The Shifting Landscape of Global Supply Chain

Analog Era – Characterized by manual operations and paper-based processes, business activities were **labor-intensive** and time-consuming.
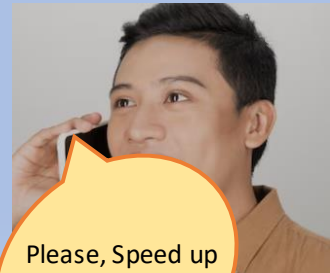
Analog Era

Digital Era –. This phase introduced the industry with desktop computing, smart phone communication and the **gradual automation** of industrial workflows.

OK, Sir

Digital Era

Please, Speed up Quote urgent, urgent. Thanks

Modern Technology Era – This is where **Mahyu** redefines logistics. The platform brings a **unified, intelligent solution** that streamlines from sales-operations-financials-administration and enabling real-time responsiveness to supply and demand across the entire supply chain.

Technology Era

SHIPMENNT REQUIREMENTS

Origin

Destination

Introduction

The traditional logistics industry, reliant on manual and offline processes, lacks the flexibility and scalability needed to succeed in today's fast-paced global economy.

In contrast, Mahyu offers a dynamic infrastructure and interconnected supply chain services, provides a well-balanced collaborative working environment that is efficient, highly productive, and cost-effective
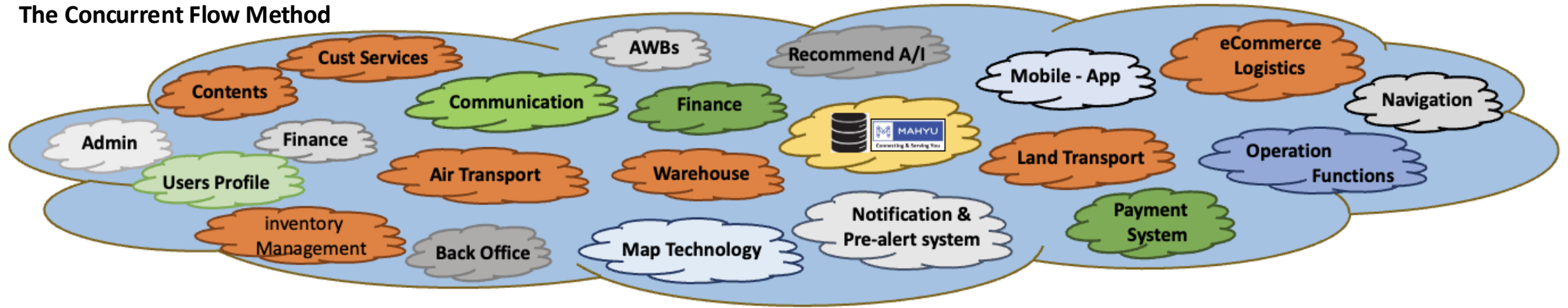
The Company

Mahyu is a technology-driven company dedicated to developing a digital logistics infrastructure with an open system architecture. The system makes it easier for SME users to plan expansion strategies, streamlined workflows and launch new services.

Using the platform's **ready-made templates**, partners and forwarders/transporters can easily customize their branding, adjust pricing, and fine-tune service details, all with just a few clicks. The system supports real-time operations for Domestic and International transport, eCommerce logistics, and Warehouse services.

Platform Technology vs Traditional Working Methods

The Concurrent Flow Method

Cust Services · Contents · Admin · Finance · Users Profile · Communication · Air Transport · inventory Management · Back Office · AWBs · Finance · Warehouse · Map Technology · Recommend A/I · MAHYU · Notification & Pre-alert system · Mobile - App · Land Transport · Payment System · eCommerce Logistics · Navigation · Operation Functions

Traditional Sequential Flow

Sales & Marketing → Planning & Scheduling → Review Operation → Operation → Accounting → Billing

Partner Centric Collaboration

Connecting Asia Cities

- AWBs
- Recommend A/I
- Mobile - App
- eCommerce Logistics
- Cust Services
- Contents
- Communication
- Finance
- Navigation
- Admin
- Finance
- MAHYU - Connecting & Serving You
- Land Transport
- Operation Functions
- Users Profile
- Air Transport
- Warehouse
- Back Office
- Map Technology
- Notification & Pre-alert system
- Payment System

Connecting Europe, Middle-East and America Cities

Country - Partner

Country - Partner

Forwarder

Shipper

Shipper

Forwarder

Integrated Vehicle – Driver – Routes – Scheduling System

The system offers interactive templates that efficiently manage and coordinate all phases of operations and administration. It directly integrates with field operations, distributing task information via a mobile application.

