Digital Logistics Network
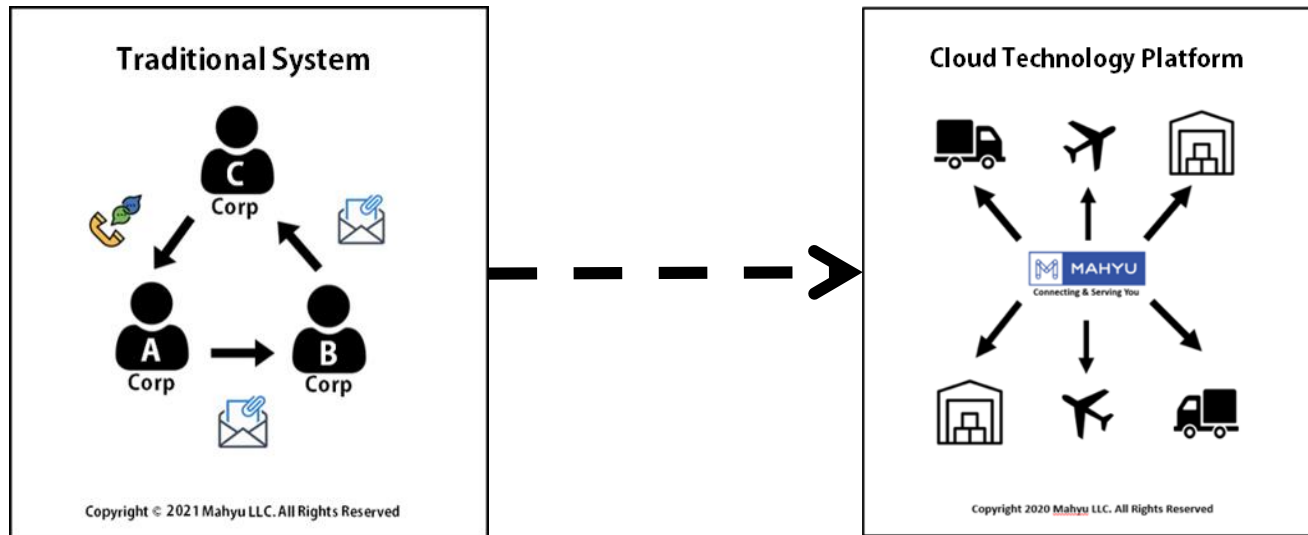
Summary Presentation

