



Changing Face of Logistics in India

From Ocean2Sky

Sibesh Sen & Aditya Gautama
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Logistics- Myth



Logistics- Reality



Ocean View



Inland Waterways



Railways



Road Transportation



Challenges in the Indian Road Logistics Industry

Truck Drivers

Unprecedented shortage of truck drivers



INR 18,000 – INR 23,000

Monthly income with no job security

20-25 days a Month

Spent away from home

7-10 nights a Month

Spent at a petrol pump or roadside

Health Issues

Aids, Accidents

Truck Owners

Inefficient truck operations, high churn ratio



50 - 55%

Average truck utilization

Marginal & inefficient operations

High level of intermediation leading to poor truck economics

Customers

Slow transit time, poor visibility & reliability



4 - 5 days

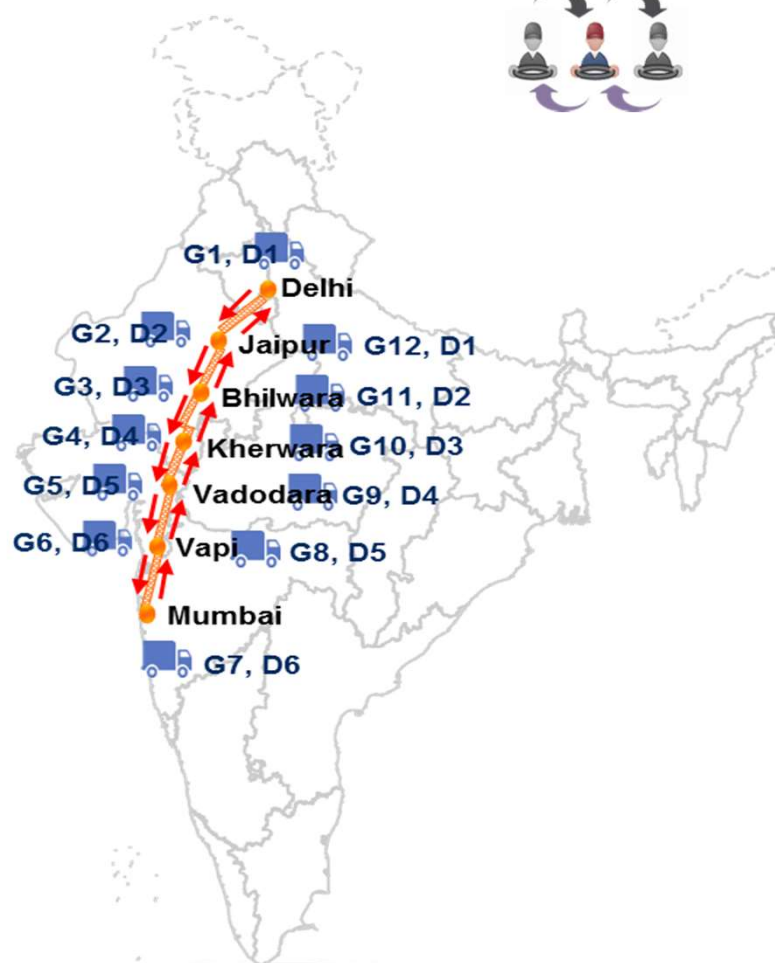
Average long-haul transit time

Low reliability

No visibility / transparency

Unprofessional services

Globally Unique Driver Relay Model



- Pit stops separated by 200-250 kms
- Driver to driver changeover happens at the pit stop
- Technology, IOT and data based systems
 - Robust routing/queuing logic
 - Measurement of KPIs
 - Performance management and improvement of truck operations and practices

1. Every driver returns home the same day and leads a better life with health and safety

2. Truck operating time increases substantially which leads to higher efficiency and lower costs. Vehicle runs 22-23 hrs a day as opposed to 8-10 hrs for an average operator.

3. Better service offering for customers with lower 50-70% transit time



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E-way Bill System

Leapfrogging India's Supply Chain

E-way Bill



- The e-way bill provisions in GST aim to remove the ills of the erstwhile way bill system prevailing under VAT in different states,
- This was a major contributor to the bottlenecks at the check posts. Moreover different states prescribed different e-way bill rules which made compliance difficult.
- The e-way bill provisions under GST will bring in a uniform e-way bill rule which will be applicable throughout the country.
- The physical interface will pave way for digital interface which will facilitate faster movement of goods.
- It is bound to improve the turnaround time of vehicles and help the logistics industry by increasing the average distances travelled, reducing the travel time as well as costs.

