



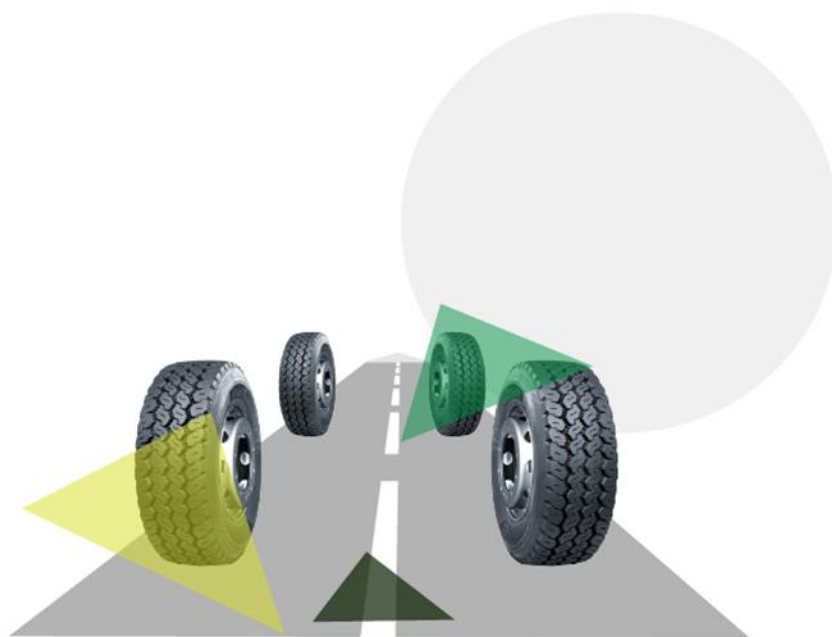
**NAVITSA**

# Accelerate innovation for a test driven industry

Powerful, **Vehicle Inspection Management System**,  
**Multi-channel modular** capabilities on one single platform

**Single Platform for**

Periodical Vehicle Inspection | Test Lane Management | EOM End of Line Testing



# VeTest Vehicle Inspection Management

Vehicle inspections cover all types of private and commercial vehicles and are dedicated to improving vehicle and road safety, performed at a designated inspection facility to monitor compliance of all applicable standards and regulations. Transport Authorities face a daunting task of delivering streamlined Vehicle Inspection processes with continually growing vehicle population. These concerns developed into a need to have a powerful centralized system that links inspection facilities.

VeTest Vehicle Inspection Management System is a centralized solution that facilitates connecting to governmental vehicles licensing database to retrieve the registration information and captures all vehicle inspection details in order to manage end-to-end vehicle inspection in compliance with road and transport policies and connecting vehicle inspection centers.

Vehicle Inspection Process determines a vehicle's roadworthiness. This process involves end-to-end inspection of a vehicle such as, preparing the vehicle profile using the authorities' databases, assigning the vehicle to an inspection lane, performing the automatic and visual tests until the issuance of certificate.

Regional Governance and Compliances

Automatic License Plate recognition

Automated Inspection and Visual Inspection

Multiple Testing Equipment integration Engine

Connect to Transport Authority for vehicle information

Vehicle Inspection Center Management, Monitoring and Control

Equipment calibration and maintenance scheduling

Tests Management, Inspection Policies & Inspection Standards

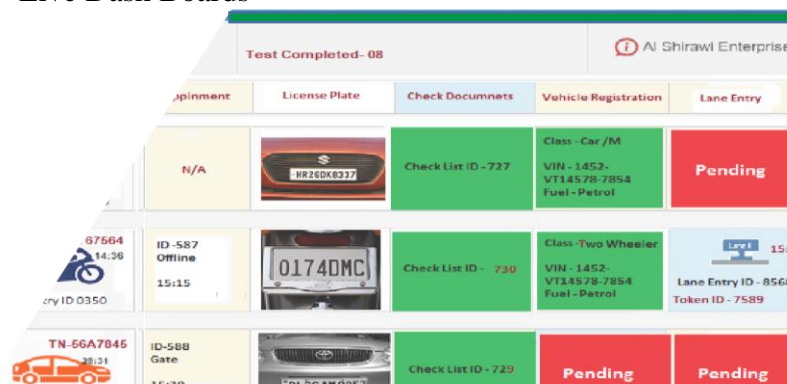
Inspection Instruction, Regulations, Test Types, Points, Parameters, Limit Values, etc.