How technology plays a role in logistics industry

By: Mahyu LLC
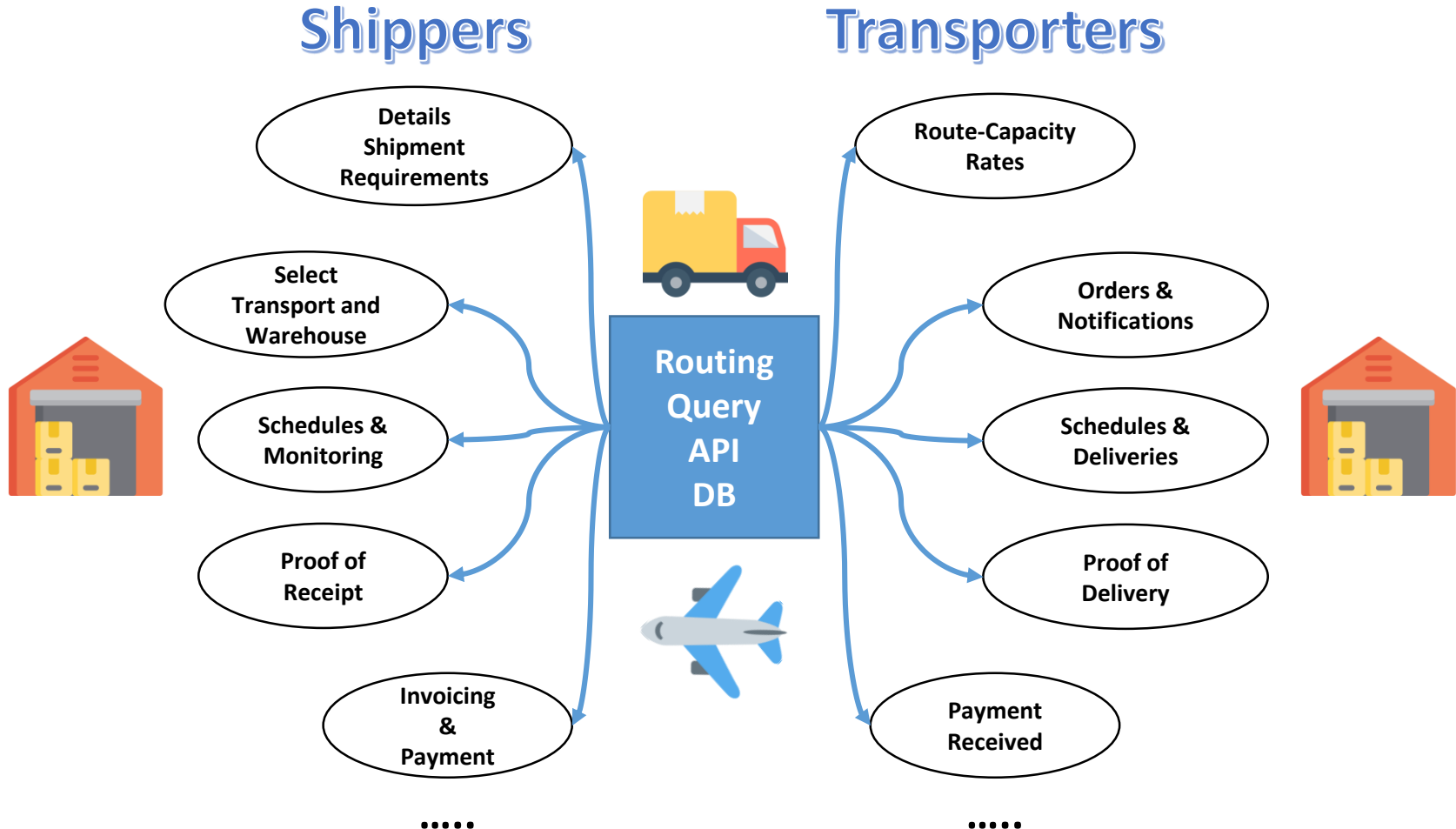
Cloud Technology in Logistics

Traditional System

Cloud Technology Platform

Copyright © 2021 Mahyu LLC. All Rights Reserved
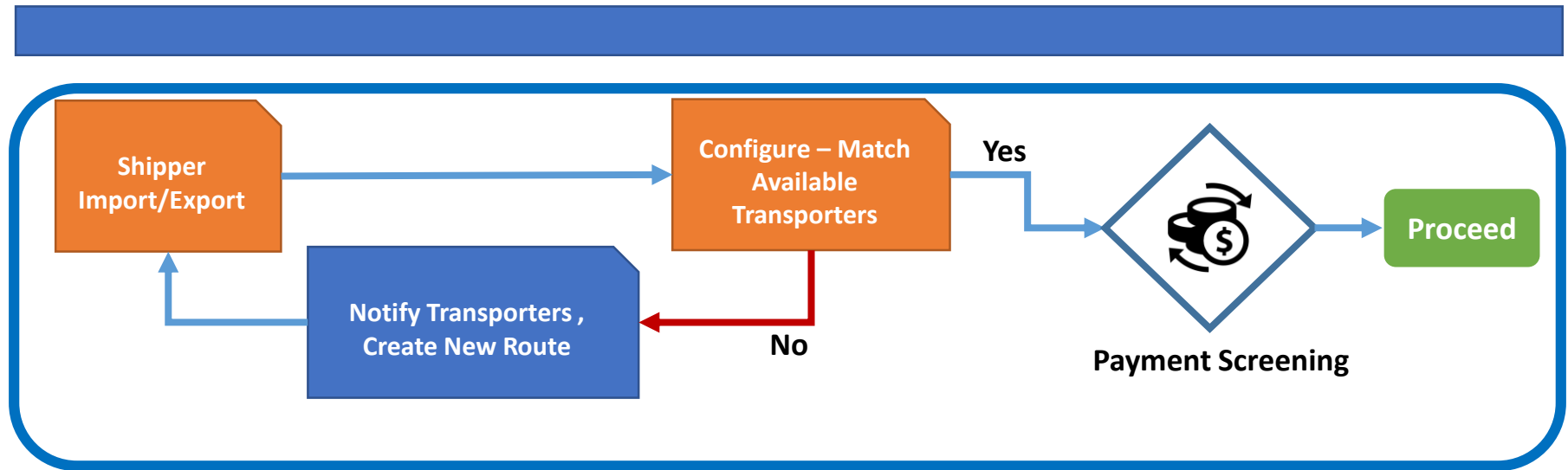
Copyright 2020 Mahyu LLC. All Rights Reserved

An improvement over the Traditional Model

❑Logistics industry has been operating based on the traditional method: going one step at a time for each process.

