



Super-Integrated Technology for Enterprise Logistics



Our Vision & Mission

Vision

Be the technology enabler
of a fully automated
logistics world

Mission

Empower Logistics
Players with Enmovil's
super-integrated
platform to enhance
bottom-line and
productivity.

Founding Team with excellent technical expertise



Ravi Bulusu

Founder & CEO



MS Electronics Engg. University of Texas, Austin | JNTU

23+ Years in Engineering & SoC Design



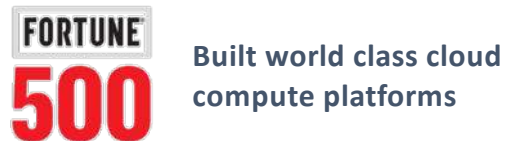
Nanda Kishore

Co-Founder & VP (Product)



CS Graduate, Osmania University

22+ Years in Software Development



Venkat Moganty

Co-Founder & VP (Engg.)



MS Engg/Industrial Mgmt, University of York

22+ Years in Firmware development



What do we do?

Enmovil is an integrated Enterprise SaaS platform which optimizes
multi-modal field and yard inefficiencies

Our Marquee Customers



Enmovil Overview

An integrated Enterprise SaaS platform which optimizes multi-modal field and yard inefficiencies



*Single Window
Logistics Intelligence*



*Multimodal Route Planning and
Yard Management*



Device & Data
Source Agnostic



AI/ML Powered
Actionable Insights

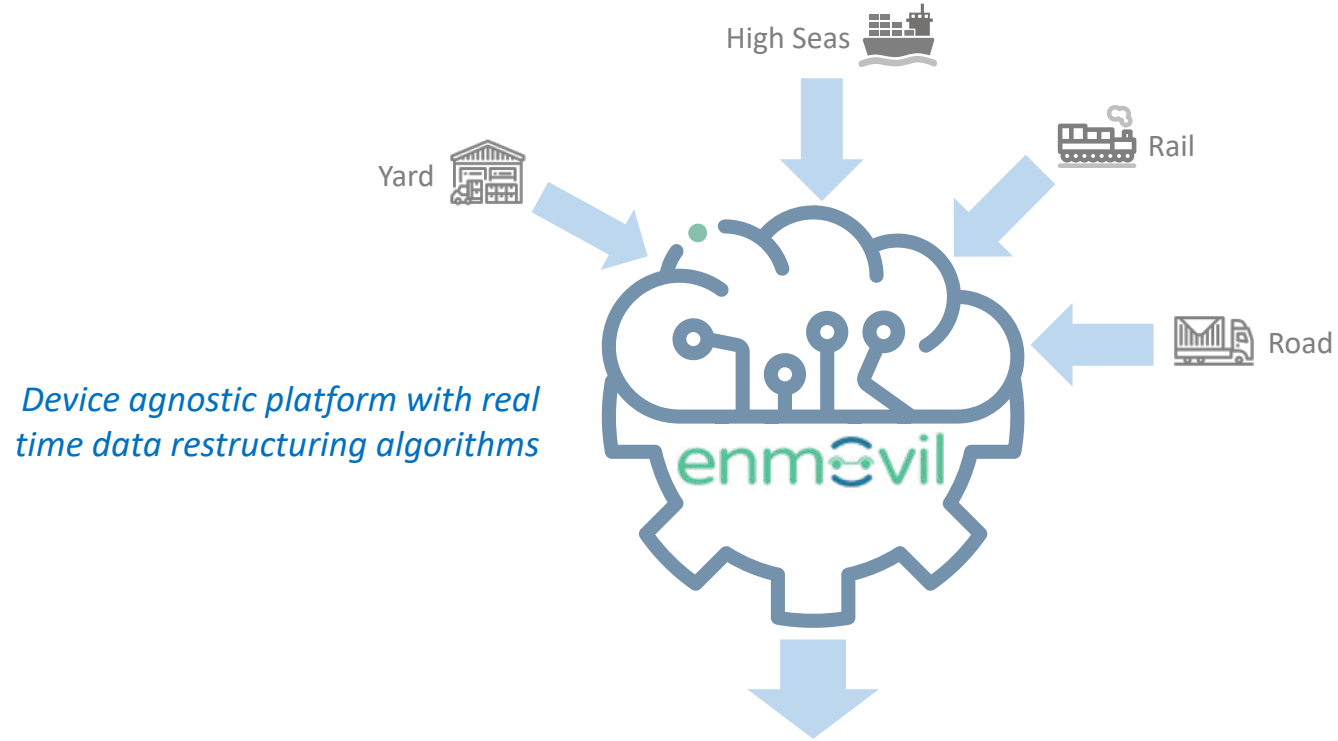


Multifaceted
Solution



Super Integrated Device & Data Source Agnostic Platform

Data from all assets* in the field and yard



Real-time visibility with predictive analytics and actionable insights



Multi-Modal Intelligence



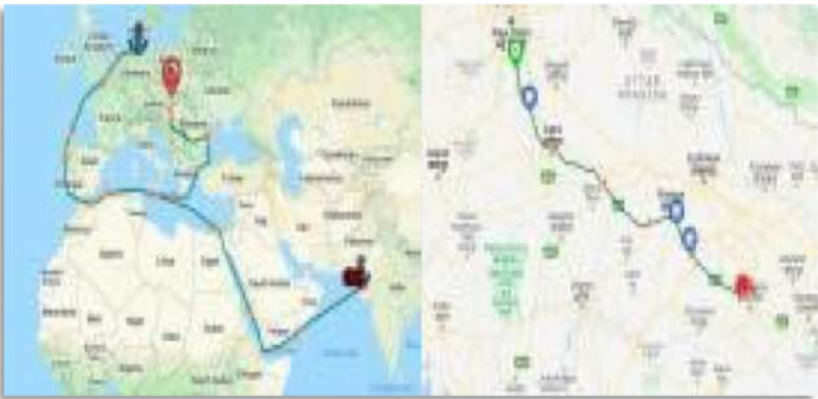
Single window view of all logistics operations



Real-time optimization



AI/ML Powered Actionable Insights at every step of the way



Origin Port → Warehouse Transit Tracking

Dashboard showing Rake Schedules and Planning. It includes a summary of planned and actual rakes, and a detailed table of rake schedules.

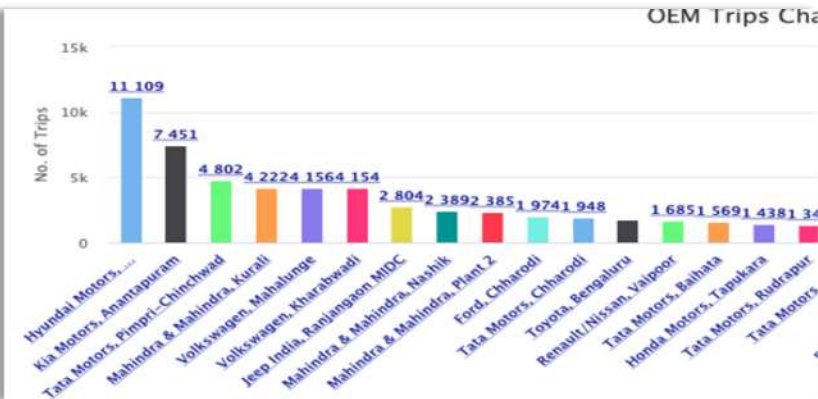
PLANNED		ACTUAL	
Rake No	Destination Yard	Actual Rake No	Actual Destination Yard
ALVA14	Kathuwas Railyard	ALVA01	Bawal Railyard
ALVA14	Kathuwas Railyard	ALVA07	Bawal Railyard
IVCLL01	Detraj Railyard	IVCLL01	Detraj Railyard
ALVA05	Detraj Railyard	ALVA05	Detraj Railyard
ALVA10	Kathuwas Railyard	ALVA10	Kathuwas Railyard
ALVA10	Kathuwas Railyard	ALVA07	Bawal Railyard
BCACB02	Gurgaon Railyard	BCACB03	Gurgaon Railyard
ALVA18	Kathuwas Railyard	ALVA18	Kathuwas Railyard