Inspection Queues Management, Automatic Lane Selection and Best Lane Assignment

Online and Offline Appointment Handling

Customer Tokens, Receipts, Test Certificate Issuance

Live Dash Boards



The screenshot displays a dashboard titled 'Test Completed- 08' with the logo 'AI Shirawi Enterprise'. It features a grid of inspection status cards. Each card includes a vehicle icon, a license plate, a check list ID, and a status. The cards are color-coded: yellow for 'N/A', green for 'Check List ID', and red for 'Pending'. The grid shows three rows of data, with the first row having a 'Pending' status and the second and third rows having 'Pending' status for the last two columns.

Appointment	License Plate	Check Documents	Vehicle Registration	Lane Entry
N/A	HR26DK8337	Check List ID - 727	Class - Car /M VIN - 1452- VT14578-7854 Fuel - Petrol	Pending
87564 14:36 ID-587 Offline 15:15 dry ID 0350	0174DMC	Check List ID - 730	Class - Two Wheeler VIN - 1452- VT14578-7854 Fuel - Petrol	Lane Entry ID - 856 Token ID - 7589
TN-56A7845 39:31 ID-588 Gate 15:39	501SCAN0857	Check List ID - 729	Pending	Pending

## Automated Features

Automatic generation of Manufactured Year, Country, Plant from VIN  
Automatic Number Plate Detection  
Automatic detection of type of inspection (Initial, Re-Test, Second Re-Test, etc,)  
Best Lane Allocation from the System  
Waiting time predicting

## Policy Management

The Communication Management Module updates about new policies, regulations and a wide range of assets and process-related systematic events along with informing the customers about the status of their vehicle throughout the inspection process

## Inspection Configuration

Inspection Configuration allows you to setup all the Configuration Data that is required for Inspection, including inspection parameters, services, test groups and inspection fees along with regulatory information management such as Policies, standards and regulations.

