



Hedonic Path Finder System

# Distillery Application Overview

## HOTSPARE

# Coverage



Distillery Stakeholders



Stakeholders Roles



Transaction Process Flow



Raw Material Procurement



Lab Analysis



Indent Management



HEAL Management



Line Production



Shipments



Other Features



Reports



Vehicle Tracking System

# Distillery Stakeholders

## Distillery Management



Distillery Manager



Distillery Chemist

## Excise



Distillery Officer

# Distillery Stakeholder Roles



## Distillery Manager

- Indents / Request for Procurement of “Raw Material”
- Purchase HEALS
- HEAL Indents for Daily Production
- Indent For Supply
- Remitting Excise Duty
- Transport Permits Indenting
- Production
- Warehouse / Stock Management



## Distillery Chemist

- Indent for Chemical Lab Analysis Reports
- Maintaining Spirit Registers
- Indents for Re-Distillation of Raw Material
- Indent for Bottling

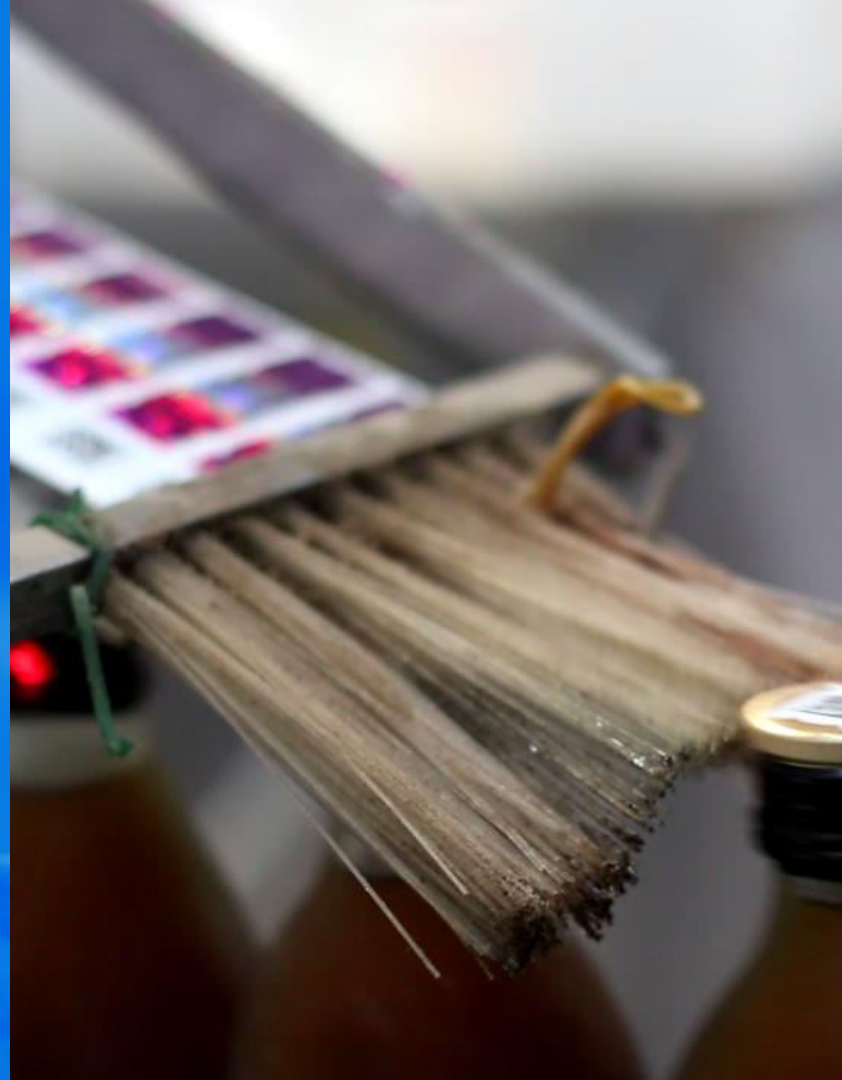


## Distillery Officer

- Approves and Forward HEAL Indents to AS Labels
- Approve Transport Permits
- Approve and Forward Lab Analysis to Excise Chemical Lab
- Approve Indents for Re-Distillation & Bottling
- Allocate HEALs for Daily Production
- Hologram Inventory