Rake Scheduling & Planning

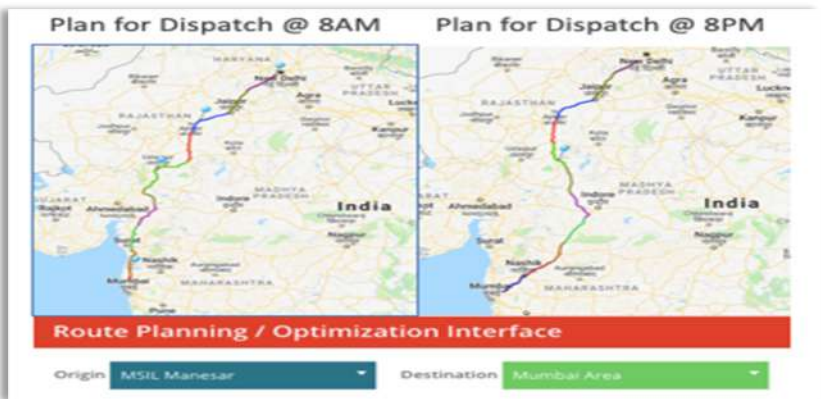
Dashboard showing Intelligent Dispatch Scheduling. It includes a summary of dispatches by month and today, and a detailed table of dispatches.

MONTH		TODAY	
Region	F M G I	Region	F M G I
C1	1000 2700 1070 0	C1	1000 2700 1070 0
C2	1000 2700 1070 0	C2	1000 2700 1070 0
C3	1000 2700 1070 0	C3	1000 2700 1070 0
C4	1000 2700 1070 0	C4	1000 2700 1070 0

