MOSTRANS
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DIGITAL TRANSFORMATION
for **CREATING**
a **COMPETITIVE ADVANTAGE**

ARNOLD RUDIANTO
PT MOSTRANS GLOBAL DIGILOG
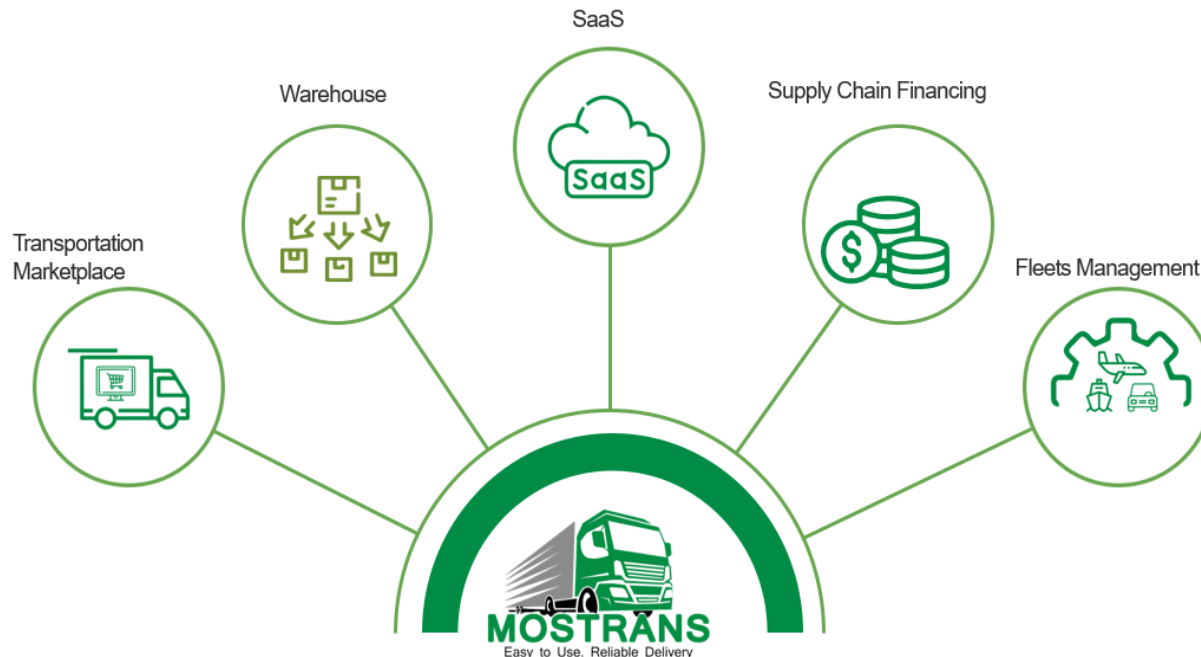**07 DESEMBER 2022**
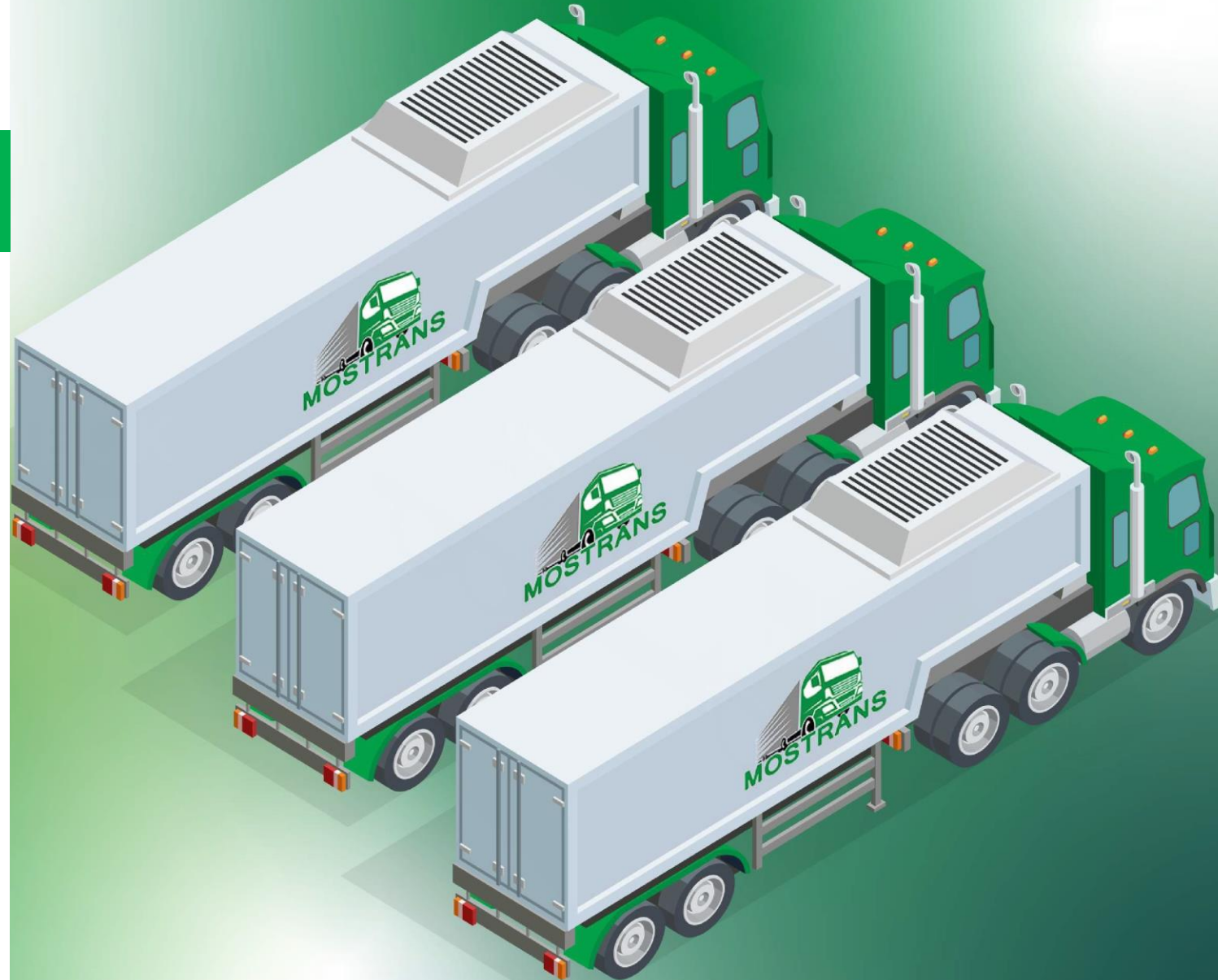
INTRODUCTION

