Cargo Tracks – Fleet Management

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Speaker Bio

- Digital Evangelist & Architect with focus on
  - Oracle PaaS Cloud
  - Enterprise Mobility
  - Analytics
  - Digital Transformation & Maturity Assessment
Agenda

- Challenges
- Business Objectives
- Facts & Figures
- Solution Overview
- Benefits
Supply Chain efficiency is a crucial business success parameter. Visibility, speed of delivery and proof of delivery embark the needs of dynamic market environment

- **Industry**: Travel & Logistics, Manufacturing
- **Customer**: Manufacturing Fortune 500
Facts & Figures

Dedicated, Hybrid, Market

Fleet Classification

- 16,000 Fleet Size
- 150,000 Ship To locations
- 250 Transporters
- 7000 Sub Transporters
- 150,000 SAP
- ERP
- 150 M Messages/Day
- 6+ Existing OEM vendors
- $880K CAPEX investment
BUSINESS PROBLEM
Challenges

**Device Governance**
- Hired Trucks
- Repair / Replacement

**Device Configuration**
- storage capabilities, Offline Mode.
- Standard Configuration / Data capture

**Trip Tracking**
- Route Deviations - Pilferage & Possible Theft of Goods, ETA.
- Delay in Accidents reporting

**Transporter Mapping**
- Fleet changes its bond/contract
- Fleet tracing capabilities

**E-Proof Of Delivery**
- Traditional way of Proof of Delivery leading to a delay of process & trip closures.
- Ship to Sold To confirmation – not automated
SOLUTIONING APPROACH
Business Users Workshop

- Device deployment and Governance Models
  - Plug & play
  - Fixed
  - Hybrid
- Device Model comparison
- Cost comparison
- Ground Level Challenges
Business Objectives

OPERATIONS EXCELLENCE

TRIP SAFETY & SCALABILITY

VENDOR SELECTION THROUGH ANALYTICAL INPUT

REAL TIME VISIBILITY & DRIVER RATING

CUSTOMER DELIGHT

ON TIME IN FULL & ACCURATE DEMAND FORECAST

INSIGHTFUL DATA FOR BUSINESS DECISIONS

FLEET UTILIZATION, IMPROVE MARKET SHARE
IoT based Solution Architecture
Solution Components – Addressing Business Objectives

- **Trip Safety & Driver Rating**
  - App Based Safety Tracking
  - Driving Behavior & Gamification

- **Quick Turn Around Time**
  - E-Proof of Delivery
  - Real Time SMS based solution

- **Real time visibility & Advance Intimation**
  - Accessibility
  - Mobility & Multi User Experience

- **Vendor Selection & Fleet Utilization**
  - Reports
  - Data Insights for Smart Decision
Solution Components & Features Leveraged

**Device**
- GPS Tracking
- Easy Plug n Play
- Voice Alerts
- Tilt Sensor
- Remote Configuration
- 24hrs Offline
- 4 days Battery

**Tracking**
- Live Tracking
- Find Near By
- Geo Fencing
- Driving Pattern

**Reports**
- Travel Reports
- Exception Reports
- Offline Device
- Safety Rating

**Portal**
- Dashboard
- User Based GUI
- Trip Playback
- Route Mapping
- Alerts
- PI Integrations

**Automation Digitalization**
- Analytics
- Helpdesk
- Mobility
- SMS/Email Notifications
Actual Pics of Solutions and Dashboard
Hardware Components
Actual Site Pics
Demo

LIVE DEMO
Benefits to Business & ROI

- Improved Market Share
- Safer Drives with Preventive Measures
- 40% Cost reduction – Capex Component
- More than 30% improvement in fleet utilization
- Optimized Cash Flow, real time proof of delivery
L&T Infotech's IoT based Service Deionization solution that connects scattered filters, customers, manufacturers and technicians to provide preventive water purification while optimizing inventory and lowering operational costs.

L&T Infotech’s IoT and RFID based solution measuring the cumulative time a cold storage item (refrigerated and/or frozen) is out of its native or base storage condition throughout the course of its life.

L&T Infotech’s IoT based Industrial Pump Optimization allows complete control of pumps installed at remote locations. The solution provides direct visibility of operating to perform predictive and prescriptive maintenance.

L&T Infotech's Heavy Asset Management solution that provides asset tracking and monitoring tools to enable the monitoring of utilization of assets, fuel consumption, proactive maintenance and survival probability. The solution reduces operating expenses to help improve business profitability.

L&T Infotech's IoT and RFID based solution measuring the cumulative time a cold storage item (refrigerated and/or frozen) is out of its native or base storage condition throughout the course of its life.

L&T Infotech’s Oracle Business Processes Cloud Service based ExOn is a transformational solution aimed at revitalizing employee on-boarding experience and enabling resource billability from day one.

Visual Cargo for fleet safety and shipment tracking with enriched customer experience. This solution replaces telematics devices installed in trucks with a mobile solution leveraging sensors.

L&T Infotech’s PaaS based Merchant Onboarding Solution driven by Oracle Process, Integration & Document Cloud Services’ is a structured, standardized and an automated process enabling lasting relationship with your Merchants.
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