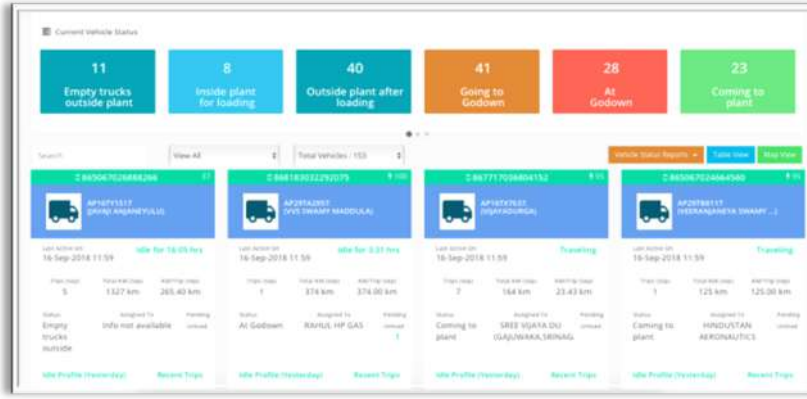
Intelligent Dispatch Scheduling



Return Trip Intelligence



Multimodal Route Recommendation



Consignment Visibility for Inventory Planning

Delivered

↓ 60%
Lower Detention Time

↑ 20%
Extra trips per month

↑ 20%
Growth in Bottomline

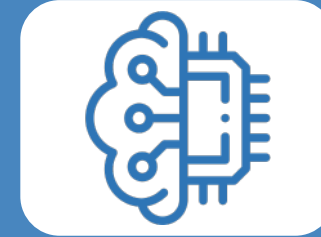
Multifaceted Solution



Cloud Based



IoT/smart devices Platform



AI/ML Intelligence



Computer Vision



Cross Platform & Seamless Integration



Vehicle and Material Integrity



Predictive & Prescriptive Analytics



Yard Management



Cross Partner Integration



Location, Audio, Visual and Multi Sensor visibility



Optimized Multimodal Load, Partner and Route Allocation



Pilferage Control



Realtime processing and analytics



Transit intelligence and accident prevention



Intelligence for Partner and SLA Management



Enhanced operation and field view



Multilingual support



Temperature, Padlock, and Mileage monitoring



Fleet Availability Prediction



Video Logs



Infinitely scalable

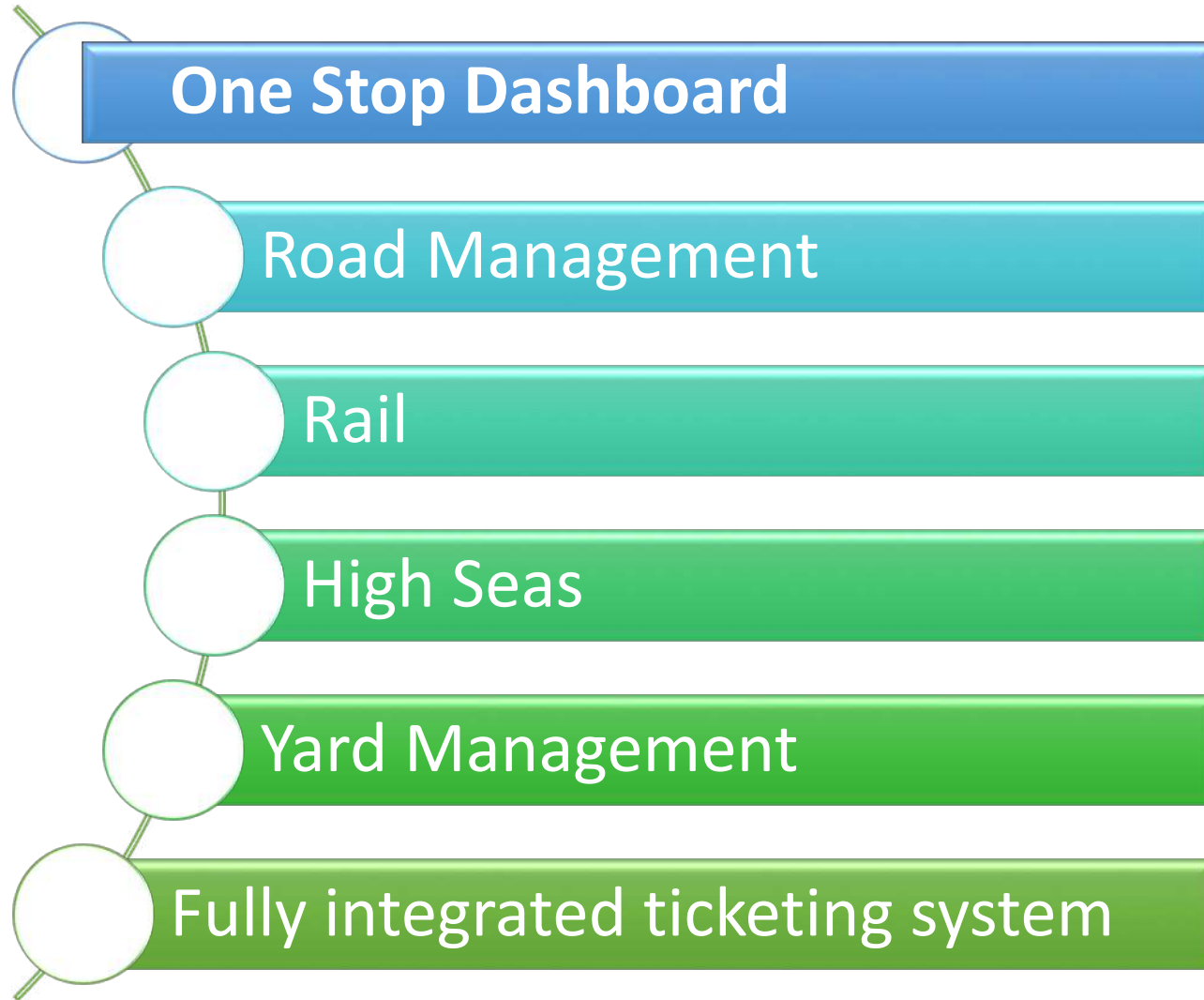
■ Part of Current Offering

■ Future R&D

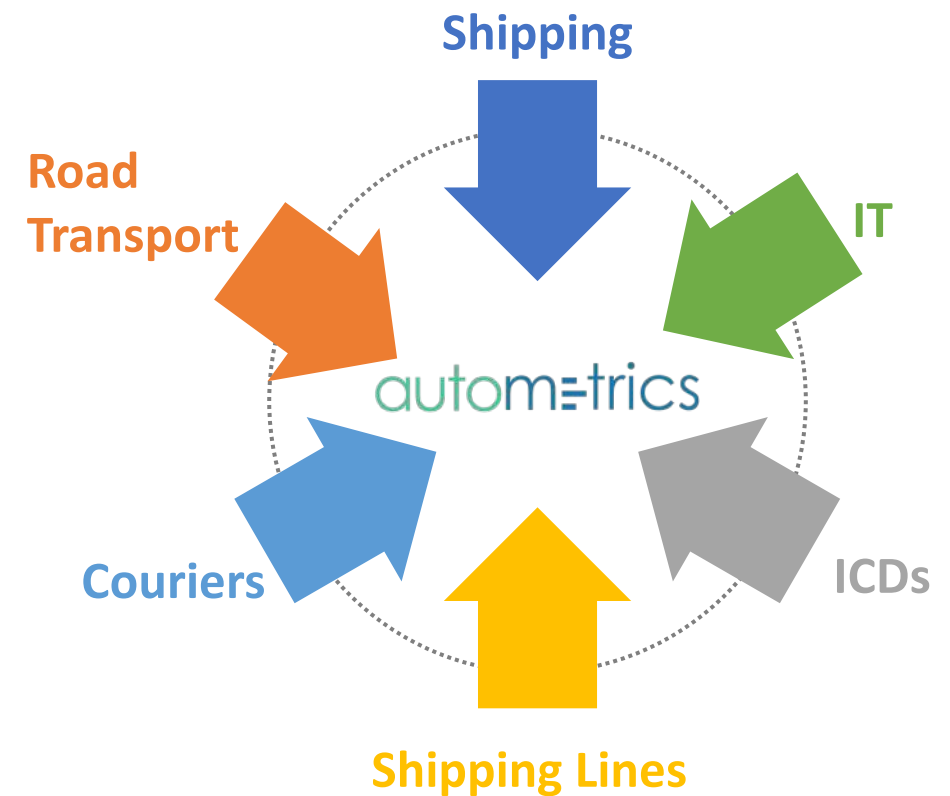


Software Suite For Field Logistics

autom=trics - The Complete Automotive Logistics Platform



ML Driven Analytics



autom=trics - Consolidated Logistics Dashboard

Department Level Instant insights into critical issues

SALES AND DISPATCH

+

SALES AND DISPATCH

>

SPARE PARTS

+

SPARE PARTS

>

TRAIN AND PRODUCTION

+

TRAIN AND PRODUCTION

>

RAIL MANAGEMENT

+

RAIL MANAGEMENT

>

SUPPLY CHAIN

+

SUPPLY CHAIN

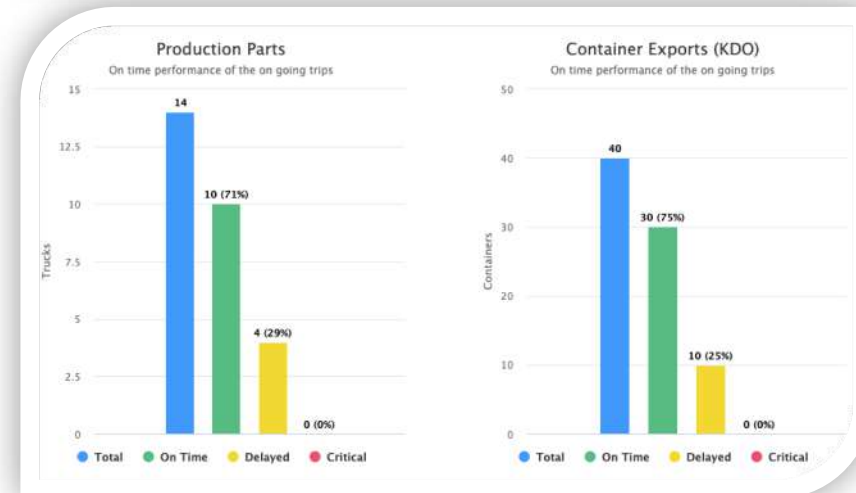
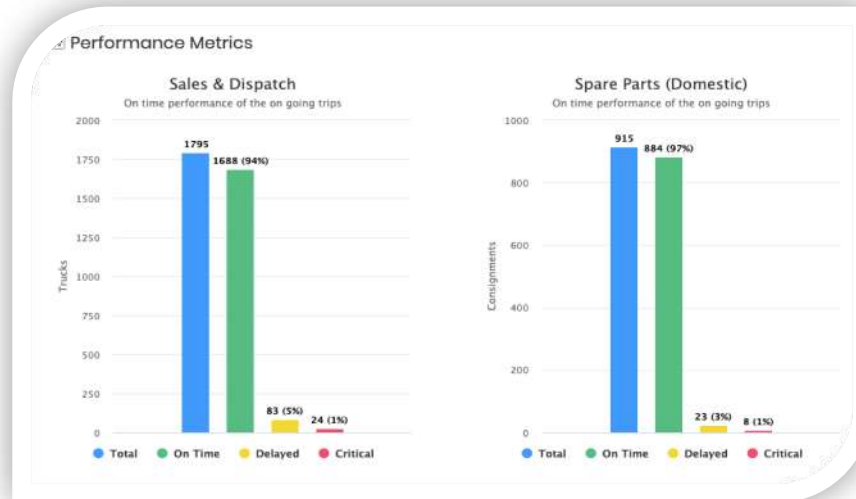
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AIR IMPORTS

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AIR IMPORTS

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Performance Metrics

BLUE HORSES OF TENTH MASTER - Gurgaon [Back](#)