Domestic Transport with Consolidate and Charter Features Integrated with Warehouse Services
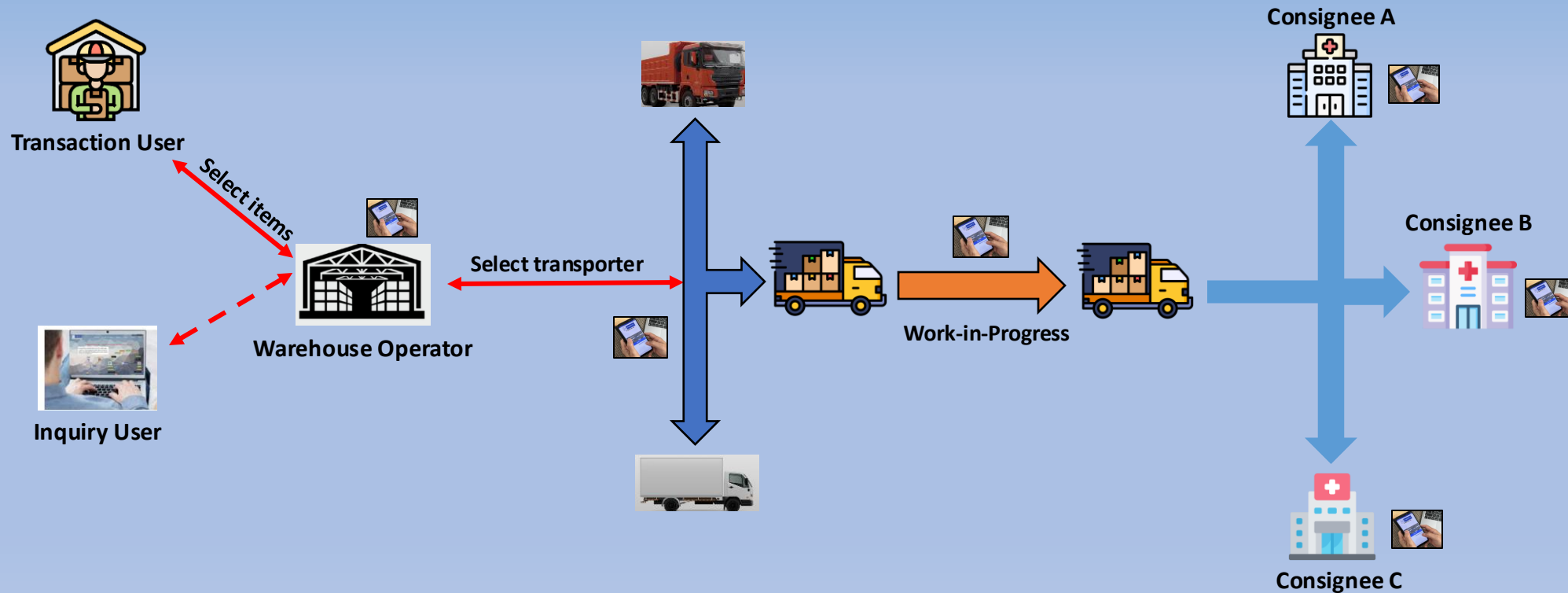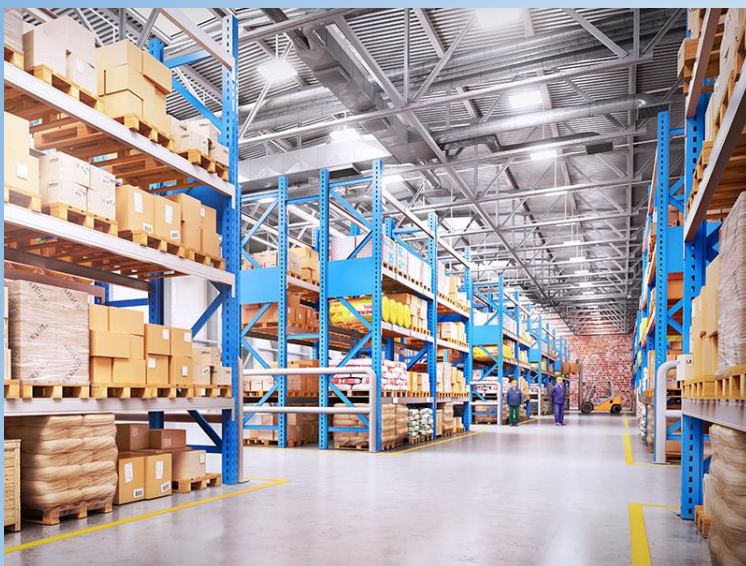
Transaction User