About MOSTRANS

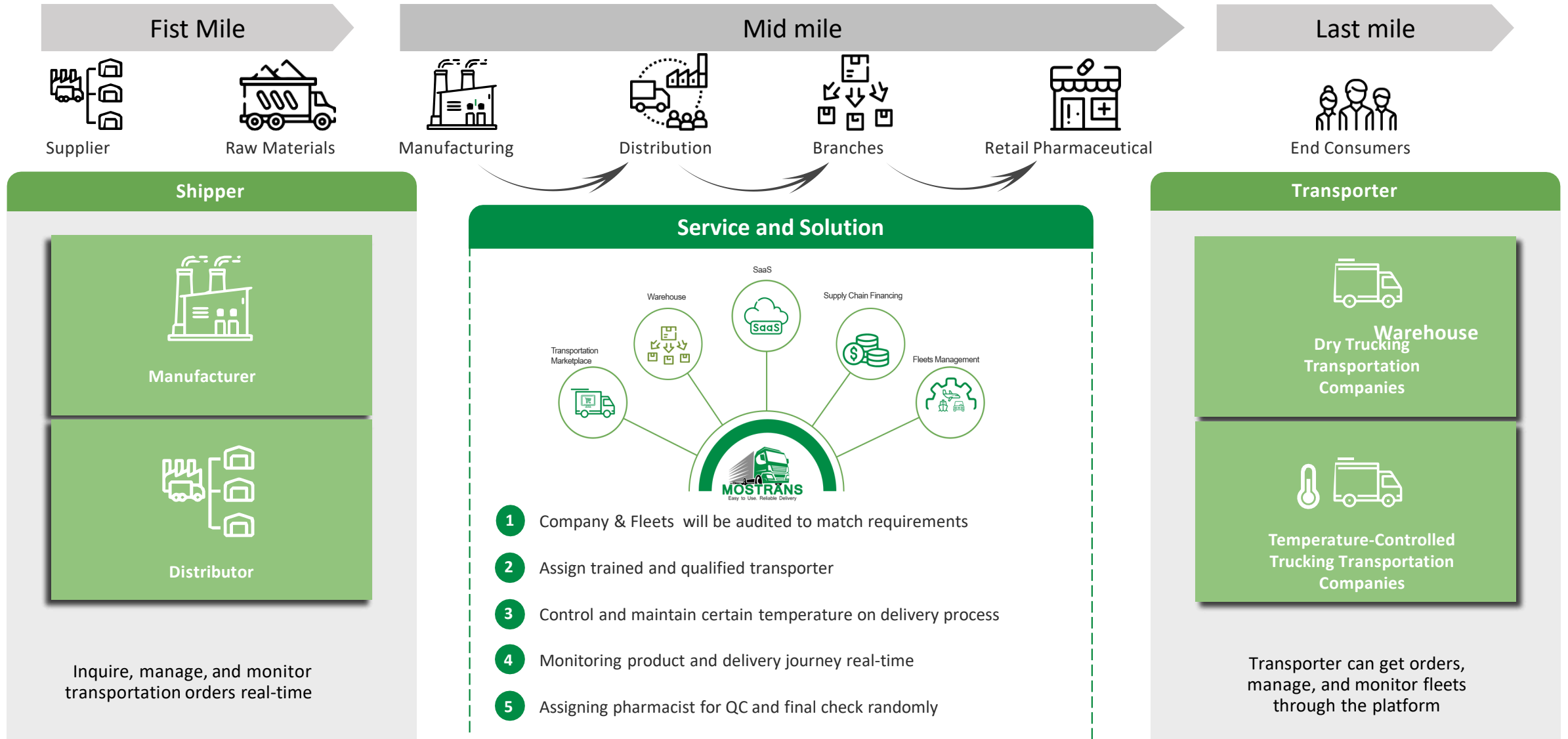We are a healthcare product transportation hybrid platform

MOSTRANS has been launched on **10.10.19**
as **the 1st B2B digital transportation platform**
in Indonesia to connect **the healthcare supply chain eco-system**

Our services

Transportation Marketplace

Warehouse

SaaS

Supply Chain Financing

Fleets Management

www.mostrans.co.id

END-TO-END TRANSPORTATION PROCESS

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Fist Mile	Mid mile	Last mile

Supplier · **Raw Materials** · **Manufacturing** · **Distribution** · **Branches** · **Retail Pharmaceutical** · **End Consumers**

Shipper

Manufacturer

Distributor

Inquire, manage, and monitor transportation orders real-time

Service and Solution

Transportation Marketplace · Warehouse · SaaS · Supply Chain Financing · Fleets Management

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1. Company & Fleets will be audited to match requirements

2. Assign trained and qualified transporter

3. Control and maintain certain temperature on delivery process

4. Monitoring product and delivery journey real-time

5. Assigning pharmacist for QC and final check randomly

Transporter

Warehouse
Dry Trucking Transportation Companies

Temperature-Controlled Trucking Transportation Companies

Transporter can get orders, manage, and monitor fleets through the platform

"In compliance to Indonesia Food and Drugs Administration (BPOM) regulation"