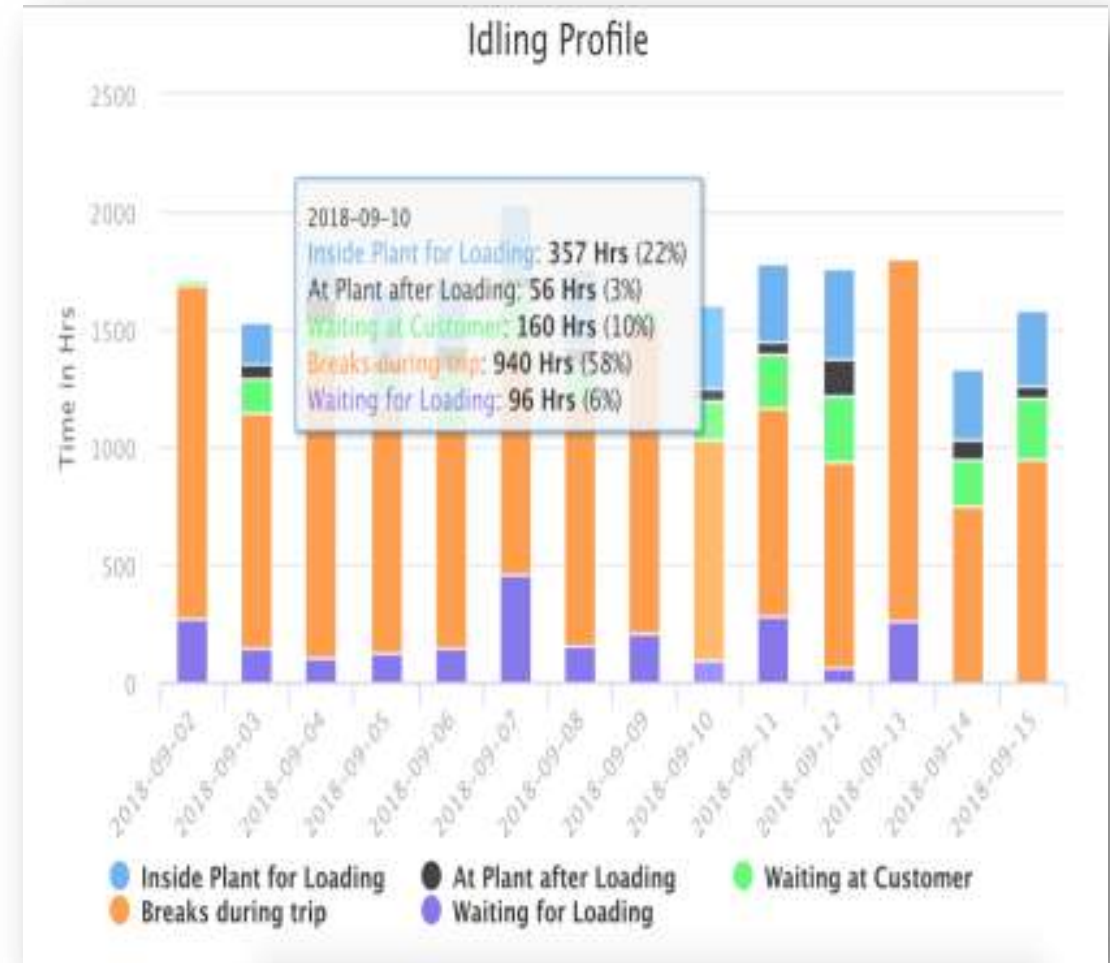
Truck No	Loading Plant
Consignee Name	Destination City
Original ETA	Transit Delay (Days)
SPOC Name	SPOC Contact Number
Remarks	

GPS not working carrier running on time

Value Proposition

- ❖ SPOC alerts & responses on critical delays.
- ❖ Completely eliminate "True" Delays.
- ❖ **Increase trip efficiency by ~10%**

Fleet Efficiency Analysis with actionable insights



Dealer Profiling for optimal dispatch scheduling

Learning algorithms recommend the dispatch windows for fastest unloads

Dataset Duration: **ALL Data**

Distributor Name: **SHAH BROTHERS**

Total Trips recorded to date: **426**

Avg. Loads Per Day: **3**

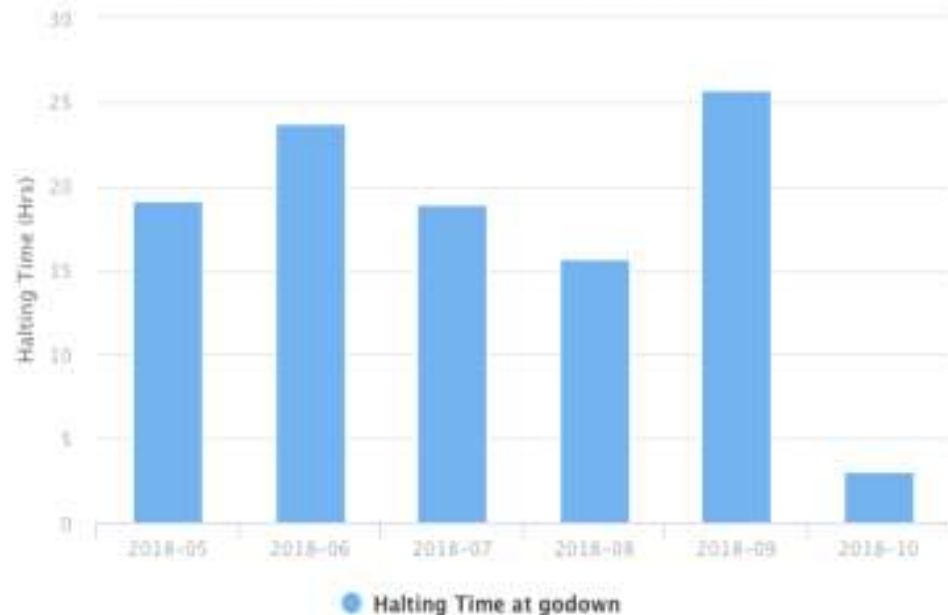
Avg. Unloading Time at Warehouse: **19.51 hrs**

Avg. Unloading Time at Warehouse (Last 5 Trips): **14.09 hrs**

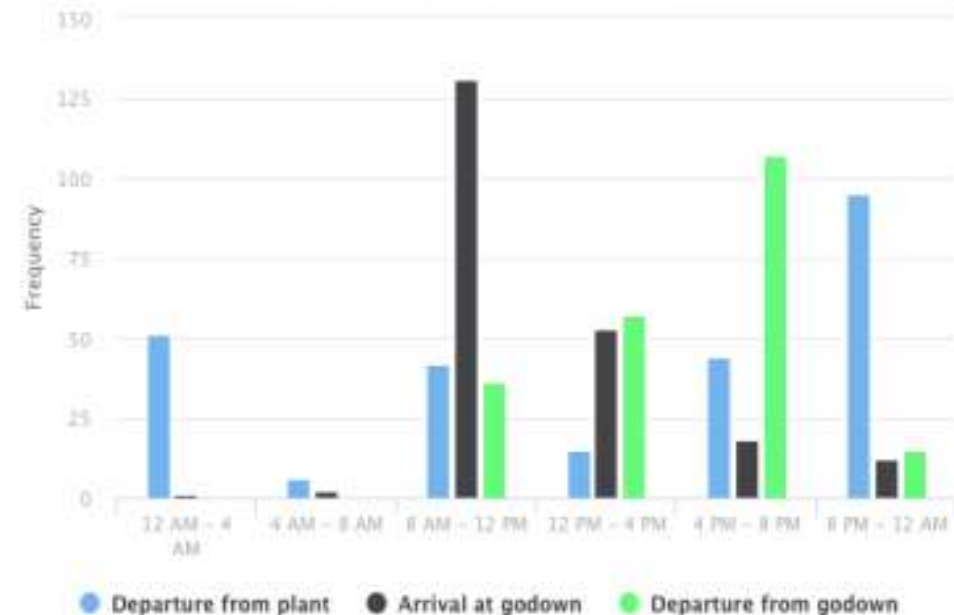
Avg. Travel time (Including Unloading): **35.39 hrs**