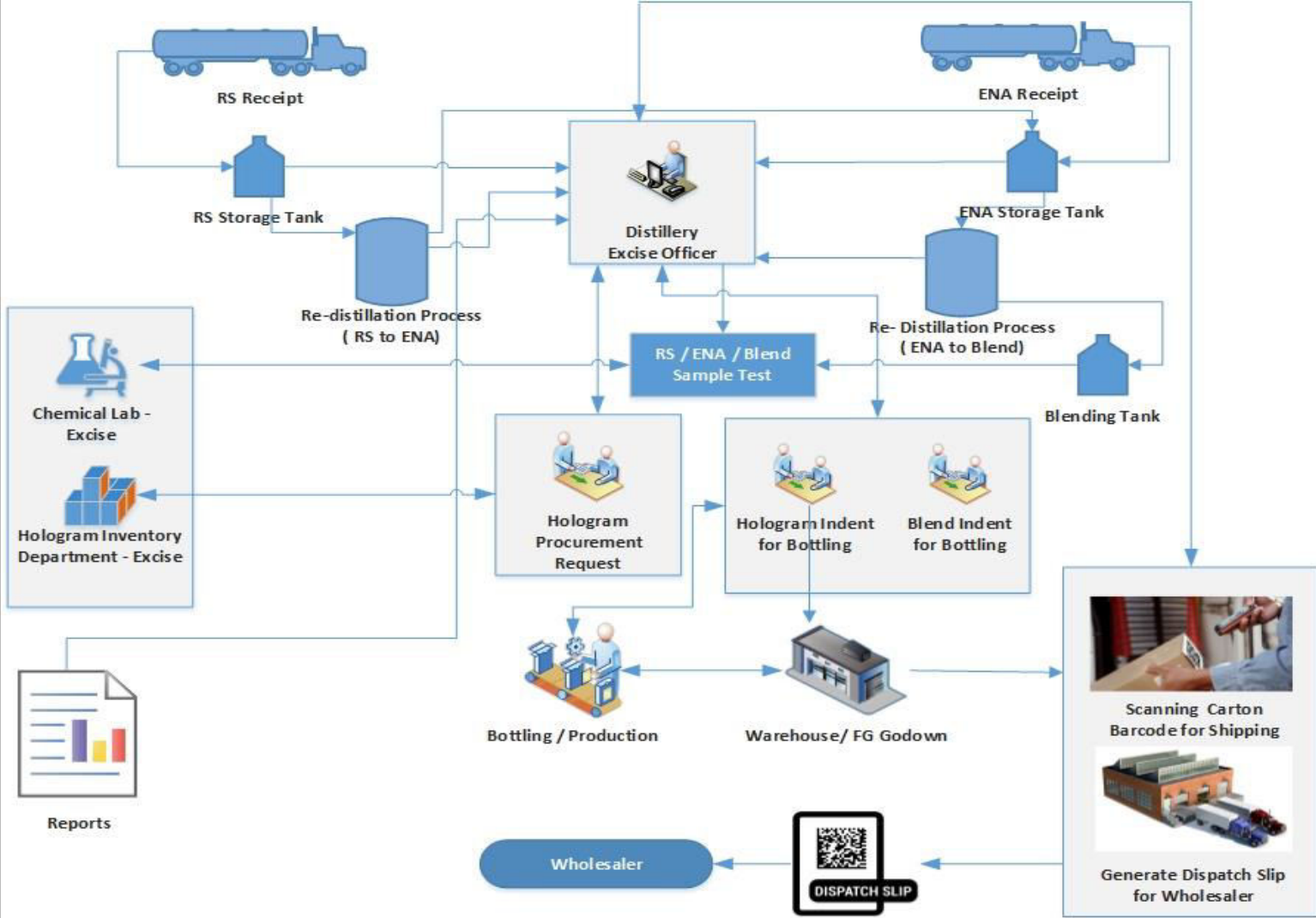
# Purpose/Objective /Goals

- Ability to exercise complete control on liquor production at distilleries.
- Ability to track the transportation of liquor produced between distilleries and managed storage depots / Wholesalers
- Efficient and transparent procurement at all levels.
- Inventory management of liquor sales using high security holograms along with 2D Barcode Barcodes.





# Distillery Overview



# Raw Material Procurement

Module	Activities
Raw Material Procurement	<ul style="list-style-type: none"><li>• Distillery Request for Issue of Raw Material to Excise</li><li>• Excise Approves and Permits for procurement of Raw Material from Suppliers</li><li>• Distillery Receives Raw Material</li></ul> <p>Types of Raw Material</p> <ol style="list-style-type: none"><li>1. RS</li><li>2. ENA</li><li>3. Blend</li><li>4. Other Spirits (MALT, HTS &amp; GRAPE)</li></ol>
Spirit Registers	<ul style="list-style-type: none"><li>• Raw Material Receipts, Production and Wastage details are updated in Spirit Registers</li></ul>

# Lab Analysis

Module	Activities
CE Report	<p>Every Liquor Sample / Raw Material is tested and sent to Excise Lab. The Approved doc generated by Chemical Examiner is CE Report</p> <p>Types of Samples</p> <ul style="list-style-type: none"><li>a) RS</li><li>b) ENA</li><li>c) Blend</li><li>d) Other Spirits (Grape, Malt, HTS)</li><li>e) Finished Goods</li></ul>