THE CURRENT TRANSPORTATION CHALLENGE

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Highlighted problems

1 Healthcare product transportation needs specific expertise to handle

2 Myriad stakeholders involved in the healthcare product transportation - but lacking visibility and synchronisation due to the complexity of the industry, resulting in, resulting in low performance of SLA level

3 Lack of transportation excellence and low fleets utilization

4 Lack of cashflow liquidity for business operation

5 Lack of fleet maintenance and sparepart management

Mostrans Solution

We have been working with the largest healthcare groups and filled with industry expert with years of experience

- We offer marketplace and SaaS platform for all stakeholders use, able to consolidate platforms and monitor real-time the overall process

- Acting as the platform aggregator, we allow synchronization and efficient utilization of fleets

We offer supply chain financing to help clients and partners to support cashflow operating cycle

We consolidate sparepart sourcing, keep track of maintenance records, and notify regularly

SOLUTIONS

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Transportation Marketplace

Real-time and on-demand of digital transportation platform to connect shippers and transporters for the full truck & consolidation system

SaaS

Integrated transportation management system to manage shipments activities in a real-time basis with comprehensive business intelligence

Supply Chain Financing

Business solution for optimizing financing and its process integration throughout supply chain

Fleets Management

Support fleets procurements and spare parts by providing competitive and well-rounded regular maintenance

Warehouse

Logistics solution to provide a reliable end-to-end warehouse system while keeping operating costs low with high-quality service

DIGITAL TRANSFORMATION
for CREATING a COMPETITIVE ADVANTAGE

THE LOGISTIC AND TRANSPORTATION COMPETITIVE ADVANTAGE

Logistics and transportation operations experienced rapid changes recently, which imposed significant challenges on the industry

Logistics and transportation in supply chains processes are complex and fragmented

1 Efficiency and optimization have always been crucial in logistics and transportation

2 Speed and timing as a competitive advantage in an increasingly real-time economy

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- Right product
- Right information
- Right time
- Right place
- Right quality
- Right quantity
- Right cost

DIGITAL TRANSFORMATION
Why?

Digital transformation is the process of integrating digital technology into all aspects of a business

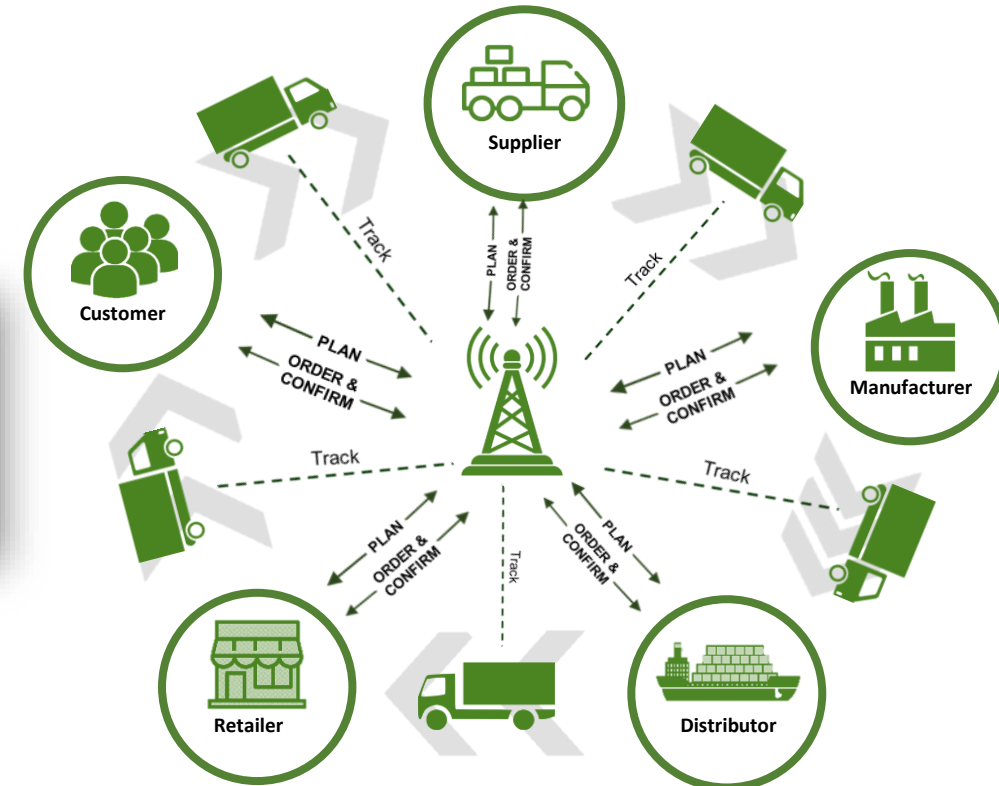**How digital technology transforms the process**