** Any vehicle that reaches godown after 5PM, the waiting time at warehouse is considered from next day morning 6 AM*

Avg. Halting time at godown (Monthly)



Time Window Frequencies

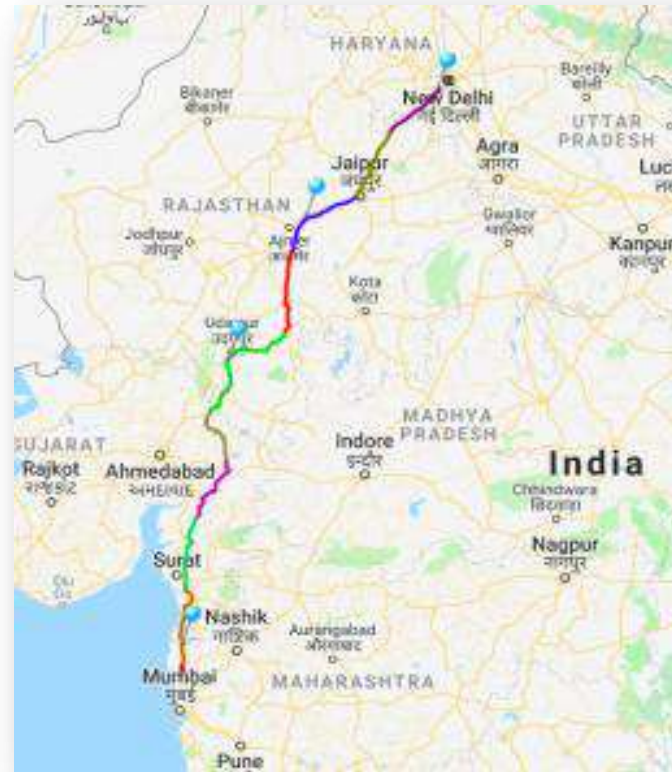


Automated Intelligent Route Scheduling

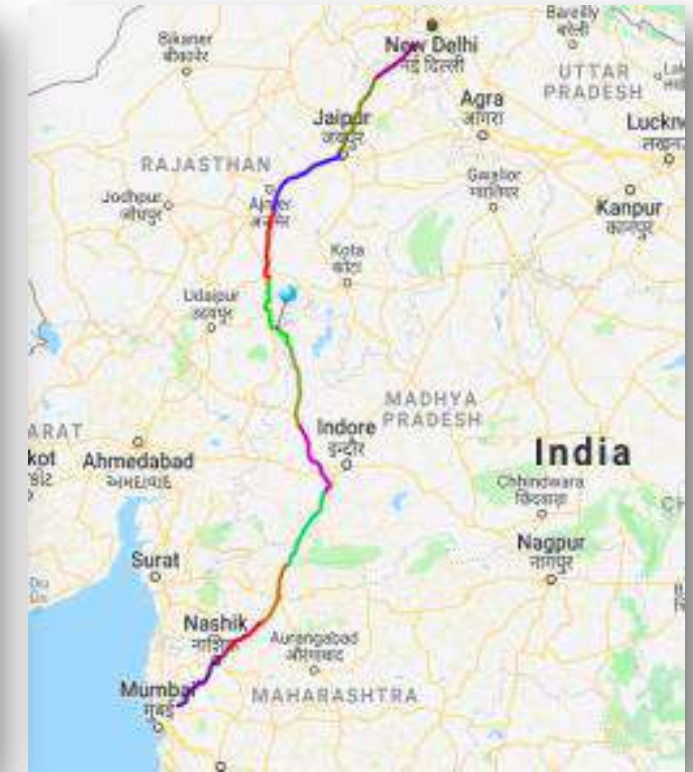
Machine Learning Driven Route Recommendations

- ❖ Time sensitive Route Recommendation Engine.
- ❖ Configurable “Best Route” analyzer.
- ❖ Scalable to “Dynamic Route Planner”

Plan for Dispatch @ 8AM



Plan for Dispatch @ 8PM

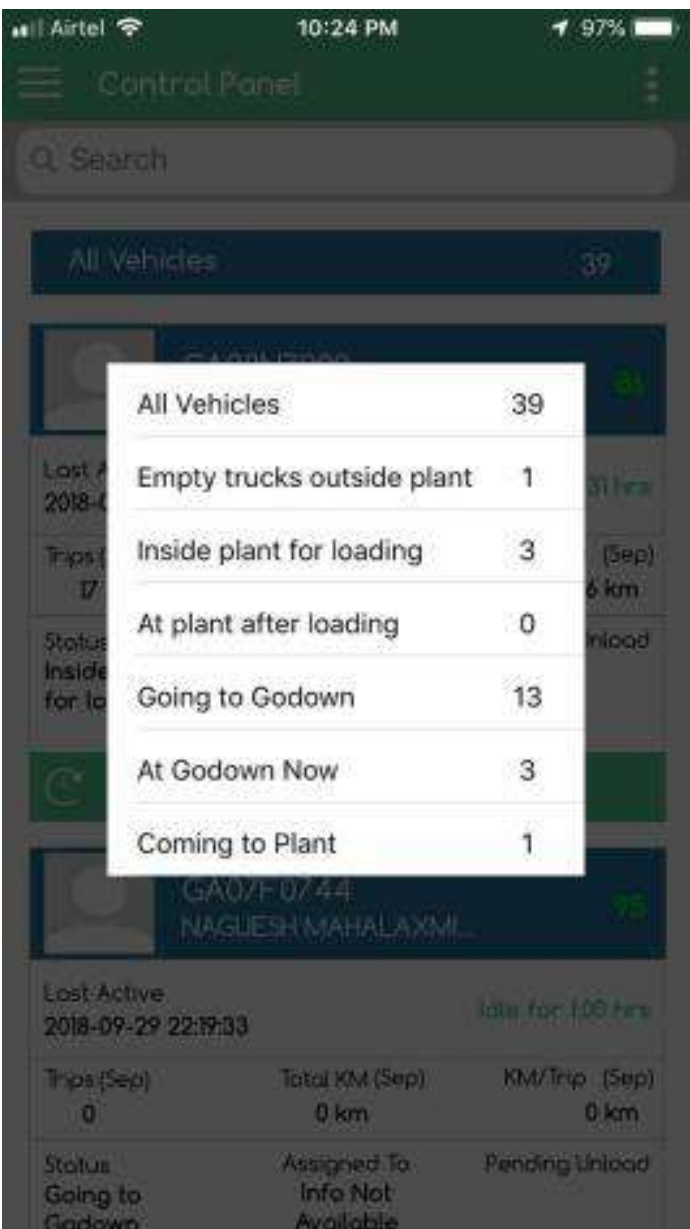


Route Planning / Optimization Interface

Origin MSIL Manesar

Destination Mumbai Area

Multi-lingual Mobile App (Android & iOS)





entracPro – The Hardware

entracPro - Overview

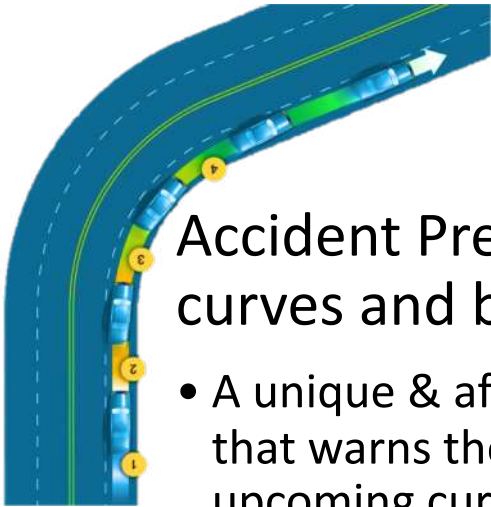
Highlights

- ✓ AIS 140 Certified by ARAI
- ✓ **Proprietary In-House design**
- ✓ Intelligent BMS
- ✓ Driver / device monitoring
 - ✓ Driving behavior, speeding, freewheeling, intelligent device tampering detection
- ✓ **Patent Pending** accident avoidance system
- ✓ (Optional) Voice box with **custom messaging**
- ✓ **AI driven** non intrusive fuel monitoring.