Inspection Services Management

Tests Management

Test Point Management

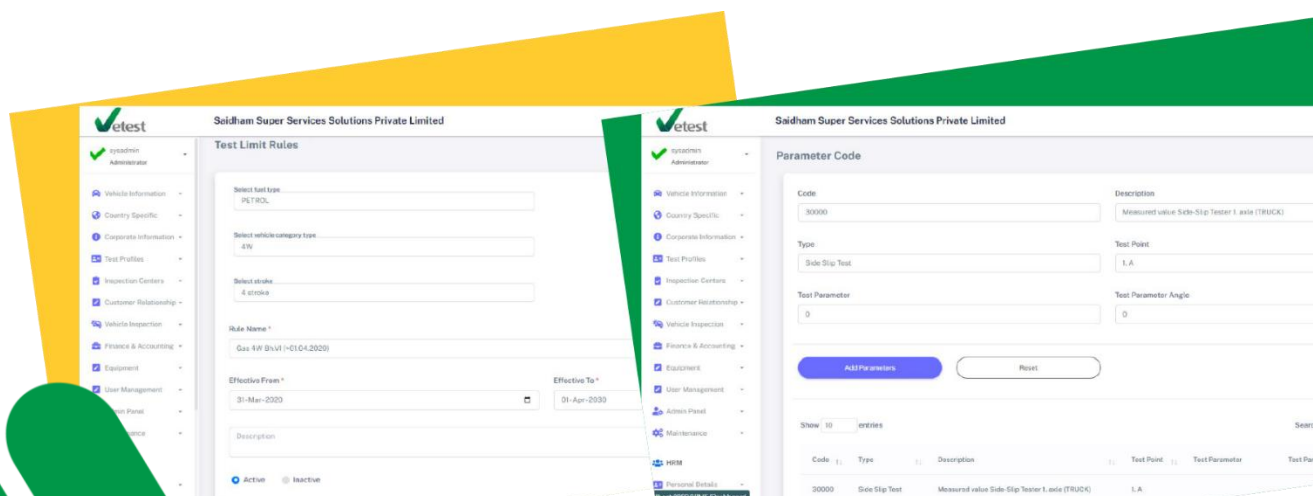
Test Parameters Management

Inspection Policies Management

Inspection Standards Management

Inspection Instruction Management

Regulations management



## Inspection Process

The Vehicle Inspection Process Module determines a vehicle's roadworthiness. This process involves end-to-end processing of a vehicle -from when it reaches a testing center Check-in Lane, preparing the vehicle profile using the registration authorities' databases, assigning the vehicle to a suitable inspection lane, printing the customer token, performing the various automatic and visual tests according to the lane setup and vehicle category until the issuance of an inspection certificate for the customer, to the collection of test fees.

Automatic Number Plate recognition

Token Creation

Best Lane Assignment

Inspection Queues Management

## Governance and Compliance

Governance and Compliance allows the Auditors to perform the Audit Inspection process including the Scheduled Inspection, Unscheduled Inspection, and the Mystery Shopping Inspection; also, it allows the Auditors to prepare all the setup data that is required to perform the Audit Inspection such as preparing the Elements, Non-Compliance Scoring, etc.



Customer behavior is moving towards – online appointments, real – time notifications.

## Highlights

Increased productivity and efficiency through:

Partner Specific Settings & Configurations

Dynamic Test Types & Criteria Defining

A Simple Integrated Platform

VeTest is a powerful & integrated multi- channel solution, designed to support all daily interactions of all aspects of vehicle testing organizations. It integrates seamlessly with all enterprise level back office operations.

Furthermore, VeTest helps Vehicle Testing Organizations to manage all back-office areas of:

Accounting & Financial Management Integration

Fixed Asset Management

Purchasing & Inventory Management

Payroll Integration

Time & Attendance

Human Resources Information System

CRM

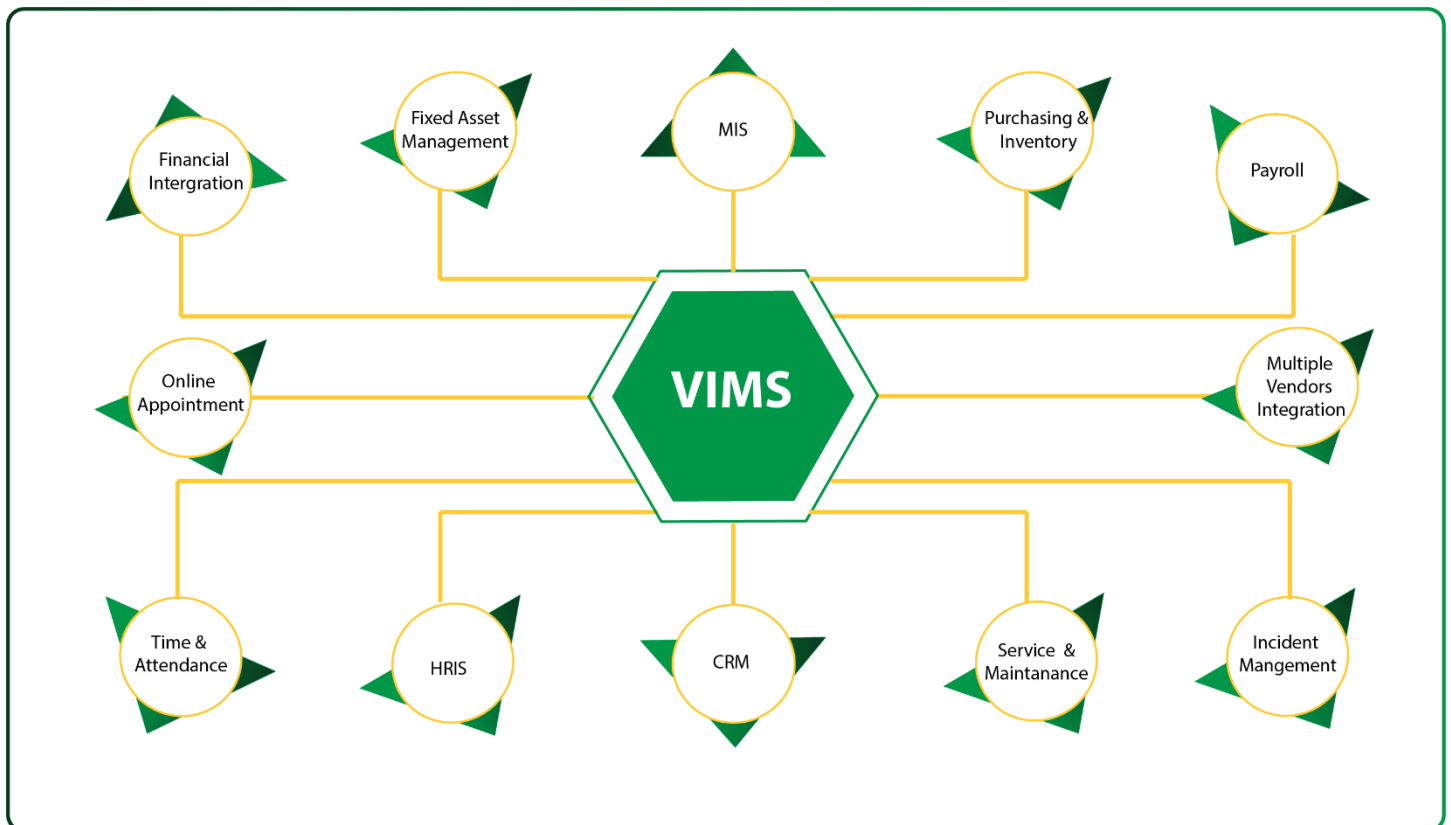
Service & Maintenance Management

Help Desk and Incident Management

MIS Integration



VeTest Vehicle Inspection Management System comes with rich ground breaking modular integrations to cover all functional areas of the Test Organization.



## Vehicle Management > Vehicle WP CBF - 6454

PROFILE

Test History



Details ^

Vehicle Type  
Motor

Capacity  
1500 CC

Passengers  
3

Model  
EC3

Year of manufacture  
2015

VIN  
1A3GP11R77B2

No Driver

Licence Plate Number

WP CBF - 5454

Engine Number  
T12345C

### TIMELINE

- Jul 23, 2018  
Emmision Test
- Jul 28, 2018  
Registration Expiration
- Aug 13, 2018  
Brake Test
- Aug 18, 2018  
Headlight Test
- Aug 25, 2018  
DOT Expiration

## Create your own Custom Visual Inspection Check -List

Pick & Choose facility

Support regional regulation requirements

Touch Screen Support

Android and ios support

Consistency across multiple channels

such as pc, tablet pc and smart phones

**Digital Engagement**

**Vertical Integration**

**Relevant & Tailored**

The image displays three different channels for a vehicle inspection checklist: a tablet, a smartphone, and a printed form. The tablet screen shows a 'Standard Vehicle Inspection' form with sections for Vehicle Information, Basic Driving Requirements, Engine Compartment, Vehicle Interior, Vehicle Exterior, and Additional Comments/Requests. The smartphone screen shows a 'Vehicle Inspection' form with fields for VIN, Odometer Reading, Odometer Photo, and Fuel Gauge Reading. The printed form shows a 'VEHICLE INSPECTION' checklist with sections for INTERIOR, EXTERIOR, and MECHANICAL, along with a diagram of a vehicle and a signature.

**Tablet Screen:**

- Close Index Send
- Standard Vehicle Inspection
- Vehicle Information\* ☒
- Basic Driving Requirements\* ☒
- Engine Compartment ☒
- Vehicle Interior ☒
- Vehicle Exterior ☒
- Additional Comments/Requests
- Signature\*

**Smartphone Screen:**

- Vehicle Inspection
- VIN # VW19370AL190QJ16
- Odometer Reading\* 16580
- Odometer exceeds 16k miles. Schedule inspection
- Odometer Photo
- Fuel Gauge Reading\* Empty 1/4 Half 3/4 Full