Connectivity

Visibility

Real-time information sharing

Value Creation from Digital Technology

- Responsive organizations
- Agile operations
- Data-Driven Business decisions
- Efficient and Effective processes

Digital technology allows the supply chain's ecosystem to be highly connected to optimize the entire network
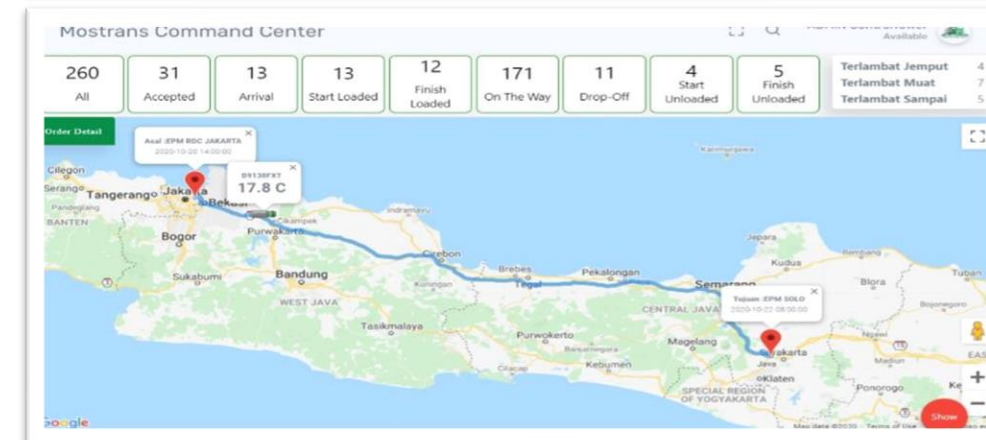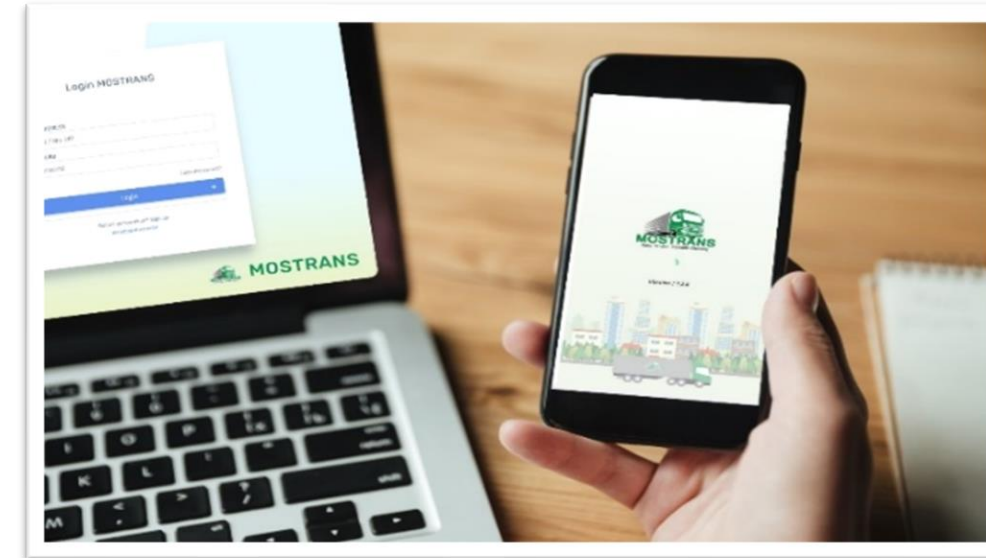
REAL-TIME INFORMATION SHARING

What is information sharing?