# Indent Management

Module	Activities
Re-Distillation Process	<p>Distillery Chemist Indents for Issue of Raw Material for Re-Distillation Process.</p> <ol style="list-style-type: none"><li>1. RS to ENA</li><li>2. ENA to Blend</li><li>3. Other Spirits to Blend</li></ol>
Blend For Bottling	<p>Distillery Chemist Indents for Issue of Blend for Bottling</p>

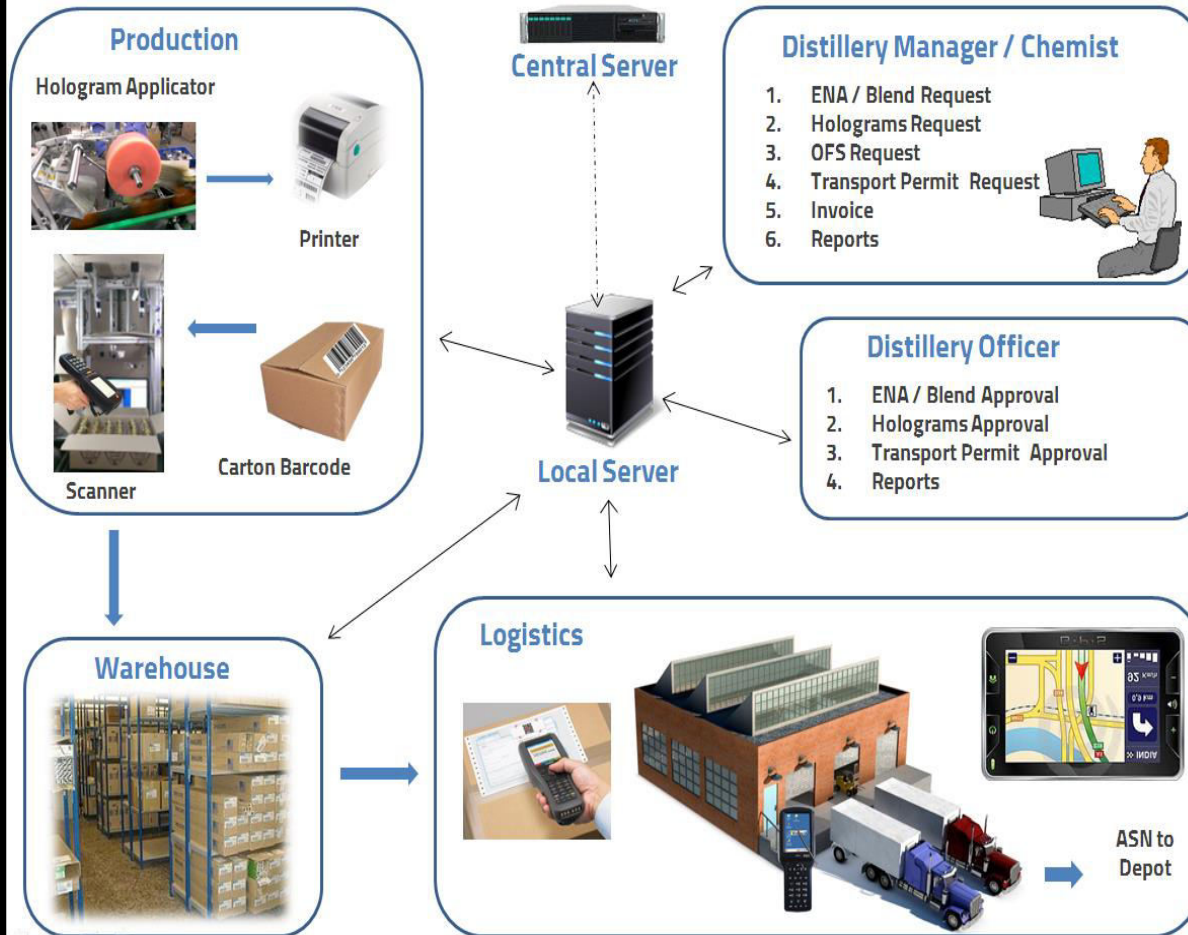
# HEAL Management

Module	Activities
HEAL Purchase Indents	Distillery Purchase HEAL (Holographic Excise Adhesive Label) from AS Labels (Excise)
HEAL Daily Indents	On Daily Basis Distillery Indents for HEALs to affix on liquor bottle
HEAL Utilization Reports	HEAL Utilization Report gives the detailed HEAL Inventory Report.