Advanced Features

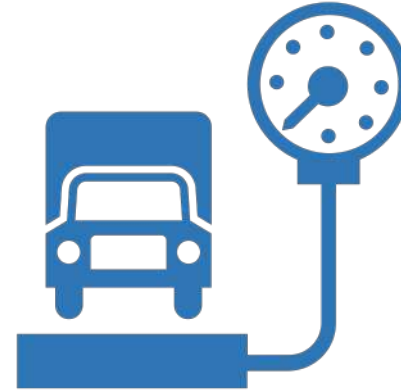
- ✓ Feature Ready For Advanced Integration
 - ✓ **Navigation panel system**
 - ✓ **Drowsy driver detection**
 - ✓ **Padlock sensor**
- ✓ Industrial Grade Secure Transmission Protocol
- ✓ **Programmable firmware** with OTA support.

“First In Industry” Inventions



Accident Prevention at curves and blind mergers

- A unique & affordable solution that warns the driver of an upcoming curve on a highway (day or night) when driving beyond permissible speeds.

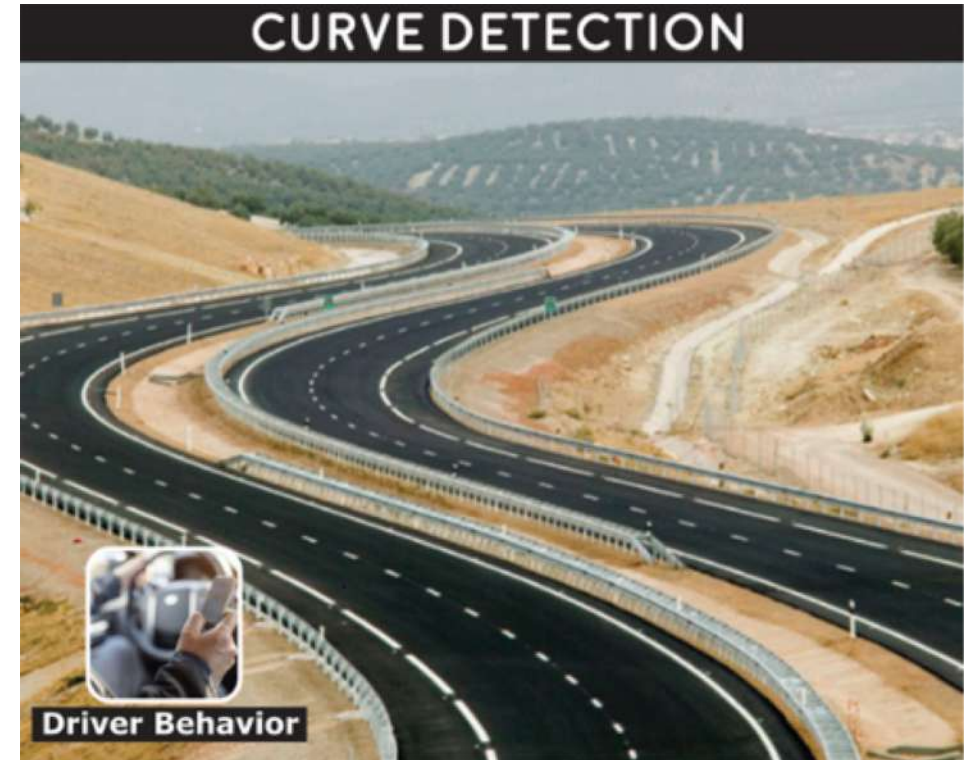


Cargo Weight Detection without load sensors

- First in the world solution that detects the weight of cargo in a vehicle without the use of a load sensor.

entracPro – Curve Detection Technology

- Industry's first retro-fitted solution viable for Indian market.
- Patent pending solution.
- Detects a dangerous curve on highway 500m ahead and warns the driver.
- Second most cause of accidents on Indian roads





Yard Management Solutions

Vehicle Capacity and Route management

Intelligent

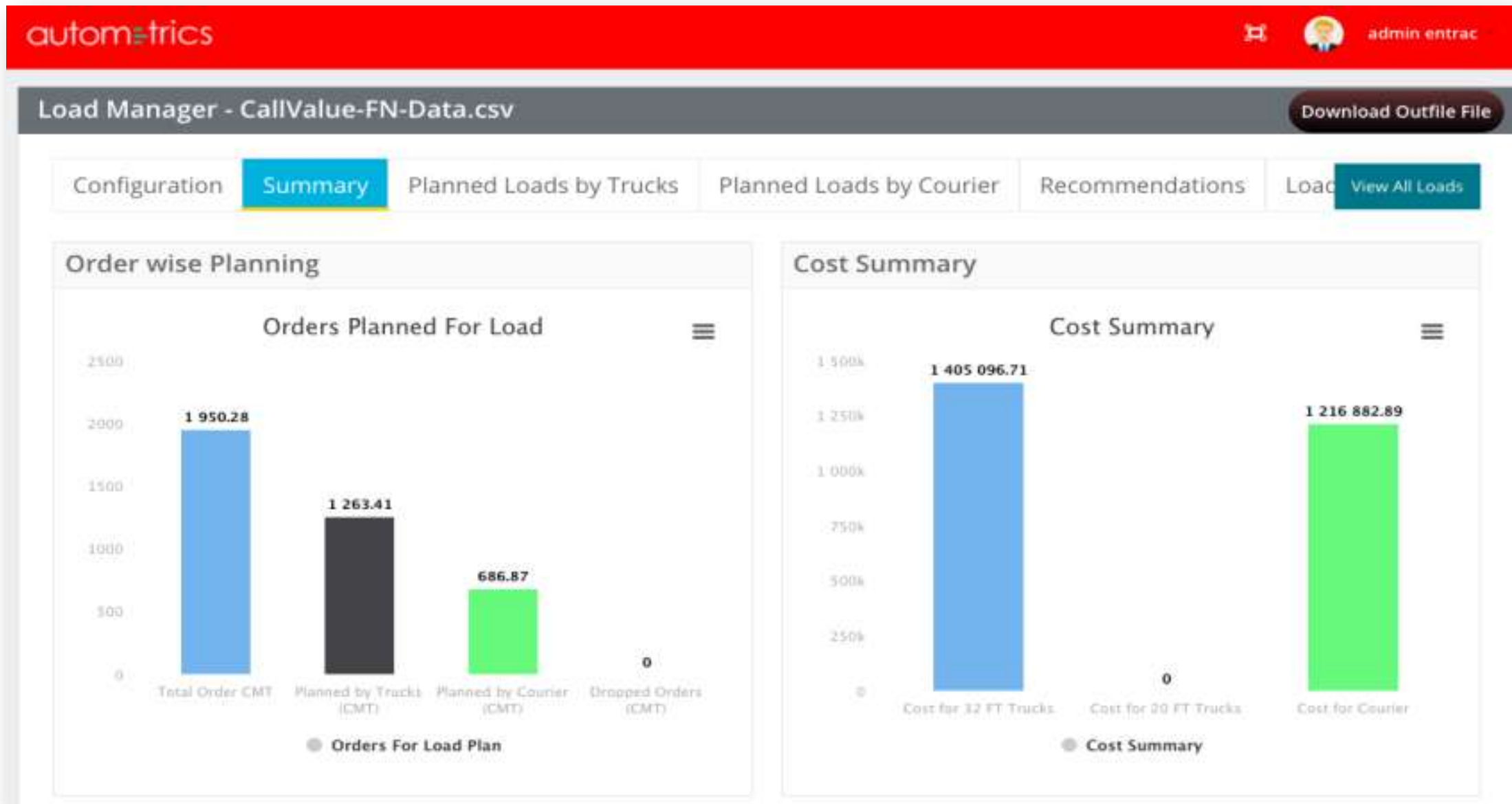
- ✓ **First In Industry** route planning solution for First Mile Trucking
- ✓ **Machine Learning** to maximize truck capacity utilization.