Information sharing refers to data exchange between different departments or organizations

The real-time information sharing produced by communication technology is critical in developing the integrated supply chain management

Advantages of information sharing

- Better coordination across parties in the ecosystem
- Better traceability of products
- Create higher safety and security of cargo
- Better planning and scheduling
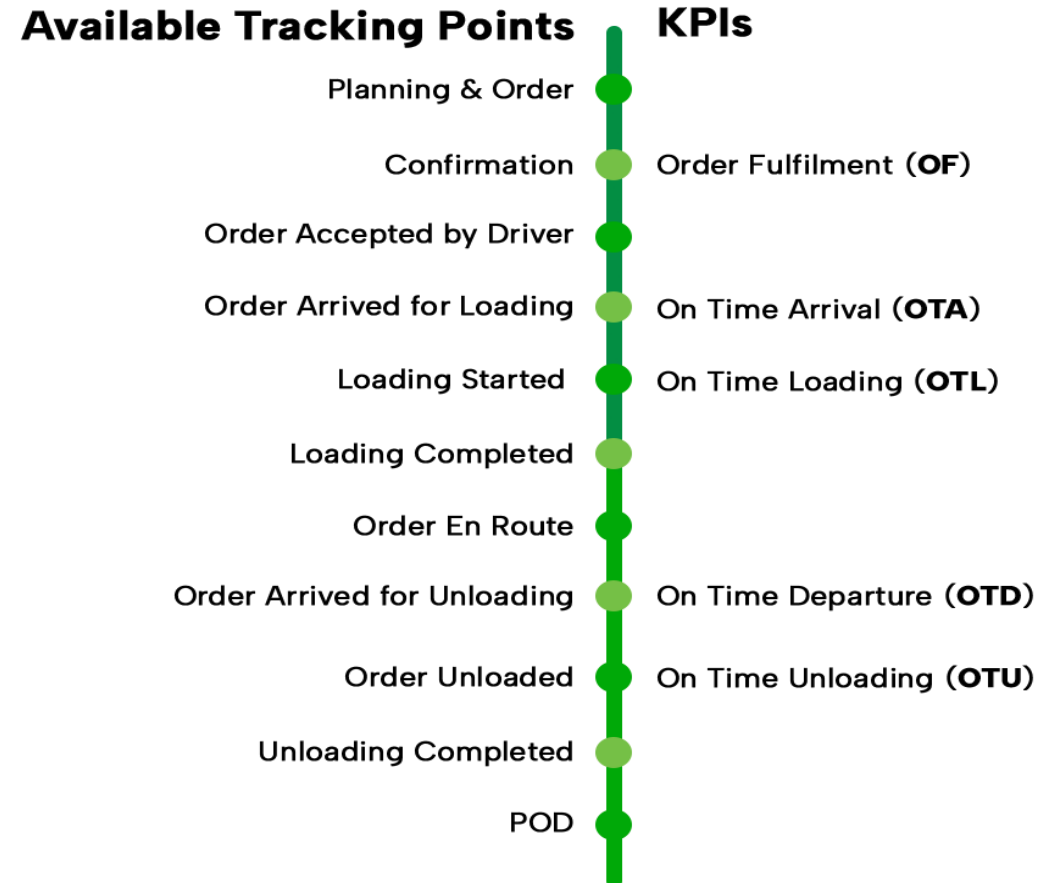- Enable effective decisions making

REAL-TIME INFORMATION SHARING

Tracking Shipment Information

With the rapid development of information and communication technologies, there is increasing use of **real-time tracking in transport practices in a single dashboard**

The data can be used as an **indicator** to improve efficiency as it provides accurate and timely information about the location and end-to-end shipment status