❑ With Cloud Technology, transporters and shippers are able to conduct business transactions faster with less boundaries.

❑Technology platform allows different sources to interact and conduct business simultaneously.

➢ Each network area easier to follow and adapt to each country's requirements.

➢ Offering an Integrated: Domestic and International of Air-Land and Warehouse Services.

➢ Algorithm based system to match Shipper requirements and Transporter capabilities.

➢ A new business model for : Business to Business and Business to Consumer (B2B & B2C).

Real time Interactions

Shippers

Details Shipment Requirements

Select Transport and Warehouse

Schedules & Monitoring

Proof of Receipt

Invoicing & Payment

.....

Routing Query API DB

Transporters

Route-Capacity Rates

Orders & Notifications

Schedules & Deliveries

Proof of Delivery
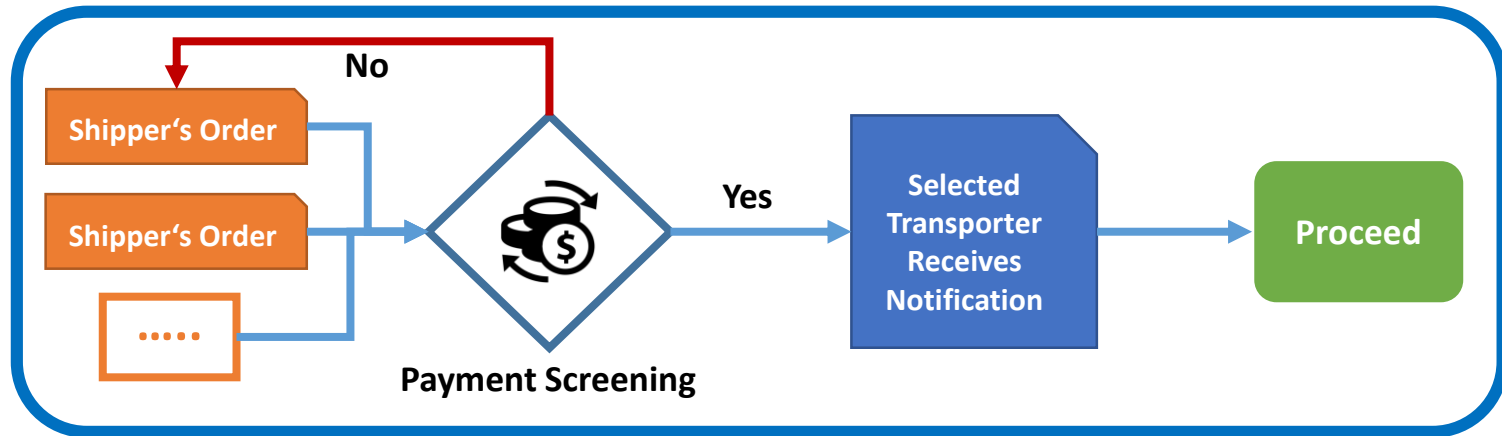
Payment Received

.....

Benefit to Transporter (Land and Air services)