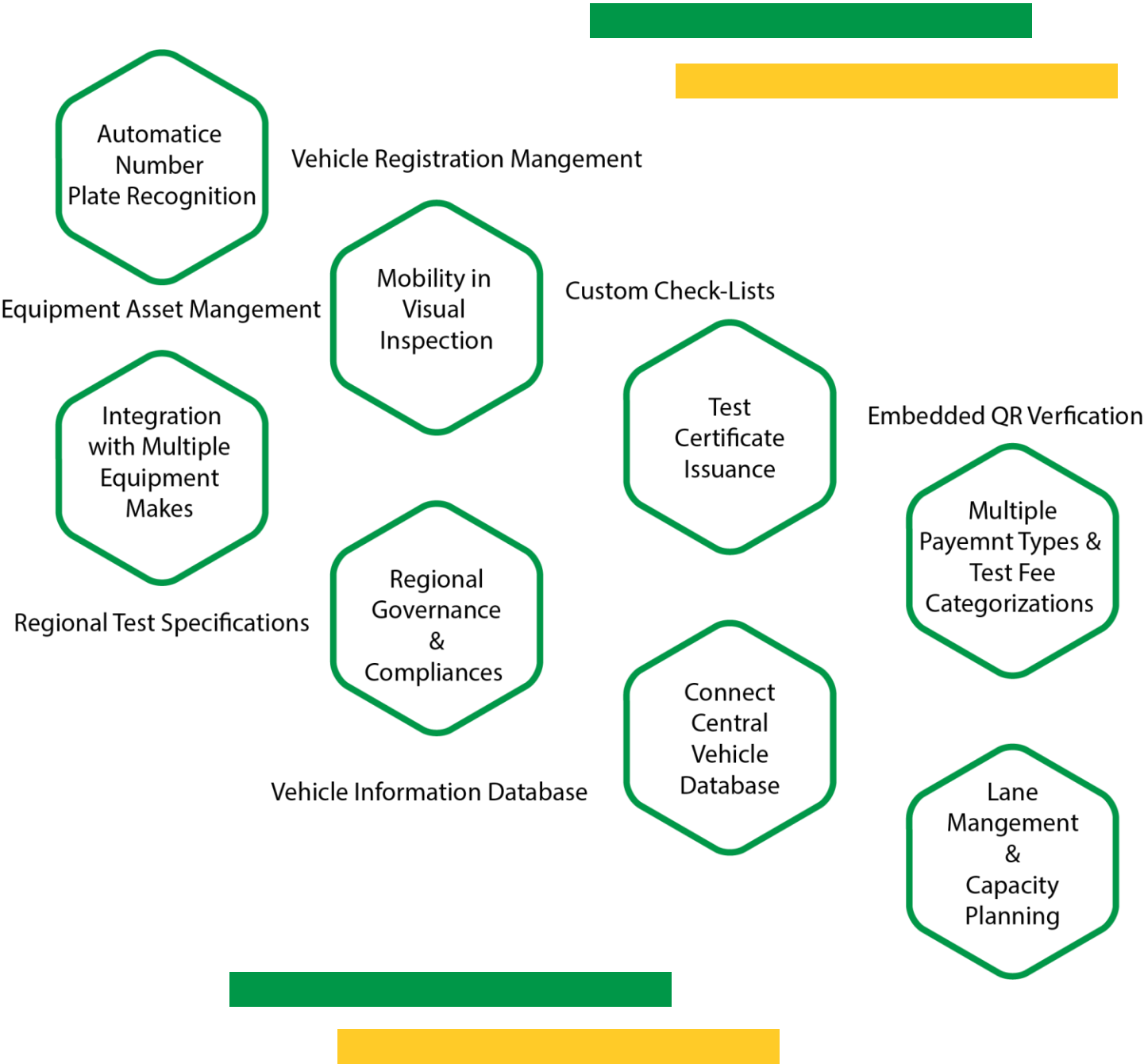
**Printed Form:**

- VEHICLE INSPECTION ✓
- VEHICLE NO: BGE-1204887 MILEAGE: 65,761
- INTERIOR: Lights, Parking Brake, Horn, Clutch, Dash, Seats
- EXTERIOR: Front Body, Rear Body, Front Mirror, Passenger Mirror, Front Wheels, Back Wheels
- MECHANICAL: Oil, Transmission Fluid, Brake Fluid, Water/Coolant, Engine Belt, Battery, Heater/AC, Lights, Fuel Tank
- PLEASE NOT EXTERIOR DAMAGE ON DIAGRAM
- NOTES: Parking brake functional but requires attention (could be tighter)
- SIGNATURE: John Smith



VeTest VIMS manages complete vehicle inspection and testing process, supporting regional test standards and compliances also facilitating to define entire test structure based on the standards.