Inquiry User

Warehouse Operator

Select items

Select transporter

Work-in-Progress

Consignee A

Consignee B

Consignee C

Warehouse with
# Inventory Management System

View Warehouse Data

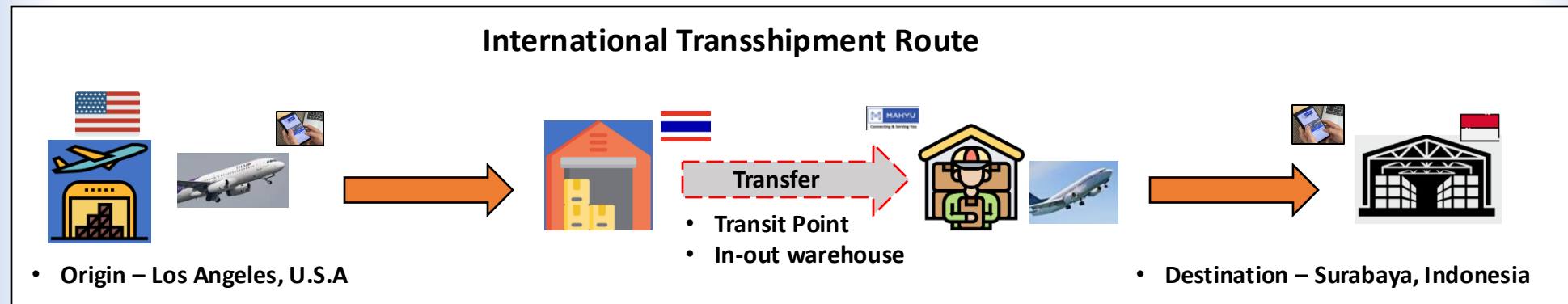**Warehouse Code**   Trans-WH1
Warehouse Name   Trans Warehouse LA

Address	Warehouse Information	Legals	PIC	Operation	Gallery

Country	:	United States
ZIP Code	:	90014
Province	:	California
City	:	Los Angeles
Subdistrict	:	Los Angeles
Address	:	416 W 8th St, Los Angeles, CA 90014, United States+1 213-612-0021
Locate	:	115, East 8th Street, Jewelry District, Downtown, Los Angeles, Los Angeles County, California, 90014, United States [View]

Each listed warehouse includes a built-in inventory management system that tracks item inflow and outflow in real time. It connects directly to purchasing and production agents, enabling detailed summary reports for improved cost visibility and asset management.

Mahyu's warehouse services, designed for both domestic and international logistics, streamline storage and inter-warehouse transfers, accelerating product distribution across the supply chain.

Enabling Connectivity through International Dynamic "Direct and Transshipment" Routes

International Direct Shipment Route

- Origin – U.S.A
- Destination – Thailand
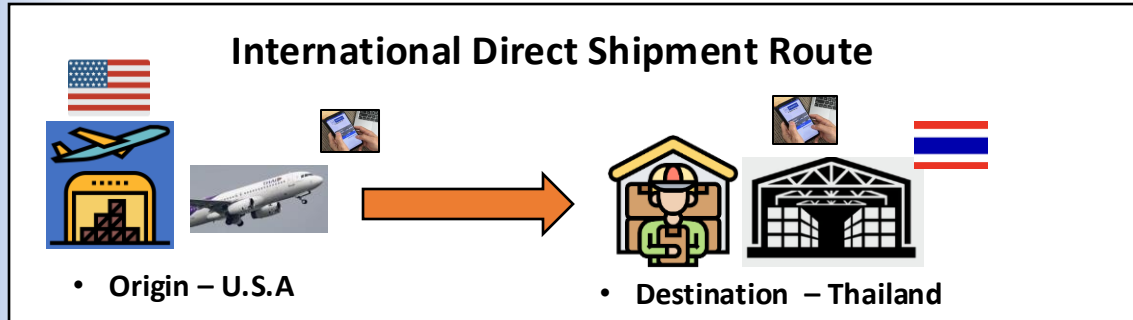
Direct Route – Utilizes a single airline's existing network, allowing broader user access to book flights across supported countries with ease.