Available Tracking Points

- Planning & Order
- Confirmation
- Order Accepted by Driver
- Order Arrived for Loading
- Loading Started
- Loading Completed
- Order En Route
- Order Arrived for Unloading
- Order Unloaded
- Unloading Completed
- POD

KPIs

- Order Fulfilment (**OF**)
- On Time Arrival (**OTA**)
- On Time Loading (**OTL**)
- On Time Departure (**OTD**)
- On Time Unloading (**OTU**)

A detailed timestamp of the shipment's progress

VISIBILITY

Reasons Why Visibility is Critical

1 Provide the insight and details needed to operate quickly, accurately, and more effectively

2 Provide better flow data and information to fulfil shorter cycle times, fewer mistakes and late deliveries

3 Enhance decision making agility and reduce risk; deliver working capital efficiencies and illuminate cost reduction opportunities
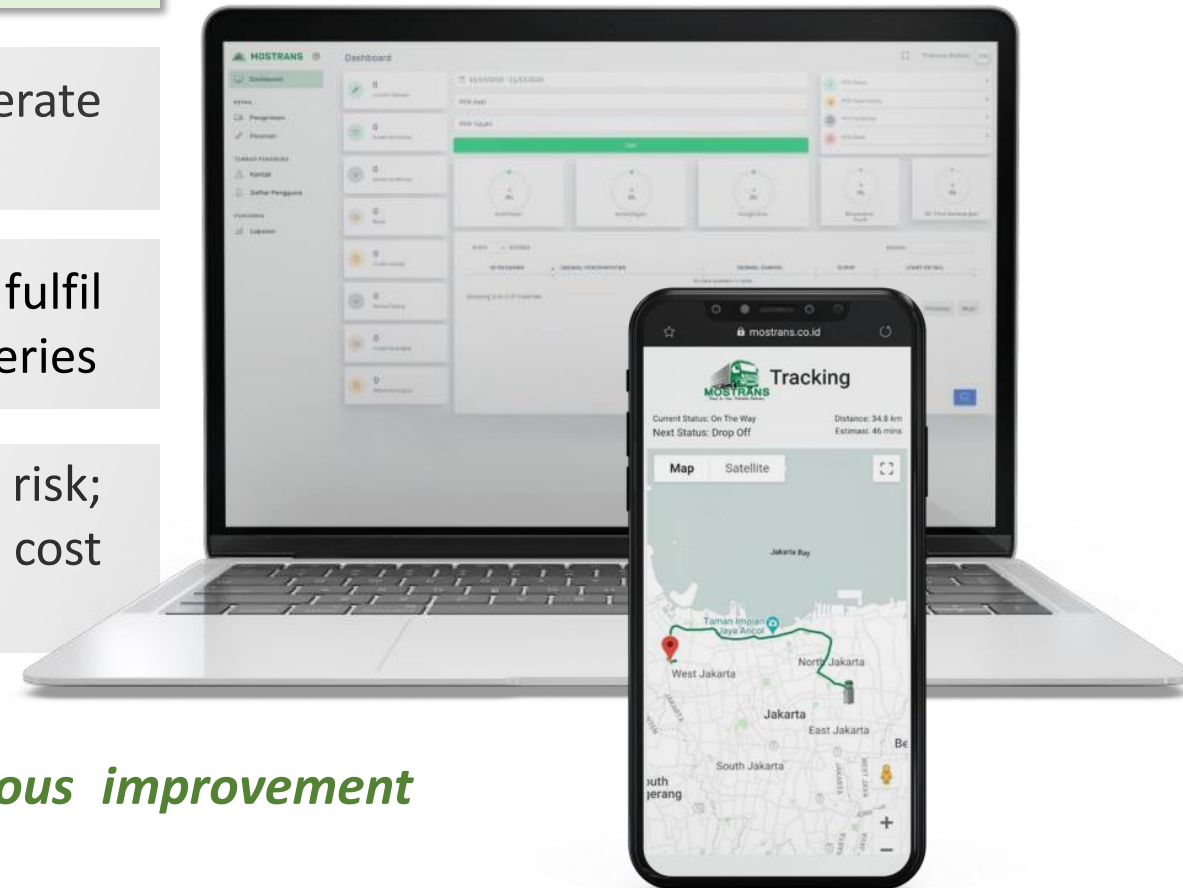
When it comes to visibility, there is room for continuous improvement