# Distillery Process







# Line Production

Module	Activities
Products	Complete Product Details Info
Production Lines	Create and Configure Production lines with Network Printer and Vision Scanner
Production	Associates data to HEAL which is affixed on each bottle a. Product Details b. MFG Date c. Batch No d. MRP e. Line ID f. Supplier Name



# Pre-Printed Production



# OFS ( Order for Supply )

**DISTILLERY**

IFS Request



**CORPORATE  
OFFICE (CO)**

OFS approval

# Shipment

Module	Activities
OFS	OFS (Order for Supply) is the approved document by Corporate Office against IFS (Indent For Supply)
Route Creation	<ul style="list-style-type: none"><li>Creates Excise approved Routes for Vehicle movement and Tracking</li><li>View Vehicle route for Each Shipment</li></ul>
Transport Permit	TP is an Excise document generated for shipment of Liquor consignment from Distillery to <ol style="list-style-type: none"><li>Local Depots / Wholesalers</li><li>CSD</li><li>Export Purpose</li></ol>
Excise Duty	Displays Remittance and Shipment wise Excise duty details
Invoice, EVC & GRN	Shipment wise Invoice, EVC(Excise Verification Certificate) & GRN(Goods Receipt Note)
TP Vehicle Accident	In Case of Vehicle accident, TP details will be re associated with New Vehicle details
Vehicle Tracking System	Efficient and transparent monitoring of vehicle movement and Routes over Digital Maps

# Other Features

Module	Activities
Inter Depot Transfer	Indent for movement of stock between two Depots
Dashboards	<ol style="list-style-type: none"><li>1. Production / External Dashboard to view Real time Production Status</li><li>2. Internal Dashboard to daily transactions of all modules</li></ol>
Alerts	Circulars send by Management or Excise officers are displayed
TP Revalidation	The validated shipment details of late arrival of vehicles at depot are displayed.

# Distillery External dashboard



Prohibition and Excise Department

M/S. UNITED SPIRITS LIMITED-MALKAJGIRI



Total Production

Cases **10735**



Heal Utilization

**364266**



Shipments / Cases

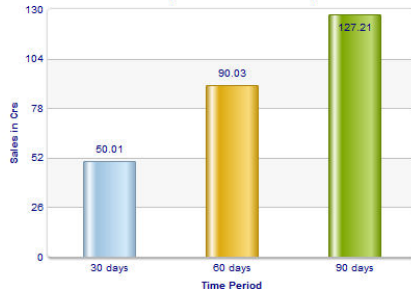
**8 / 7533**



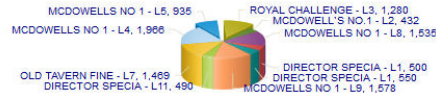
Excise Duty

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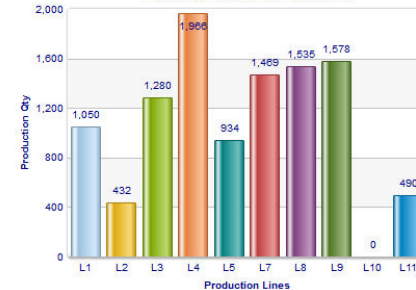
M/S. UNITED SPIRITS LIMITED-MALKAJGIRI  
Sales/Shipment Value As on 19 Sep 2016



M/S. UNITED SPIRITS LIMITED-MALKAJGIRI  
Summary Report: Products wise on 19 Sep 2016



M/S. UNITED SPIRITS LIMITED-MALKAJGIRI  
Line Wise Production on 19 Sep 2016



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# Reports

Module	Activities
Stock	<ol style="list-style-type: none"><li>1. Complete Stock details are displayed for all production Types.<ul style="list-style-type: none"><li>• Local</li><li>• CSD</li><li>• Export</li></ul></li></ol>
Breakages	Displays all bottle Breakage details marked at warehouse
Excise Duty	<ol style="list-style-type: none"><li>1. Excise Duty Remittance</li><li>2. Challan Wise Reports</li><li>3. Transport Permit wise Challan Amount utilization.</li></ol>
Line Wise Daily Production	Line wise Daily Production Report
EVC & GRN	Transport Permit wise / Depot wise Excise Verification Certificate and Goods Receipt Note
Chemical Analysis	Batch Wise, Brand Wise Chemical Analysis Reports
Stock Ageing Report	Batch Wise, Brand Wise Stock Ageing Report
Sales Report	Batch Wise, Brand Wise , Depot Wise Sales Report
OFS	Depot Wise Pending and Utilized OFS reports
HEAL Utilization	HEAL Inventory Report

# HEAL Utilization Report

- Daily HEAL Utilization Report
- Monthly / Consolidated HEAL Utilization Report
- Line Wise HEAL Utilization Report
- Line wise Spool Allocation Report with Spool Allocated and De allocated Date
- HEALs Stock Register (Register No. 10)
- Utilization of HEALs Register (Register No. 11)
- List of Damaged HEALs report with Spool ID (With Line-ID, Purpose, and Date Wise)
- HEAL Daily Indent based spool allocation report.
- DM-2 Detail Report

# HEAL Inventory

- Updating of HEAL closing balance at end of financial year (16-17)
- Updating of Opening Balance for New financial year (17-18)
- Distillery Officer will Scan and provide the details of HEAL inventory