International Transshipment Route

- Origin – Los Angeles, U.S.A

Transfer

- Transit Point
- In-out warehouse

- Destination – Surabaya, Indonesia

Transshipment Route – Involves a **second airline** to bridge two unconnected cities under one interconnected flight number, effectively extending service coverage.

Shippers, both businesses and individuals, can seamlessly **review and select** their preferred logistics partner in real-time.

Users enables to select available transporter/forwarder, both domestic and international.

All charges are transparently itemized, enabling shippers to instantly evaluate and choose the best option, enhancing transparency and removing traditional bottlenecks in the logistics process.

Order Summary with Payment Options

TEST SHIPPER INDO

Rp 194,003,081.76 / 475,000,000.00

Order Summary

Airfreight Charges Summary

Shipper	:	Main Address		
Transporter	:	TEST ACCOUNT-"DON'T SELECT ME", INDO		
Airline Company	:	Thai Airways	Port of Departure :	Tangerang
Plane Type	:	BOEING 737	ETD :	2024-02-19 08:59:00
Flight No.	:	TG434	Port of Arrival :	Ban Kha District
Total Charge	:	IDR 11,690,000	ETA :	2024-02-19 13:40:00

1) Airline Charges

Address :	from Jln pantai sanur 6 no 62, jakarta utara, Indonesia 14430 to Suvanabumi Airport	
- Airfreight Charges		IDR 9,000,000
- Custom Handling Fees		IDR 1,000,000
- Document-Clearance Fees		IDR 400,000
- Total Fee by Weight		IDR 1,200,000
- Total Fee by Distance		IDR 90,000
* 1 IDR = 1 IDR	Subtotal	IDR 11,690,000
Rate on : 2024-02-09	PRICE IN LOCAL CURRENCY	IDR 11,690,000

2) Item Details

No.	No. of Pieces	Gross Weight		HS Code	Description	Chargeable Weight		Rate / Charge	Total	Dimension
1	10	100	KG	620211	Clothing samples	100.00	KG	15,000 IDR/KG	IDR 1,500,000	20 Cm X 20 Cm X 20 Cm X 10
2	20	500	KG	500100	Cottion raw	500.00	KG	15,000 IDR/KG	IDR 7,500,000	50 Cm X 50 Cm X 50 Cm X 20

Transportation Charges Summary

Shipper	:	Main Address		
Consignee	:	capehouse		
Transporter	:	Thailand Transporter	Pick Up :	Bangkok Suvanabumi Airport
Transporter address	:	Thung Khru Subdistrict, Thung Khru District, Bangkok, 10140, Thailand	ETD :	Wednesday, 21 February, 2024
Tranporter phone	:	+66451216632	Deliver to :	43 Soi Langsuan, Pathumwan, Bangkok 10330
Total Charge	:	IDR 5,446,579.63	ETA :	Wednesday, 21 February, 2024

1) Transportation / Delivery Charges

| Address :	FROM Suvanabumi Airport TO 43 Soi Langsuan, Pathumwan, Bangkok 10330	
- Custom Clearance and Delivery Charges		THB 12,000
- Custom Clearances		THB 400
* 1 THB = 439.24029274 IDR	Subtotal	THB 12,400
Rate on : 2023-11-24	PRICE IN LOCAL CURRENCY	IDR 5,446,579.63

Real-time exchange rate

2) Item Details

No.	No. of Pieces	Gross Weight		HS Code	Description	Chargeable Weight		Rate / Charge	Total	Dimension
1	10	100	KG	620211	Clothing samples	100.00	KG	20 THB/KG	THB 2,000	20 Cm X 20 Cm X 20 Cm X 10
2	20	500	KG	500100	Cottion raw	500.00	KG	20 THB/KG	THB 10,000	50 Cm X 50 Cm X 50 Cm X 20

