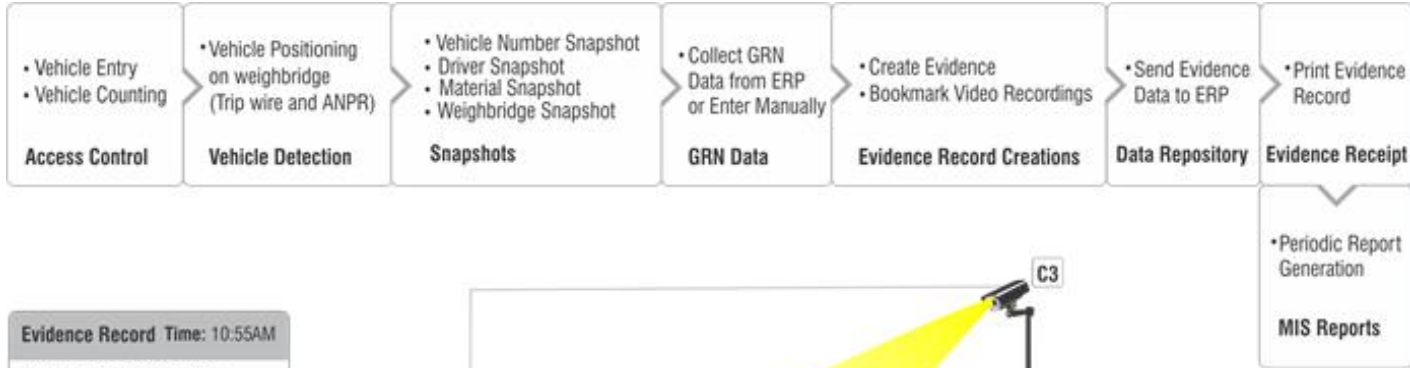
Benefits of Matrix Weighbridge Integration

Reduces manual dependency

Automates processes

Avoid false data entry

**Multiple report generation with a system**

Matrix Weighbridge Integration Workflow
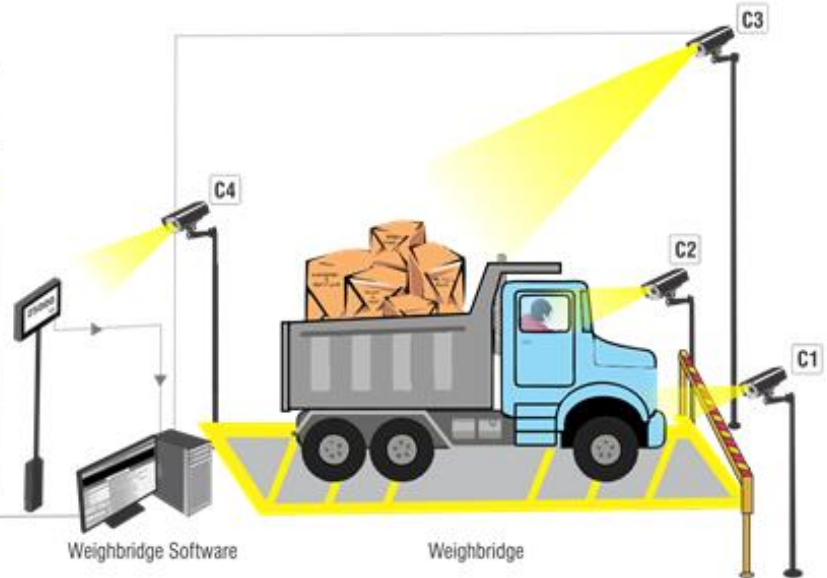
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