VISIBILITY FOR TRACKING and TRACING

The command centre provides visibility, which enables the organization to make informed decisions quickly and be responsive

1 Capture the real-time movement of the vehicles, which is connected to the GPS and mobile apps

2 Proactively monitors the operation to ensure the delivery reliability

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3 Provide directions and feedback to all involved parties regarding the shipment condition
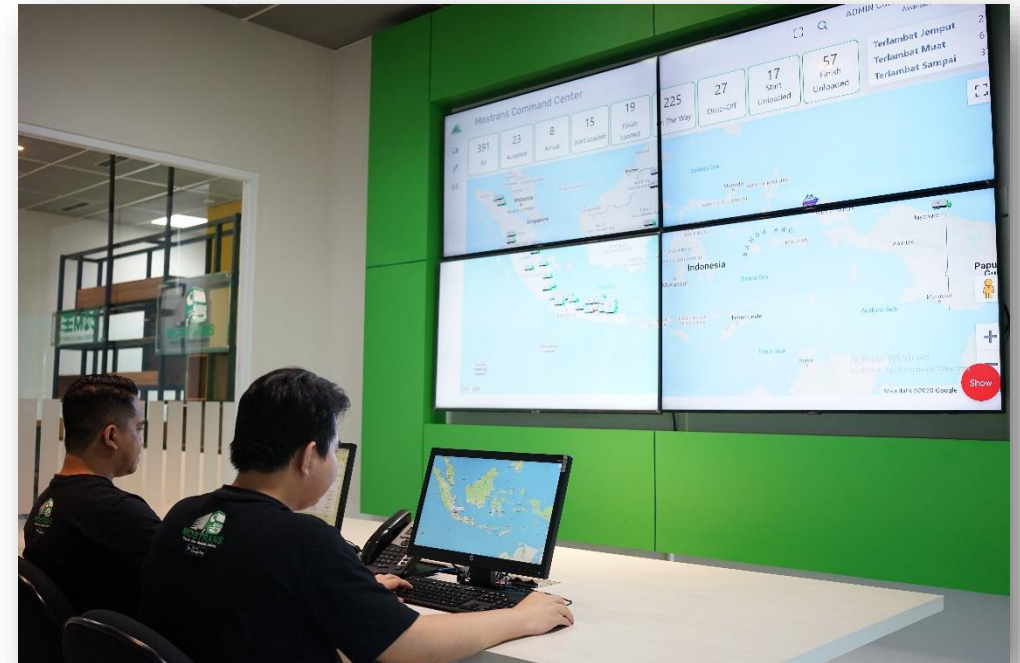
END-TO-END (E2E)VISIBILITY

In order to achieve end-to-end visibility, shippers and transporter are equipped with the interactive dashboard

End-to-end visibility powered by real-time information sharing in each step enables the stakeholders to gain a complete and up-to-date picture of their shipment journey

Command Center

Shipper Dashboard

Delivery Notification

Transporter Dashboard

DATA VISUALIZATION

Visualizing the data through an interactive dashboard has been applied to allow the organization to see and understand the data easily and transparently

The data analytics tools enable to:
- Provide relevant, real and accurate information for data-driven decision making
- Easily identify patterns based on historical data, outliers and problems
- Build future predictions
- Share insights for better business strategy
- Provide solutions for continuous improvement

CONCLUSION

1 Logistics and transportation operations experienced rapid changes recently, which imposed significant challenges on the industry

2 Digital transformation is a key strategy for the industry to stay competitive in the digital age

3 Implementing digital technology into the logistics processes promotes connectivity, visibility and real-time information sharing

4 Value creation from digital technology will improve overall efficiency, speed and time, which creates a higher competitive advantage

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Thank you