Total Payment Summary

Total Payment	:	IDR 17,136,579.63
Total Payment in Other Currency	:	THB 39,014.13

Previous   Finish

The order summary clearly itemizes all charges at both origin and destination, allowing shippers to review every transaction detail upfront.
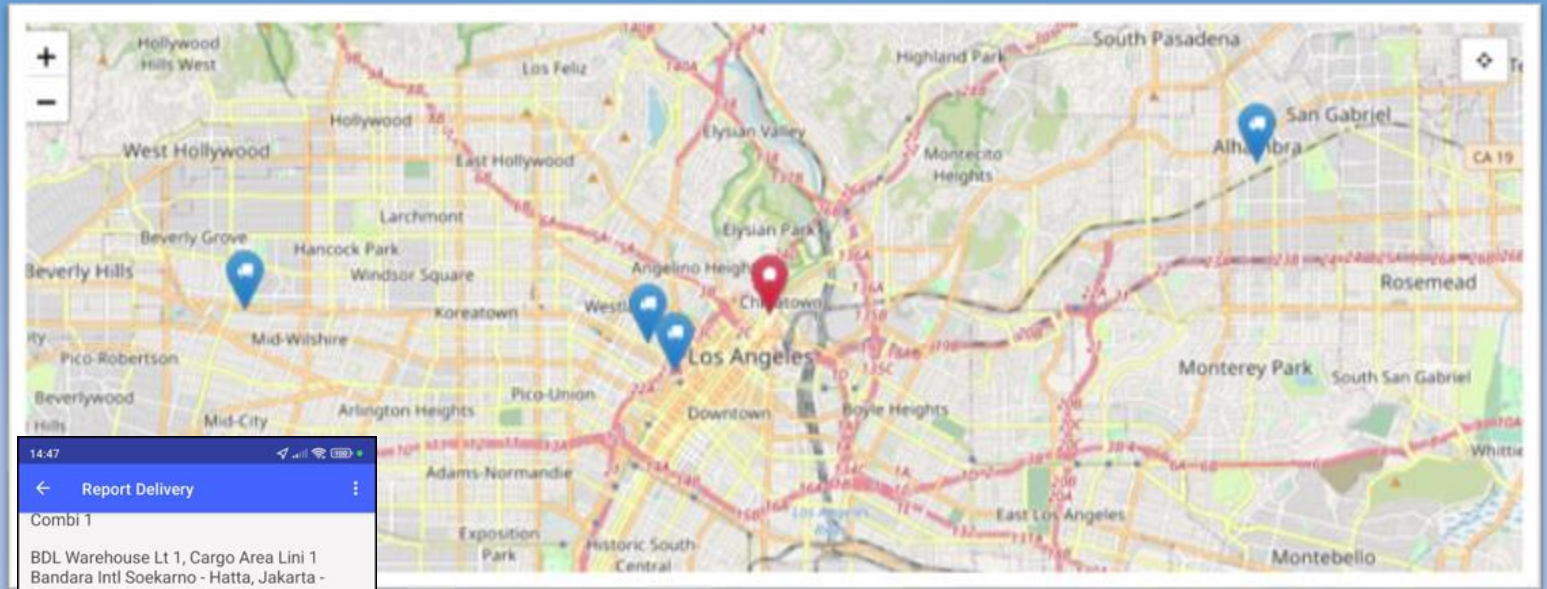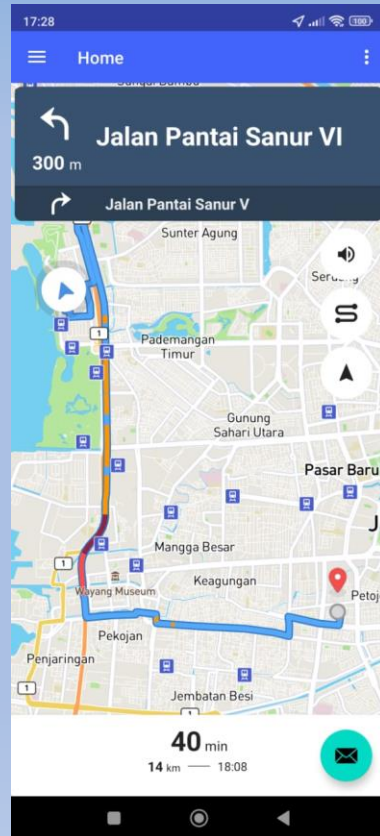
Mahyu's mobile app leverages global mapping technology to optimize land transport routing, streamline operational tasks, and deliver work receipt updates to all users in real time.

eCommerce logistics

The system automatically links each item's with HS code to calculate duty and tax rates at the destination country.