The most precious resource is a partner with the same interests

- ❑ Expand services with one network of Domestic and International partners.
- ❑ Detailed screening process of legality and qualification of services to improve business transparency.
- ❑ Collaboration in Sales-Marketing, cross sharing information for better business opportunities.
- ❑ Auto marketing notification of available return trip capacities.
- ❑ Speeding up for SME (Small & Medium Enterprise) to participate in Digital Global Economy.
- ❑ Standardized Digital Financial, Administration, Operational and Customer Services results in faster business decision making and collect payment quickly.
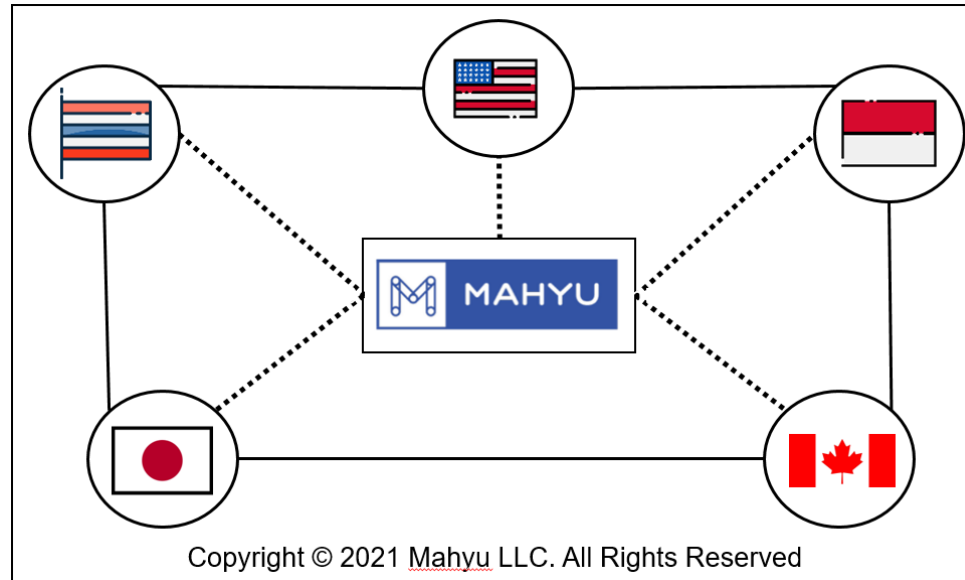
Benefit to Shipper

Technology is an important aspect of our daily life

- ❑ Easy to find Transporters that are located around you, 24 hours -7 days a week.
- ❑ Review of each transporter's criteria: Prices, Schedules, and Qualifications before final selection.
- ❑ Real time notification of HS code restrictions to better inform Import-Export shippers of potential problems.
- ❑ Opportunity for Shippers in isolated areas to participate in the Digital Economy.
- ❑ Ease in monitoring Progress from: Pick up at origin to Delivery at destination.
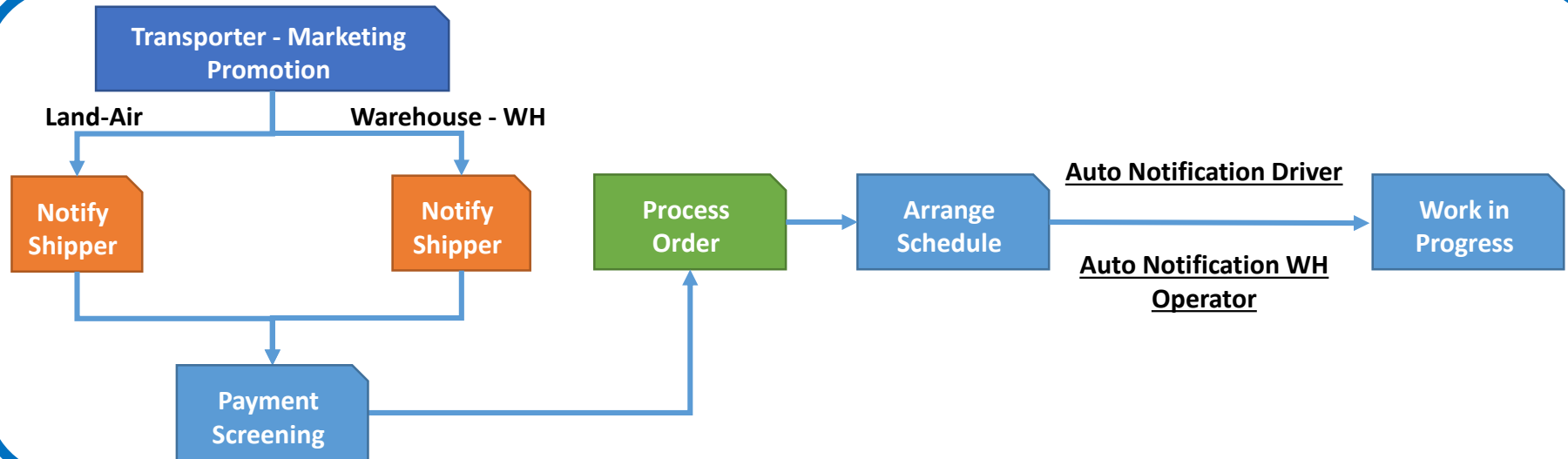- ❑ Security Identification procedures to prevent mistaken identity.