Customizable

- ✓ **Configurable constraints** (₹/CMT, ₹/KM)
- ✓ Regional Transporter Associations
- ✓ **Share Of Business** Driven Assignments



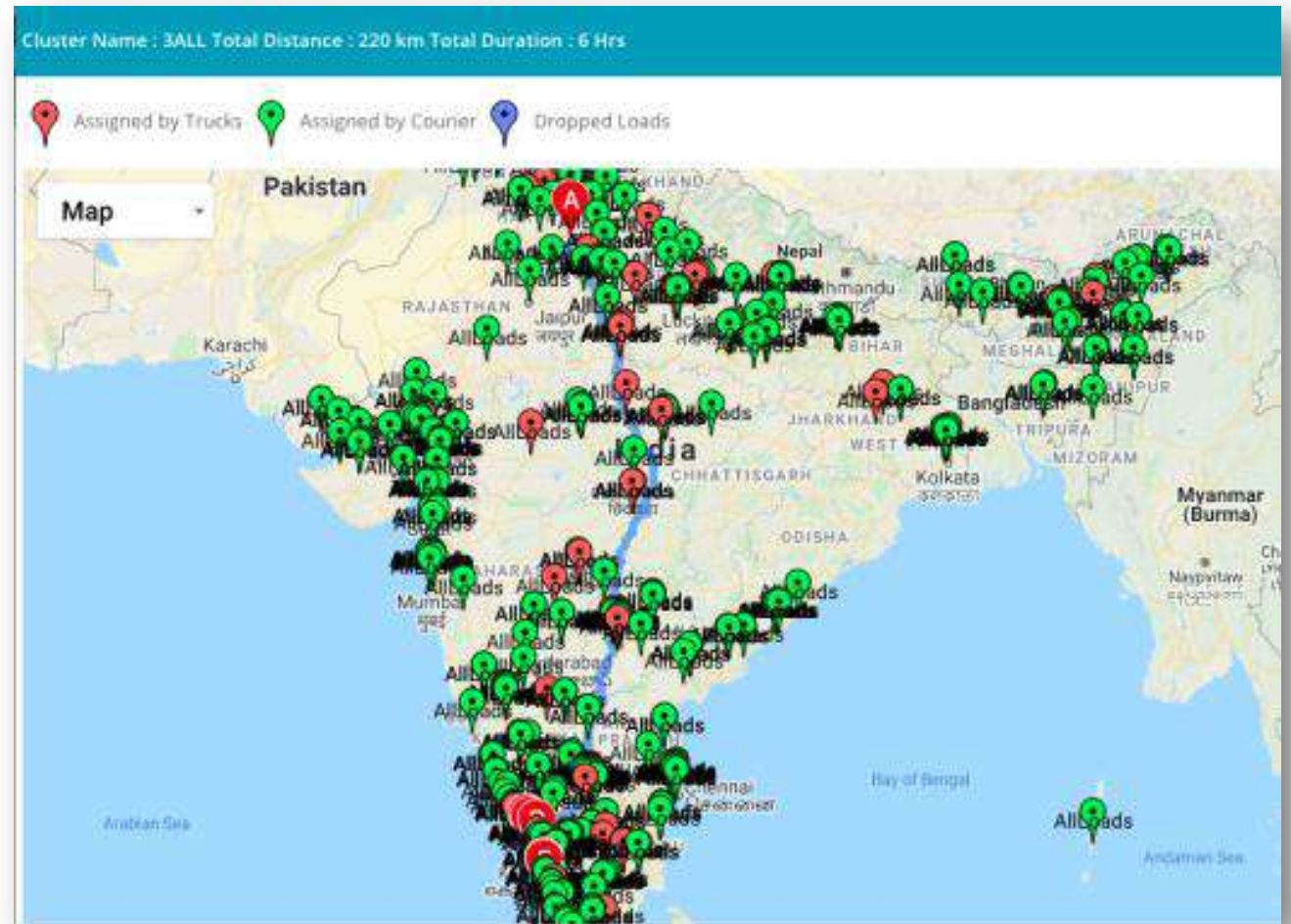
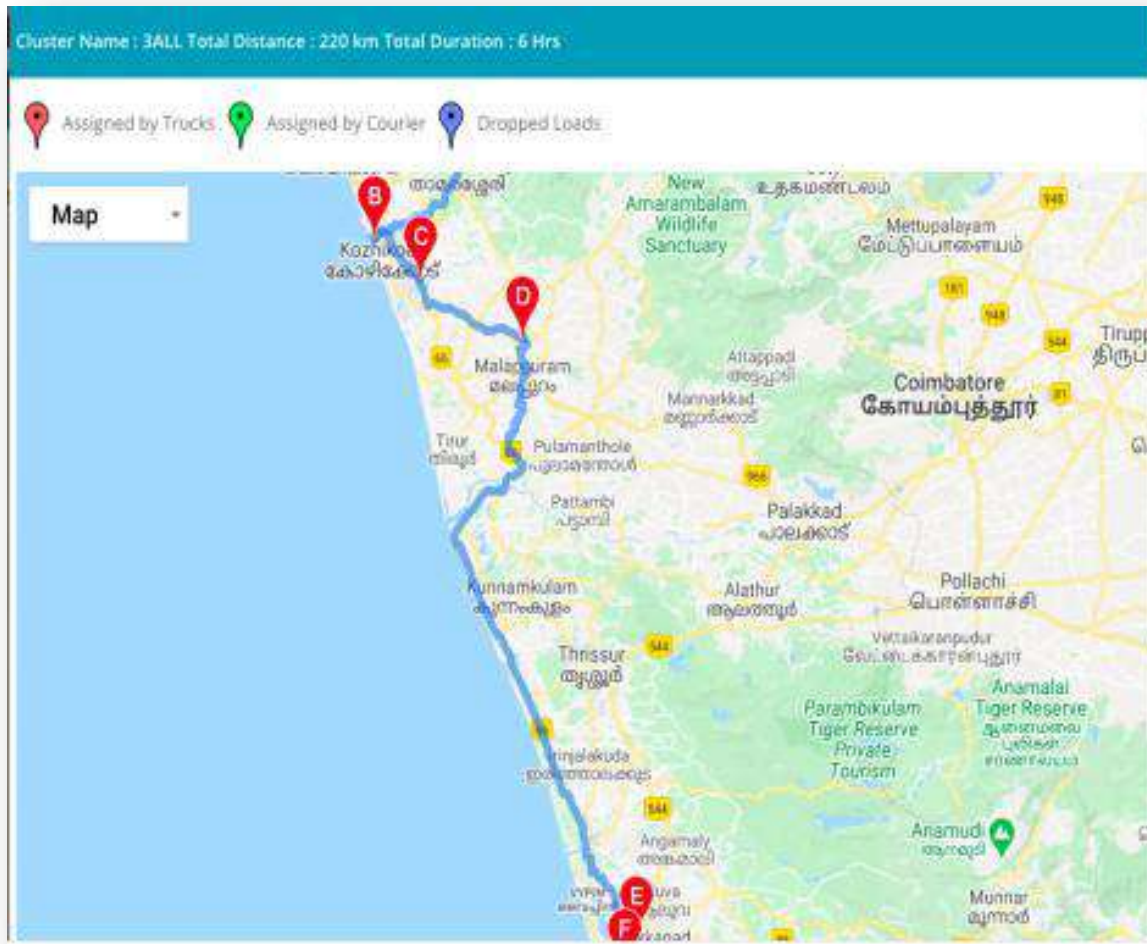
Assignment Dashboard & Analytics