## By Scanning Carton

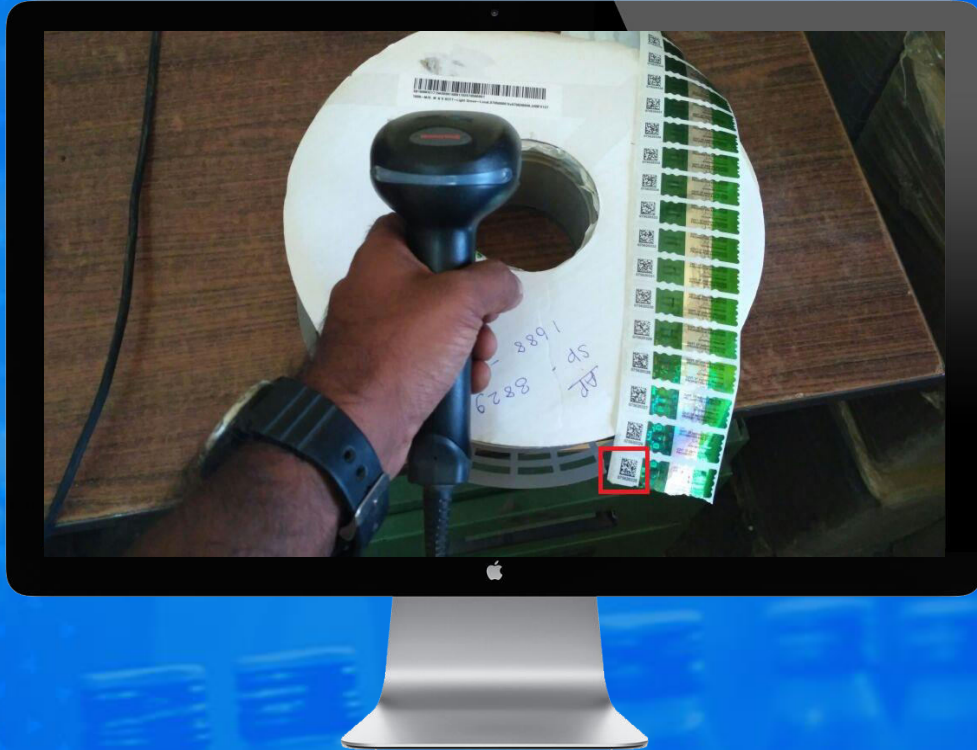


## By Scanning Spool Barcode





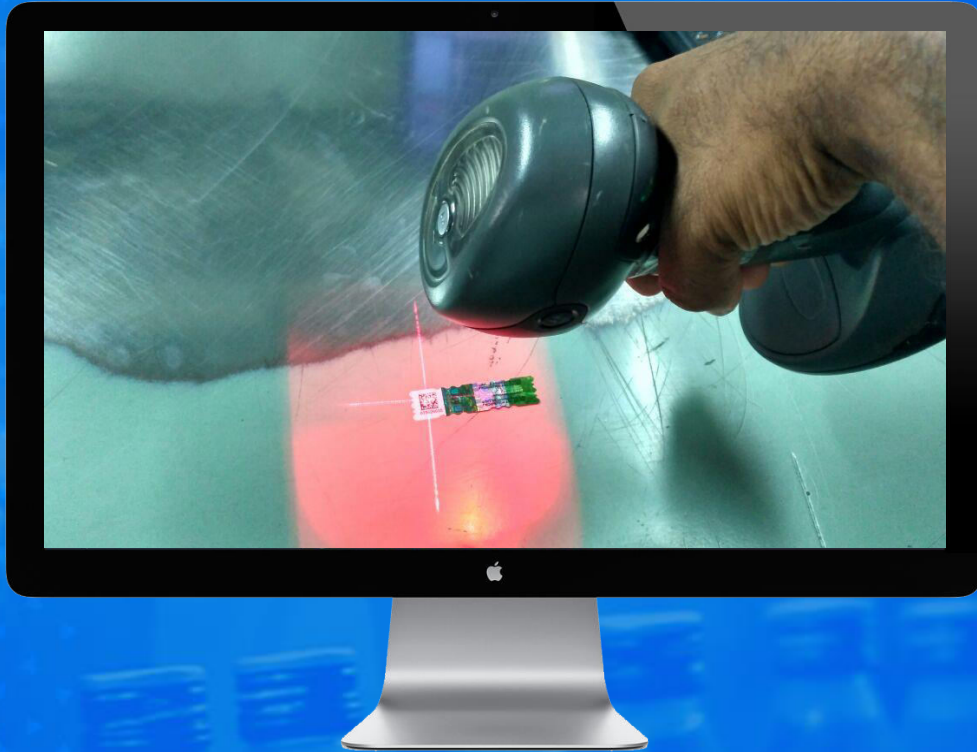
# By Scanning Partially Completed Spool



# By Scanning Partially Used Spool



# By Scanning Loose HEALs



# HPFS Vehicle Tracking System

- Ability to provide effective real time vehicle location
- Ability to track the transportation of trucks from Distillery to Depots
- Efficient and transparent monitoring of vehicle movement and Routes over Digital Maps