Benefit to Transporter (Warehouse Services)

Copyright © 2021 Mahyu LLC. All Rights Reserved

One of important service in Supply Chain Network

- ❑ Open up opportunity to market Warehouse Services (General, Cold and Dust Free storage) to Global Ecommerce Shippers.
- ❑ Online management system to monitor product schedules from start to finish date.
- ❑ Reduce bottleneck by Integrated information distribution of Transport and Warehouse services.
- ❑ Replace repetitive warehouse tasks to minimize mistakes and to save cost.
- ❑ Auto configuration and marketing notification once space capacity is available.

Efficiency in Operation

```
┌─────────────────────────┐
│  Transporter - Marketing │
│         Promotion        │
└─────────────────────────┘
   Land-Air      Warehouse - WH

┌──────────┐    ┌──────────┐    ┌──────────┐    ┌──────────┐    Auto Notification Driver    ┌──────────┐
│  Notify  │    │  Notify  │    │ Process  │───▶│ Arrange  │────────────────────────────▶│ Work in  │
│ Shipper  │    │ Shipper  │    │  Order   │    │ Schedule │                              │ Progress │
└──────────┘    └──────────┘    └──────────┘    └──────────┘    Auto Notification WH       └──────────┘
                                                                      Operator

           ┌──────────┐
           │ Payment  │
           │ Screening│
           └──────────┘
```
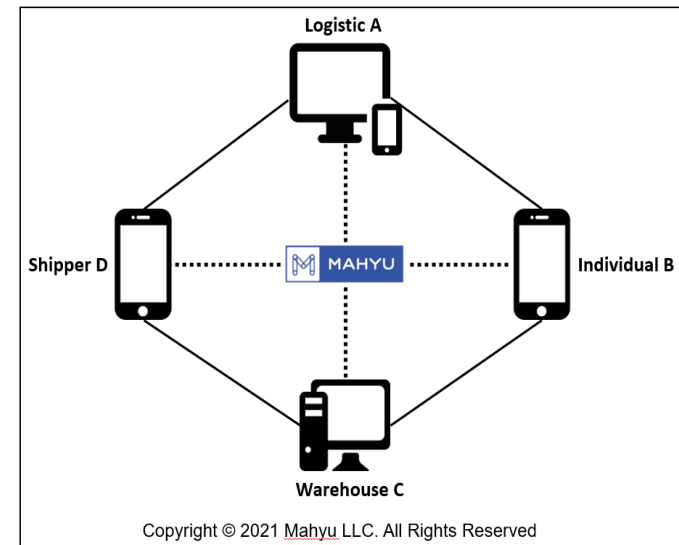
An algorithm system based on human learning experiences