Information in E-Way Bill



PART A : Generated by shipper of goods or Transporter before movement of Goods

Field	Description
E-way bill number	E-WayBill Generate Key Word
Transaction Type	Inward/ Outward/ Transfer/ Barter/ Exchange
Recipient GSTIN	GSTIN of consignee
Delivery pin-code	Pin-code of consignee delivery address
Invoice Number	Invoice number of supplier of goods
Invoice date	Date of invoice of supplier of goods
Total value	Total value of goods carried
HSN Code	HSN code of commodity carried
Vehicle number	Vehicle number in which goods are being moved

PART B : Updated by transporter

- Vehicle - Vehicle Number in which the goods is being moved (First Vehicle)
- Change in Vehicle due to Breakdown/Transshipment

E - WAY BILL SYSTEM

GSTIN : 29DTCPS1987L1zs - Legal Name : SARAVANAN - User : Tax Payer

Print e-Way Bill / Slip

e-Way Bill



E-Way Bill No: 1810 1173 7333
E-Way Bill Date: 04/01/2018 04:27 PM
Generated By: 29DTC PS198 7L1zs - SARAVANAN
Valid From: 04/01/2018 04:27 PM
Valid To: 11/01/2018 04:27 PM

Part - A

GSTIN of Recipient: GSTIN : 27ABK PD740 6Q1Z7 Avinash Autolines
Place of Delivery: Solapur, MAHARASTRA-431001
Invoice /Challan No.: ets/1081/17-18
E-Way Bill Date: 04/01/2018 04:27 PM
Generated By: 29DTC PS198 7L1zs - SARAVANAN
Valid From: 04/01/2018 04:27 PM
Valid To: 11/01/2018 04:27 PM

Part - A

GSTIN of Recipient: GSTIN : 27ABK PD740 6Q1Z7 Avinash Autolines
Place of Delivery: Solapur, MAHARASTRA-431001
Invoice /Challan No.: ets/1081/17-18
Invoice /Challan Date: 04/01/2018
Value of Goods:
HSN Code: 8481,8481,8481,8409,8708
Reason for Transportation: Outward - Supply
Transport No. & Name:
Transport Doc. No. & Date:

Part - B

Mode	Vehicle No / Transport No	From	Entered Date	Entered By	CEWB No.
Road	KA01AA1856	bangalore	04/01/2018 04:27 PM	saravanan1975	0

Print

Detailed Print

Exit

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Ways to Generate E-Way Bill



Generation Method	Description	Limitations
Web portal	<ul style="list-style-type: none">• Login to NIC portal, register and generate e-way bill• Separate login for consignor and transporter	<ul style="list-style-type: none">• Login every time to generate each e-way bill• Manual operation prone to mistakes
SMS	<ul style="list-style-type: none">• Use SMS	<ul style="list-style-type: none">• Difficult to type all data required
Bulk Upload	<ul style="list-style-type: none">• Popular method used by many large shippers	<ul style="list-style-type: none">• Requires creation of JSON and then upload the same
API	<ul style="list-style-type: none">• Automated generation and update of e-way bill	<ul style="list-style-type: none">• Requires IT team support and registration with GSP• Charged for every call to NIC portal



- ➡ Now, E-way bill operations are compulsory for intra-state movement of goods for all states
- ➡ E-way bill operations are compulsory for inter-state movement of goods for all states



Latest Updates 17/07/2018

- **New Improvements in EWB**

Previous Updates

- compulsory for intra-state movement of goods for all states
- E-way bill operations are compulsory for inter-state movement of goods for all states

Important Links

- | | | |
|-------------------|---------------------------|-------------------------------|
| ▪ Website Policy | ▪ GST Common Portal | ▪ National Portal |
| ▪ Security Policy | ▪ Central Board of Excise | ▪ National Informatics Centre |

E-Way Bill- Game Changer for Marine Insurance



Shipment
Wise
Insurance

Accurate
Details of
Contents

Transit Risk
Profile

Transporter
Scorecard

Claims
Matching with
E-Way bill

AI and
Analytics

Thank You