# Way-Points Creation

Location Name	District	Latitude	Longitude
M/s. EAGLE DISTILLERY	Kadapa District	14.4791	78.775225
M/s. ESVEEAAR DISTILLERIES PVT LTD	Tirupathi	13.663543	79.513678
M/S. G S B AND CO LLP	Visakhapatnam	17.635042	82.845526
M/S. GOWTHAMI AGRO INDUSTRIES PVT LTD	West Godavari	16.75762	81.062668
M/S. PEARL DISTILLERY LIMITED	Prakasam	15.216381	80.017069
M/S. PRAG DISTILLERY	East Godavari	16.995672	82.022477
M/s. Soaring Spirits Pvt. Ltd.	Eluru	16.828781	81.382713
M/S. UNITED SPIRITS LIMITED,(S/L. SRI KRISHNA)	Chittor	13.249939	79.102035
M/S. SENTINI BEVERAGES PVT.LTD	Krishna	16.730296	80.345641



# Route Creation

**Route Information**

Route Name\* SHAMSHABAD - EG-III

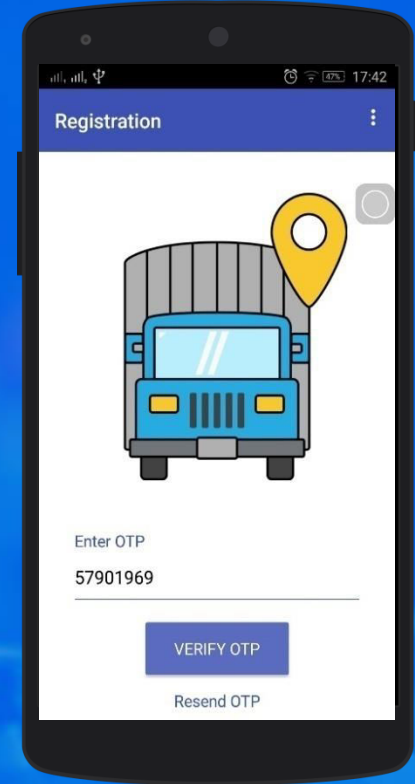
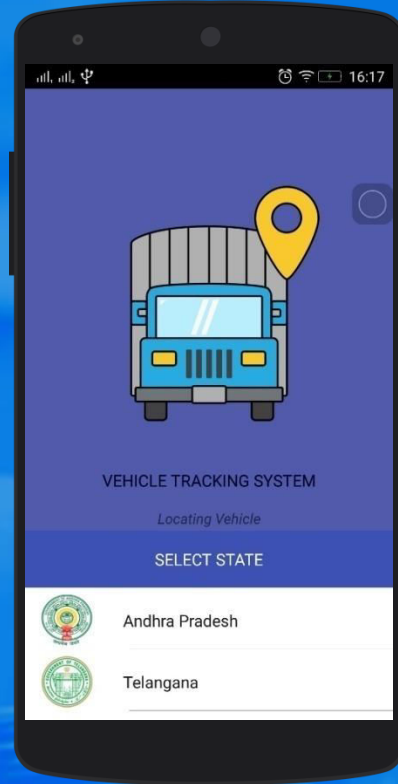
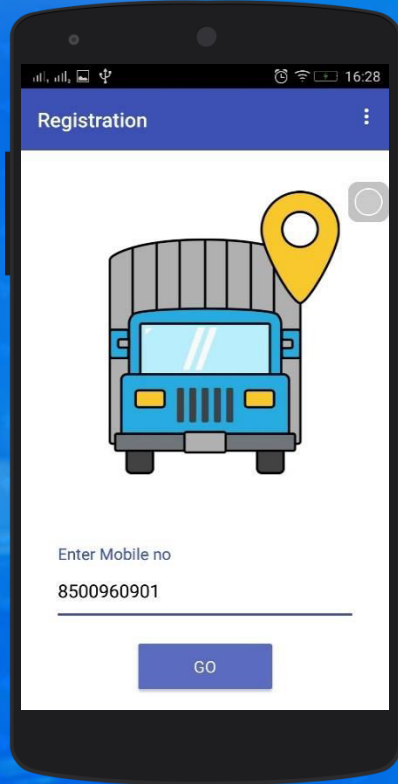
Route\* Shamshabad - Suryapeta-Khammam-Rajahmundry-Amalapuram