- ❑ Auto notification to each user involved in multiple operating system devices.
- ❑ Real time information distribution of Sales-Operation-Finance-Administration to multiple channels and span of continents.
- ❑ Auto configuration of marketing and sales, to minimize third party commission fee.
- ❑ Information on Customs Clearance simultaneously distributed to Operation and Administration operators over different time zones.
- ❑ Automatically process incoming orders with verification, notification and confirmation.
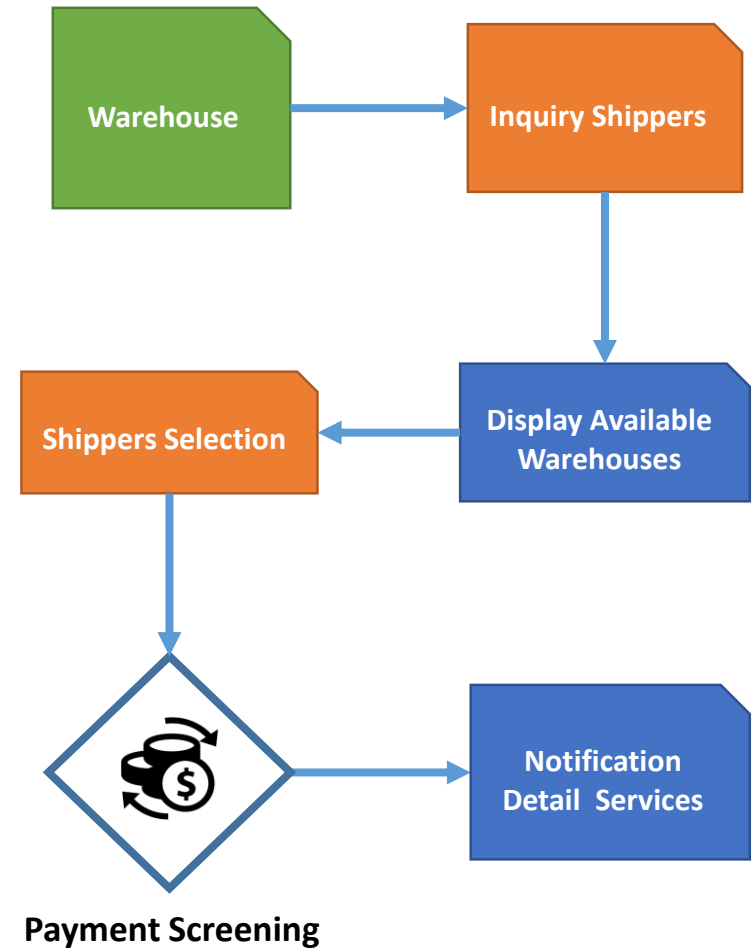
Digitization Logistics Functions

- ❑ User identification-verification.
- ❑ Location pin point verification.
- ❑ Sales-marketing Domestic-International network of companies.
- ❑ Locate-Configure and Match requirements and services.
- ❑ Negotiate and book transportation-warehouse services.
- ❑ Issue shipper-transporter order schedule confirmation.
- ❑ Direct chatting point to point feature.
- ❑ Daily-weekly schedule build up.
- ❑ Operation and administration pre-alerts.
- ❑ Auto issue pre-invoice to reduce miscommunication.
- ❑ Pending transportation route notifications.
- ❑ Issuance of a domestic pick up delivery schedule.
- ❑ Detailed customs charges at origin and destination.
- ❑ Integrated notification center.