## Vehicle Testing Flow



## Financial Integration

Custom Chart of Accounts  
Bank Reconciliation  
Accounts Receivable  
General Ledger  
Accounts Payable

Cash Flow Statements  
Cost Accounting  
Consolidated Accounts  
Dynamic Tax Structure

Center Wise P&L  
Balance Sheet  
Debtors & Creditors

## Fixed Asset Management

Asset Structures & Classifications  
Asset Purchasing  
Fixed Asset Inventory  
    Asset Valuation & Revaluation  
    Asset Transfers & Disposals

## Purchasing & Inventory Management Integration

Vendor Management  
Re-Order Level /Quantity  
Maintenance  
PR /PO Processing  
Stock Valuation

Inventory Item Management  
Inventory Locations  
Category Management  
Damages & Returns

Center Wise Inventory  
Maintenance  
Linked Items  
Good Inwards & Outwards

## Payroll Integration

Salaries & Wages  
Salary Advances  
Staff Loan deductions

Multiple Salary payments  
modes such as by cash, cheque  
or bank transfers  
Applicable Pay taxes  
Generate Pay –Slip

Pay Grades  
Custom Additions &  
Deductions  
Direct Bank Remittance

## Time & Attendance

Biometric Access Control  
Holiday Types Allocation  
Employee Shift Allocation

Leave Entitlements  
Overtime and late  
Leave Balance

Statutory Leaves  
Absenteeism

## HRIS Integration

Staff Information Management  
Staff Capacity Planning  
Recruitment

Training &  
Development  
JD's & Profiles  
Promotions

Appraisals  
Training calendar  
Increments & Bonuses  
Staff Loan entitlement

## CRM Integration

Appointment through online customer portal  
Pre Payments  
Appointment through Android ios mobile app  
Online Payments  
SMS notifications, Reminders

Send emails  
Customer Portal & Track of your vehicles  
Credit facilities  
Enable booking  
Mange Corporate Client