Source\* M/S. RADICO KHAITAN LIM

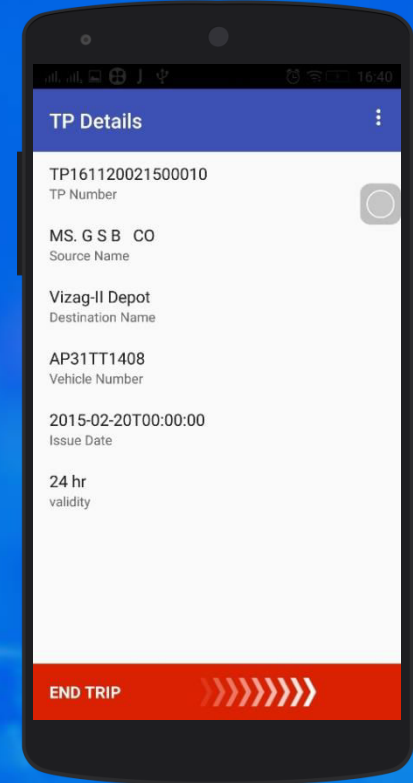
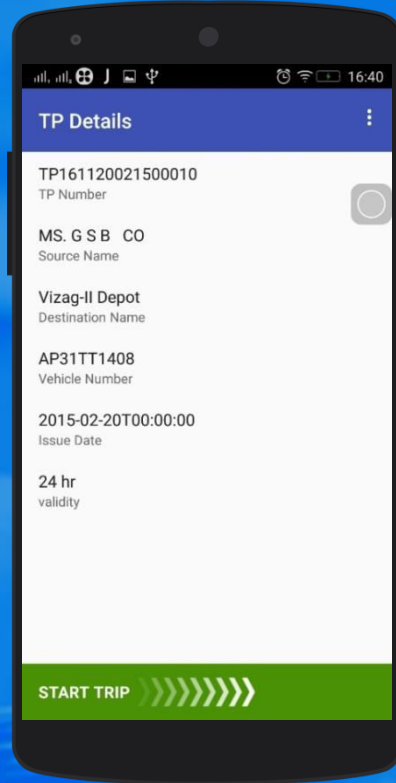
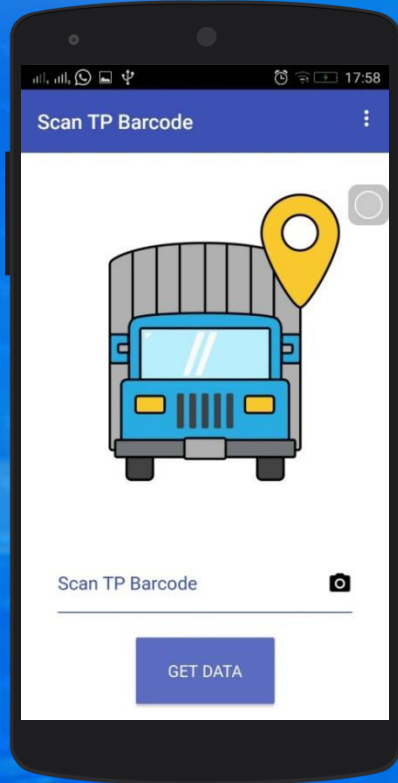
Destination\* Excise Depot East Godavari