AI Driven Recommendation engine

Load Manager - CallValue-FN-Data.csv												Download Outfile File
Configuration		Summary		Planned Loads by Trucks		Planned Loads by Courier		Recommendations		Load	View All Loads	
												Send Recommendations
Cluster	No. Orders	Total Load (CMT)	Total Cost	Current Transport Mode	Recommended Transport Mode	Proposed Total CMT by Truck	Proposed Cost/CMT by Truck	Proposed Total CMT by Courier	Proposed Cost/CMT by Courier	Proposed Cost Truck	Proposed Cost by Courier	Proposed Total Cost
71 - ALL	1	40.12	72296.24	Courier	20Ft	0	1782	0	8.5	0	0	0
207 - ALL	1	38.88	53576.64	Courier	20Ft	0	1079	0	6.5	0	0	0

Assignment Visualization





Machine Vision For Logistics

AI driven CV For Yard Management

Tamper Proof



Eliminate
possibility of
tampering

Global-Eye



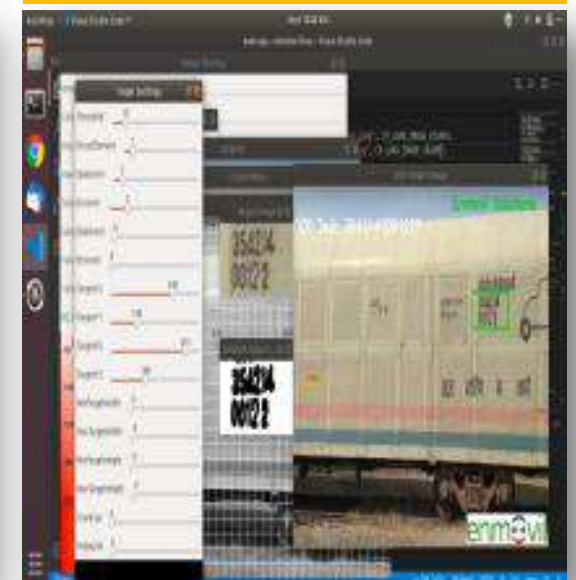
Asset
independent
scalability

Non Intrusive



Existing
infrastructure is
untouched

Video Logs

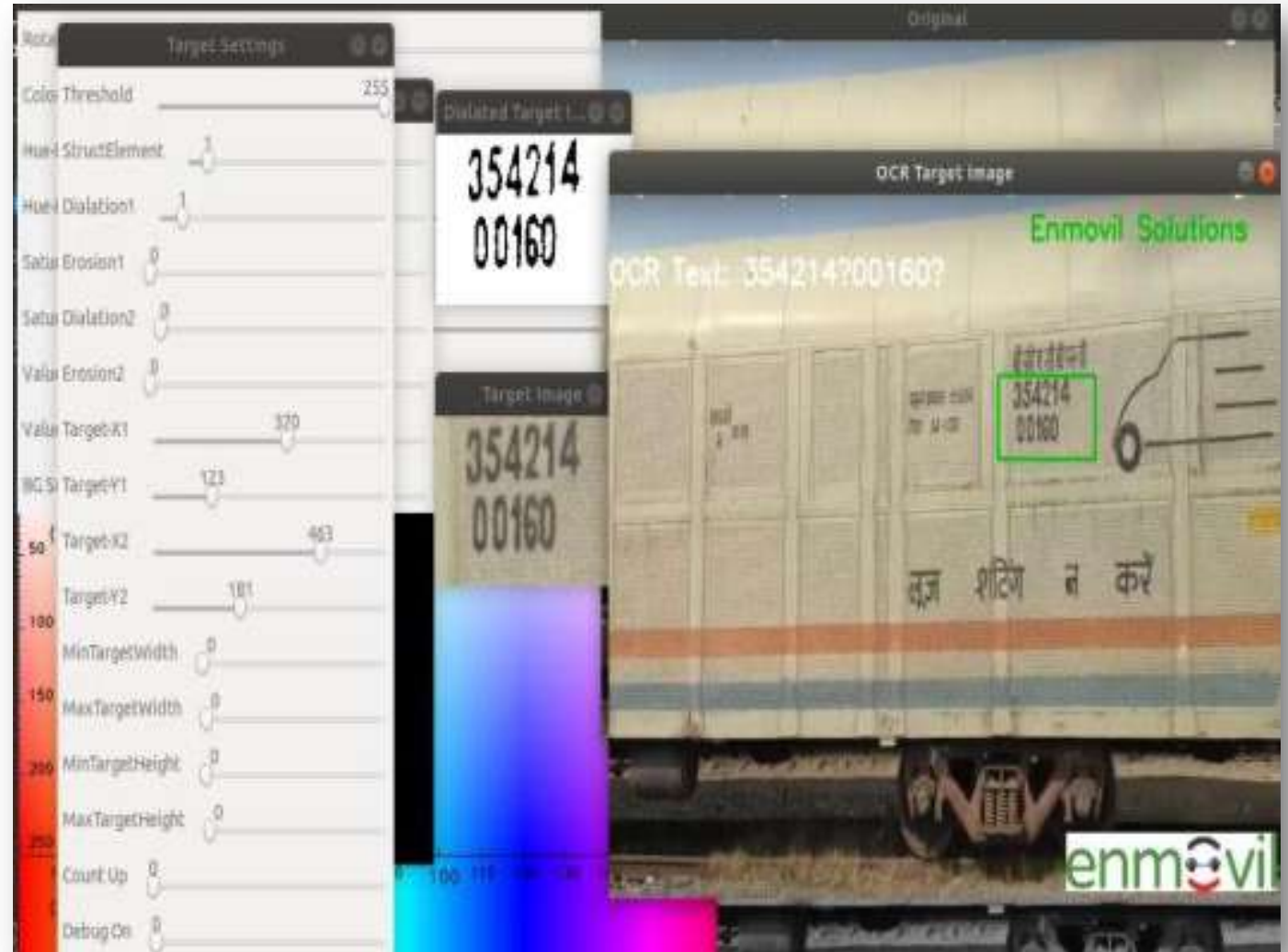


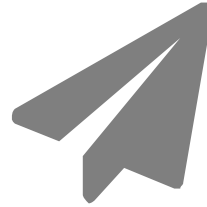
Nothing like a
video proof!

AI driven vision solutions from Enmovil

OCR for Rake Management

- ❖ Real Time Frame Processing
- ❖ Multi-Language Detection
- ❖ AI for special scenarios





TECHNOLOGY LEADERS IN FIELD LOGISTICS



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