## Service & Maintenance Management

### Equipment Calibrations

Set Intervals  
Calibration Record Maintenance  
Reminders  
Service Calendar

### Equipment Maintenance

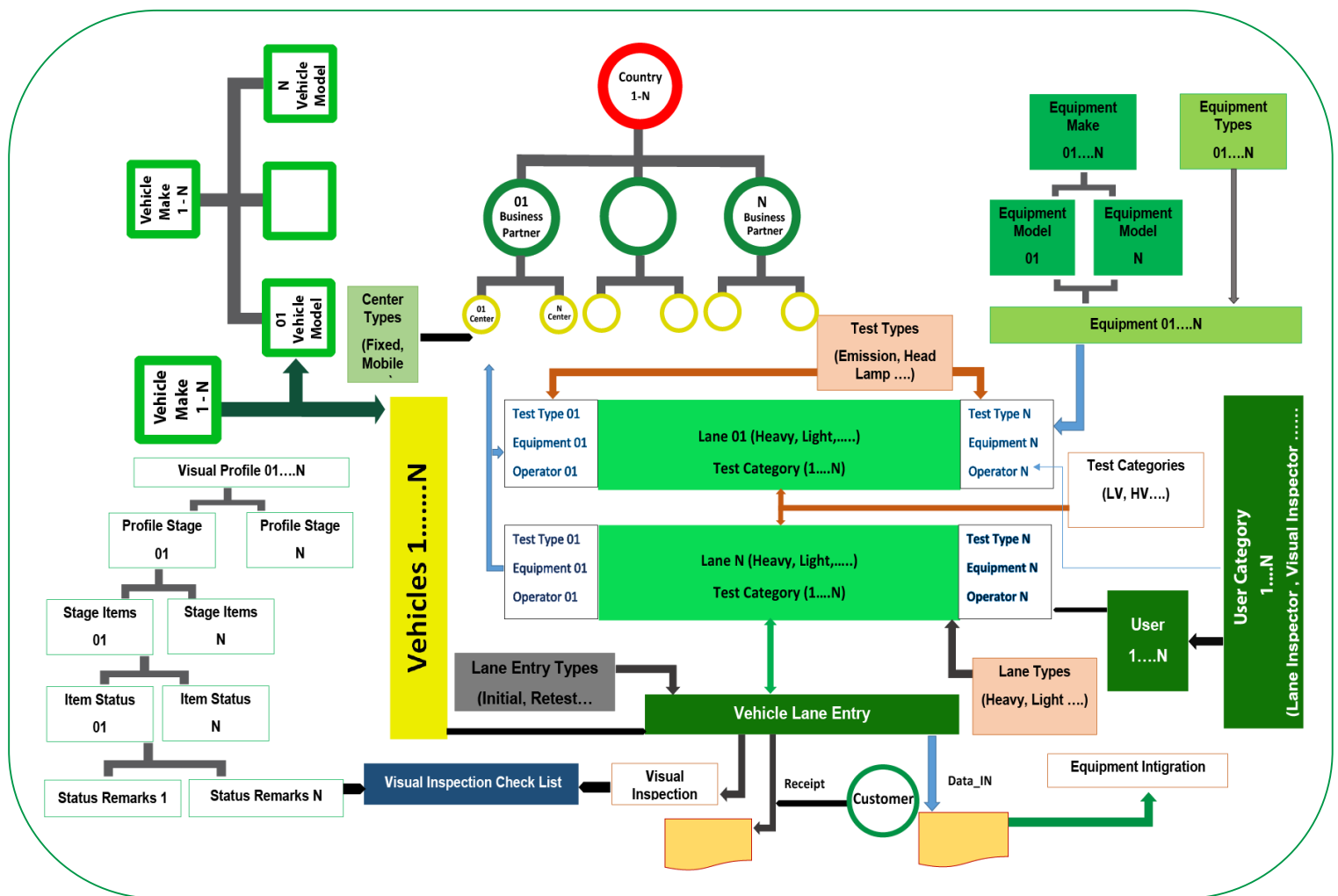
Maintenance Reminders  
Maintenance Records  
Set Maintenance Intervals  
Preventive Maintenance  
Repairs & Services

## Help Desk and Incident Managemnt

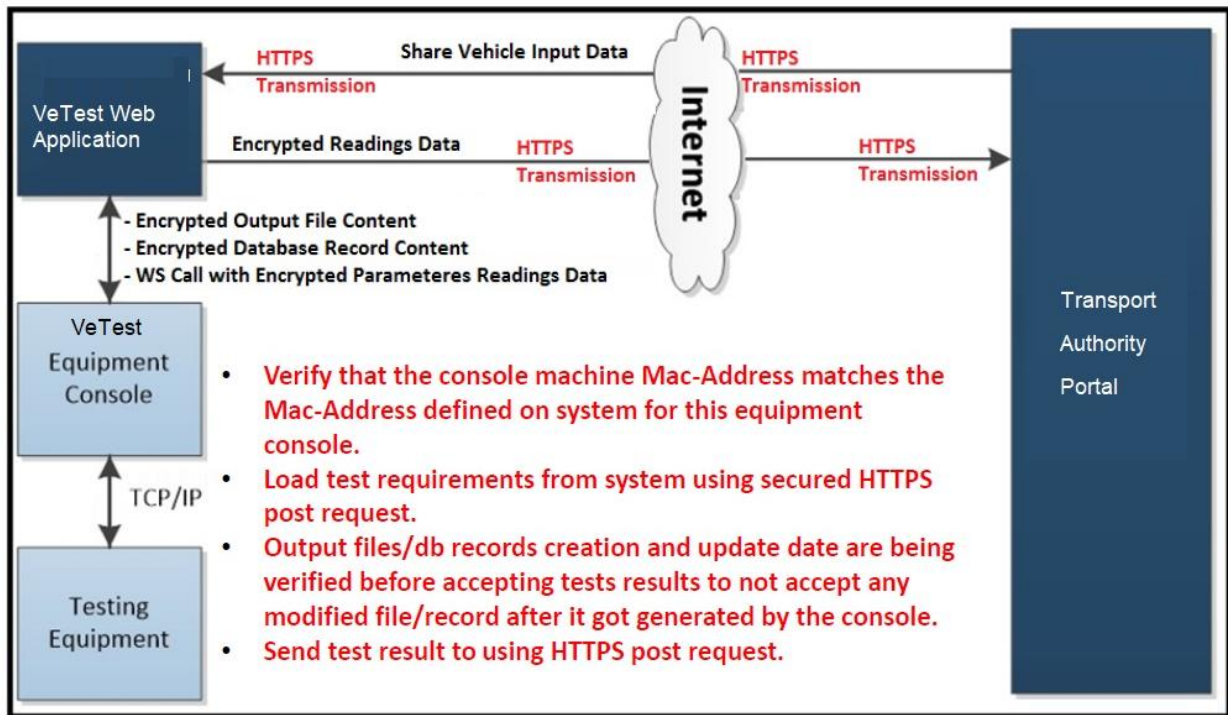
Indident Reporting  
Eqipment Downtime Tracking