Select Vendor at Origin

Show 10 entries   Search: [   ]

Transporter Company	Airline Name	Flight No	Currency	Rate	Total Cost	Select..
Double-win(2017) Co.,Ltd.	Thai Lion Air	SL116	THB	52.00	1,404.00	Select..
Rochests	Thai Lion Air	SL116	THB	60.00	1,620.00	Select..
TEST-Transporter-Dont Select me	Thai Lion Air	SL118	THB	75.00	2,025.00	Select..

Select forwarder at origin
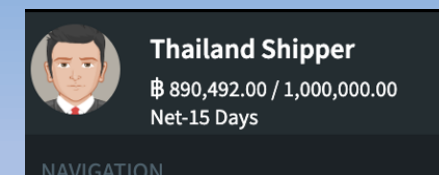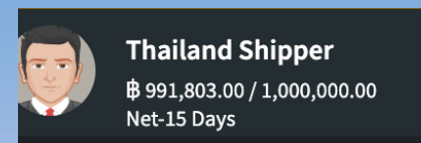
Select Vendor at Destination

Show 10 entries   Search: [   ]

Transporter Company	Currency	Total Tarif	Total Custom Clearance	Total Duty Fee	Total Vat Fee	Total Misc Fee	Total Delivery Fee	Select..
JKT Transporter	IDR	432,000.00	2,025,000.00	4,145,440.00	1,688,883.00	299,250.00	8,590,573.00	Select..
Combi Logistics	IDR	475,200.00	1,080,000.00	4,145,440.00	1,688,883.00	299,250.00	7,688,773.00	Select..

Select forwarder at destination
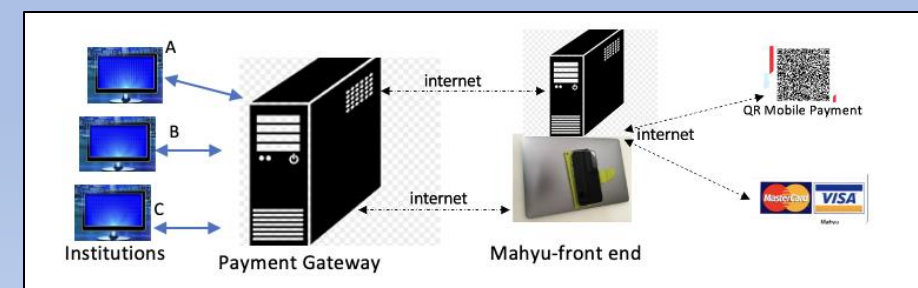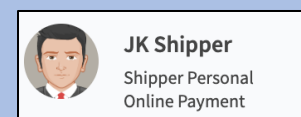
Integration with Online Payment Options

Business User:

✔ User can access the e-Wallet credit facility, a secure and flexible payment option with top-up balance support
✔ Eligible user with a good referral business will be able to use a credit line facility
✔ Allows businesses to manage cash flow and defer payments.
✔ Automatic deduction with secure payment transaction.

Thailand Shipper
฿ 991,803.00 / 1,000,000.00
Net-15 Days

Thailand Shipper
฿ 890,492.00 / 1,000,000.00
Net-15 Days
NAVIGATION

JK Shipper
Shipper Personal
Online Payment

Consumer User & Non-Qualified Business User:

✔ Required to use Online or e-Wallet Payment method
✔ Payments accepted via Credit Card, QR Code, or Automatic e-Wallet Deduction

History Records

The system maintains each user digital transaction correspondent to work order number as main identifier.

Users have full control over their data, eliminating paper-document record keeping. Information is securely stored and cannot be altered by any party.