Save ✓ Cancel ✕

# VTS Registration

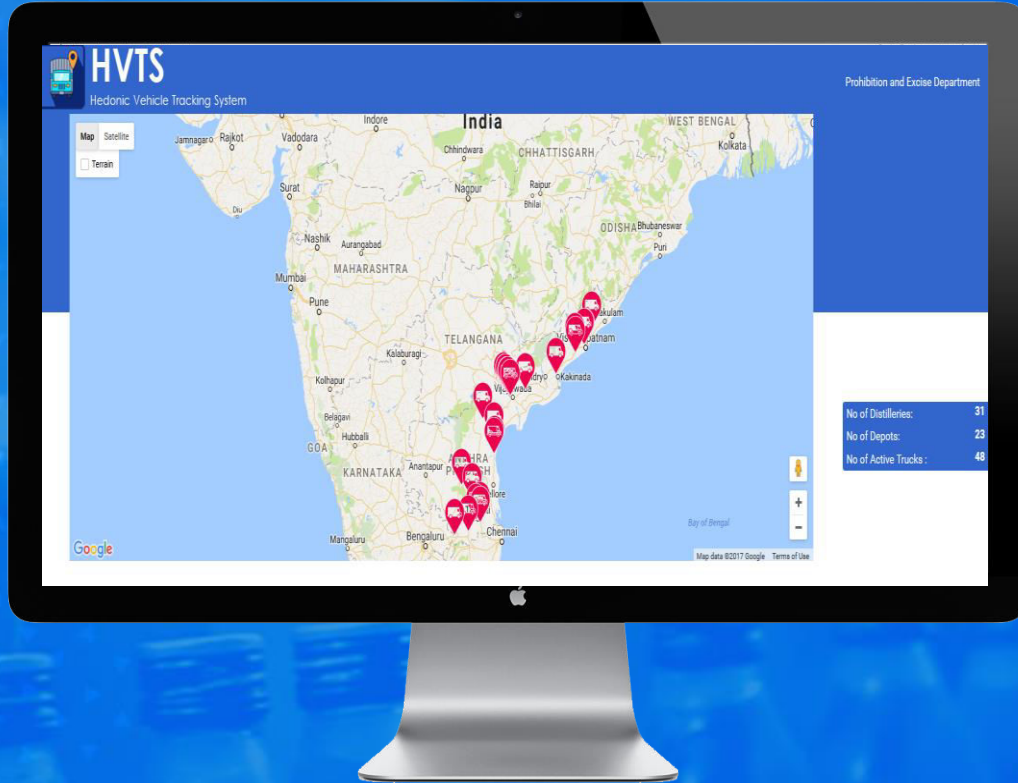


# Start / End Trip against Transport Permit



# Map Views

Current Position of all Vehicles

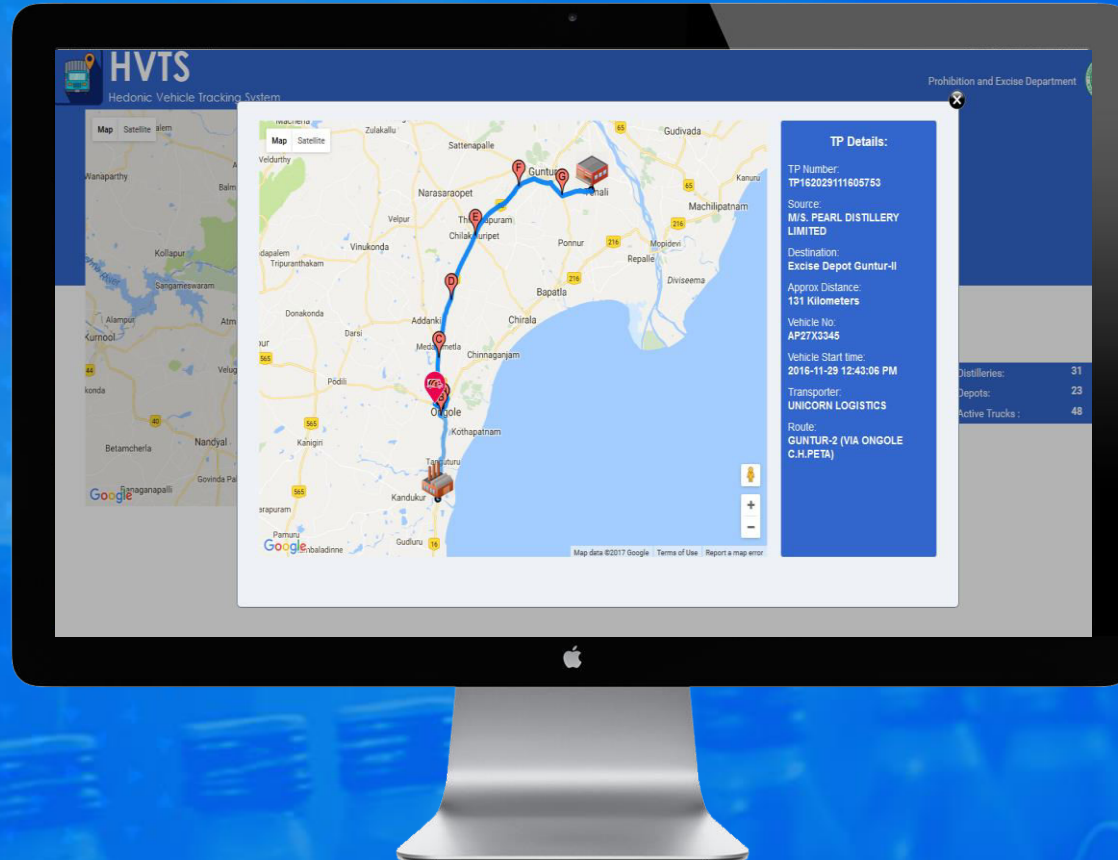


# TP Details





# Trip View



# Reports

Trip Detail Report				
Source Location	Radico Khaitan		Destination Location	East Godavari -III
Start Date	26-09-2016		Trip End Date	26-09-2016
TP No	TP00001			
Vehicle No	AP05HJ4587			
Time	Latitude	Longitude	Way Point Name	
12:24:05	14.4791	78.775225	Shamshabad	
01:24:05	13.663543	79.513678	Suryapeta	
02:24:05	17.635042	82.845526	Khammam	
03:24:05	16.75762	81.062668	Rajahmundry	
04:24:05	16.995672	82.022477	Amalapuram	
Total Time	4 Hrs			

**Thank you**

**HOTSPARE.ORG**