Ticket Issuing  
Resolution Time Monitoring  
Set Priorities

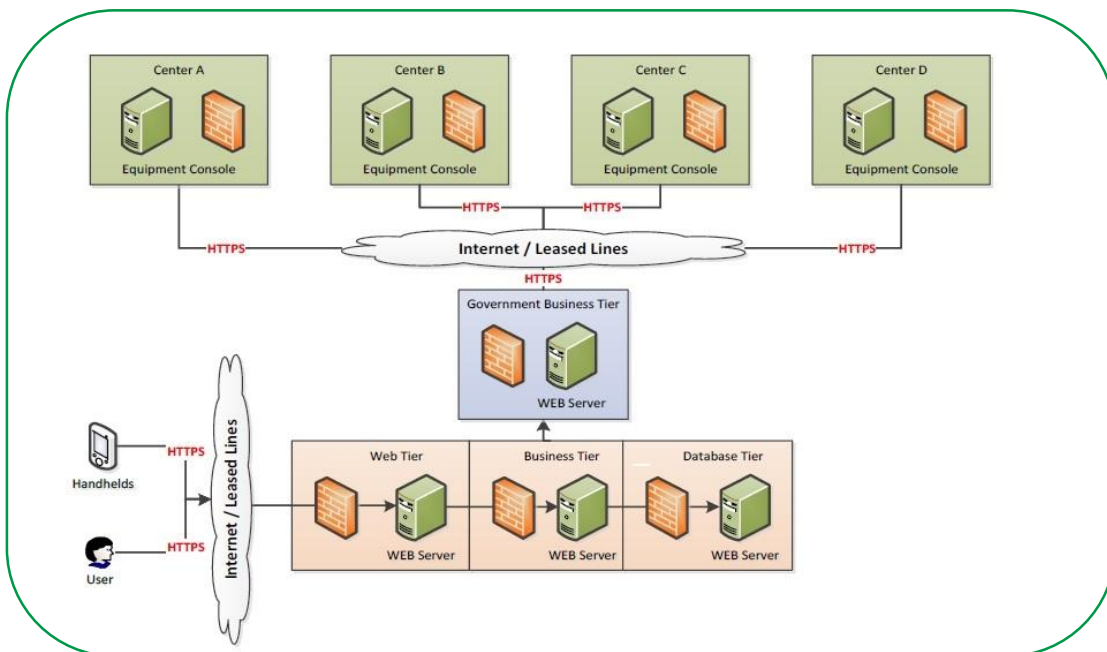
## Test Configuration Flow



## Equipment Integration Security



## Network Schematic



## MIS Integration

Live Dash Board & Monitoring

Transactional & Operational Reports

Audit Reports

**Test Analytics**

**Lane Optimization Analysis**

Utilize predictive analytics to identify or create and exploit their advantages in decision making process, predictions and gap identification

History of vehicle test data

Vehicle Pass Fail Status/Detail

Detail & Summery Reports – Vehicle Failure Rates:

Test Centre Analysis

Region Wise Analysis, Comparisons & Reports

Work Hour Analysis



## Summary

### Corporate Suite

VeTest is a corporate ERP Suite for any kind of Vehicle Inspection Organization to manage end-to-end business process.





Vehicle Inspection Management System



## Contact Us



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