The system provides the following key functionalities:

- **Real-Time Digital Booking & Space Allocation** - Eliminates manual searches and negotiations by transparently displaying available online transporters, enabling instant booking and seamless cargo space allocation.
- **Automated Pricing & Dynamic Rate Management** – Implementing dynamic templates, simplify inputting and editing pricing models, optimize integration and minimize mistakes.
- **Predictive Analytics & Demand Forecasting** – Utilizing data-driven insights to anticipate shipment demand, optimize routing, and reduce empty cargo space.
- **Integrated History Summary Records:** Transaction records are stored online, providing easy access and cross-referencing for past shipment and financial history.
- **Collaborative Digital Ecosystem** – Enabling GSAs, freight forwarders, airlines, and shippers to operate within a unified platform, increasing efficiency and minimizing delay.
- **End-to-End Visibility & Tracking** – Providing real-time tracking of shipments across the entire logistics chain, increasing trust by utilizing smart mobility.

- **Automated Customs Clearance & Compliance** – Integrating HS Code matching, tax calculations, and digital documentation for seamless cross-border transactions.
- **Direct and Transshipment Flight Routes** – Seamlessly connects two different airlines to create one continuous, direct flight route for efficient supply chain movement.
- **Inventory Management –** Facilitating warehouse providers collaborate with other logistics company, forming a unified infrastructure that supports both domestic and international supply chain networks.
- **Financial & Payment Automation** – Implementing a standardized financial process for automated invoicing, credit line management, e-Wallet and instant payment solutions.
- **E-commerce Logistics Integration** – Linking logistics infrastructure with e-commerce platforms to facilitate efficient fulfillment and last-mile delivery solutions.
- **Back-office Administration** – Streamlines invoice summaries, customs clearance updates, synchronize work-in-progress data, and provides real-time proof of work-in-progress receipts for all users.

Mahyu delivers real-time logistics:
   domestic transport, international air freight, eCommerce, and warehouse services,
   designed for the evolving global supply chain.
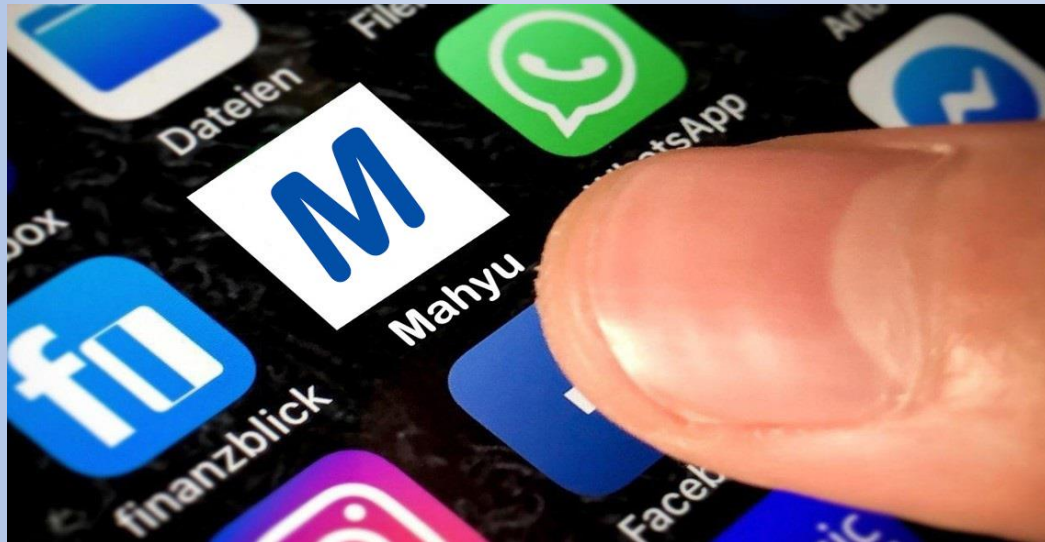
This business summary outlines the processes and features of Mahyu's infrastructure-platform, highlighting its capabilities and benefits for domestic land transport, international air transport, warehouse management, and eCommerce logistics. As the platform continues to evolve through ongoing enhancements in algorithm design, structure, and process optimization, certain features may be updated over time. Additionally, some proprietary information remains undisclosed due to intellectual property and copyright protections held by Mahyu LLC. For further information, please contact us at: info@mahyu.com

Thank You