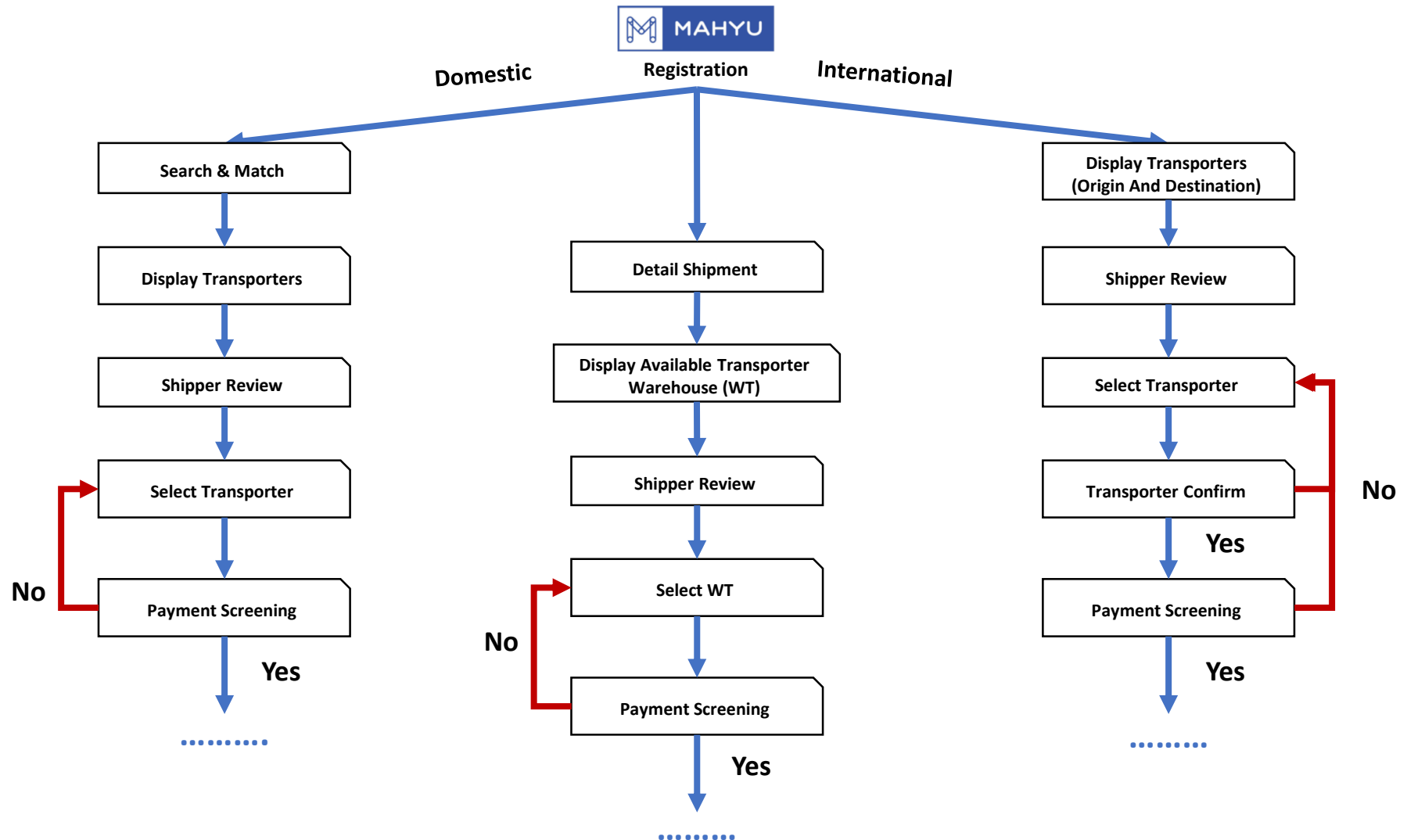Copyright © 2021 Mahyu LLC. All Rights Reserved
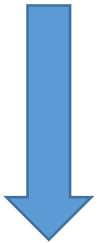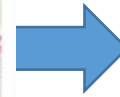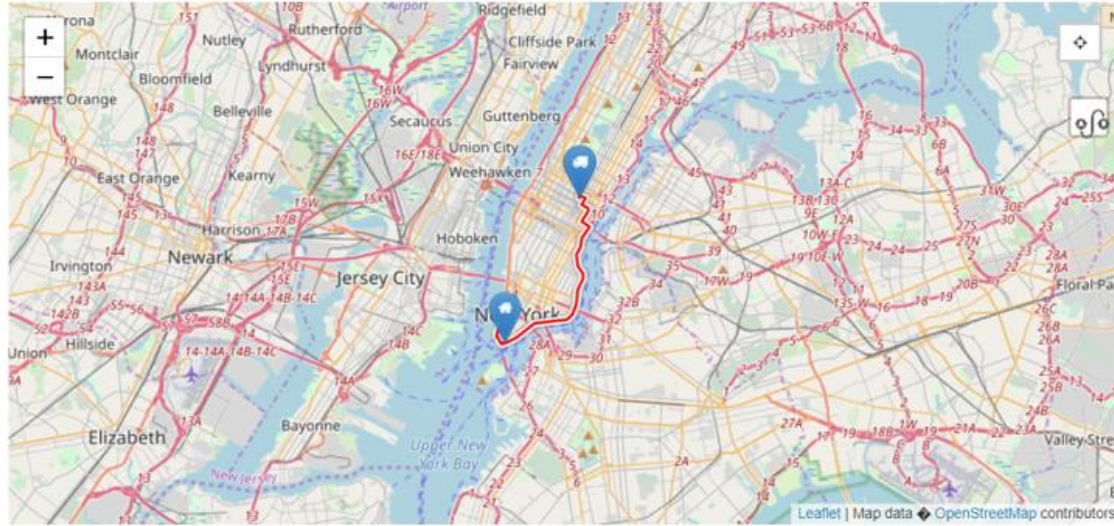
Digitization Logistics Functions

- ❑ HS code import-export restrictions notification.
- ❑ Warehouse configurations.
- ❑ Warehouse space allocation confirmation.
- ❑ Inventory management report.
- ❑ Pickup and delivery route instruction.
- ❑ Monitoring and tracking system.
- ❑ Digital financial screening and approval.
- ❑ Proof of pick up and delivery receipt.
- ❑ Issuance of final invoice.
- ❑ Auto payment processing.
- ❑ Pickup and Delivery verification.
- ❑ Auto payment verification.
- ❑ Currency setting-link to real time foreign exchange.
- ❑ Administration and User profile settings + procedures.

Warehouse → **Inquiry Shippers**

Inquiry Shippers → **Display Available Warehouses**

Display Available Warehouses → **Shippers Selection**

Shippers Selection → **Payment Screening**

Payment Screening → **Notification Detail Services**

Inquiry-Respond-Process Flow

MAHYU

Domestic — **Registration** — **International**

Domestic	Registration	International
Search & Match	Detail Shipment	Display Transporters (Origin And Destination)
Display Transporters	Display Available Transporter Warehouse (WT)	Shipper Review
Shipper Review	Shipper Review	Select Transporter
Select Transporter	Select WT	Transporter Confirm
Payment Screening	Payment Screening	Payment Screening

No (Domestic: Select Transporter → Payment Screening loop)
Yes → ....

No (Registration: Select WT → Payment Screening loop)
Yes → ....

No (International: Select Transporter → Transporter Confirm / Payment Screening loop)
Yes → ....
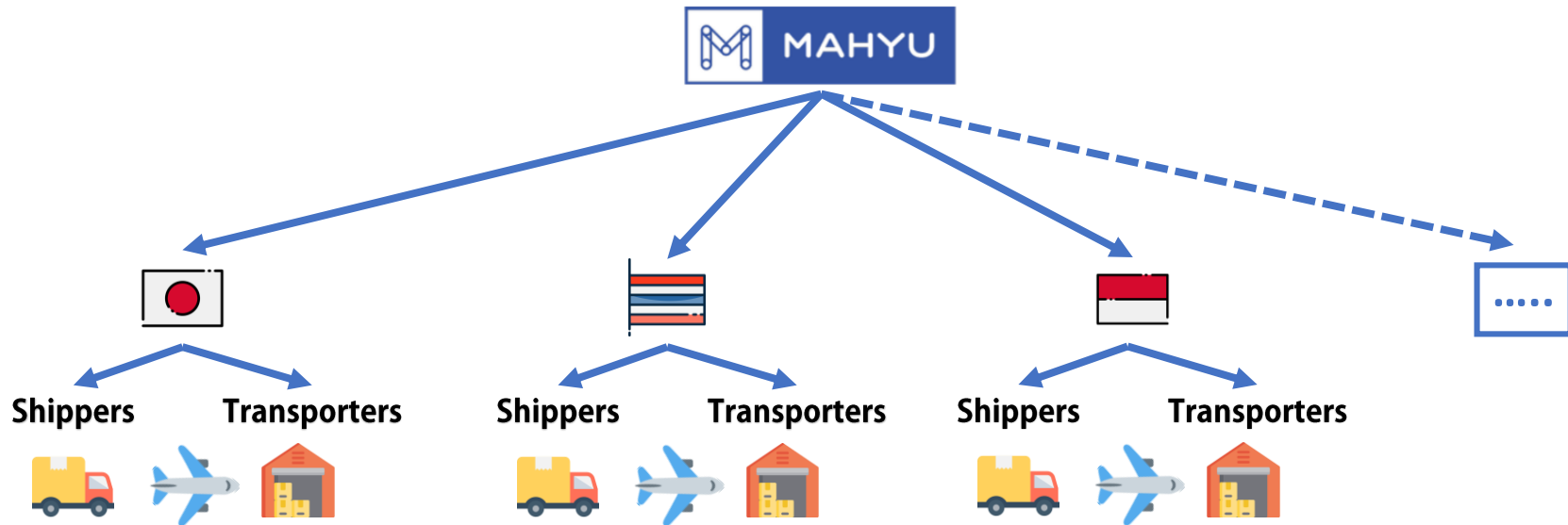
Mapping Technology

A Geo-Location to assist user

- ❑ Real time pin point of each vehicle's location at every stage of transaction.
- ❑ Real time pickup and delivery receipts.
- ❑ Paperless location and operation instructions information.
- ❑ Essentially, almost all Logistics Functions and its Infrastructure are performed and taken over by "Cloud Technology Platform".
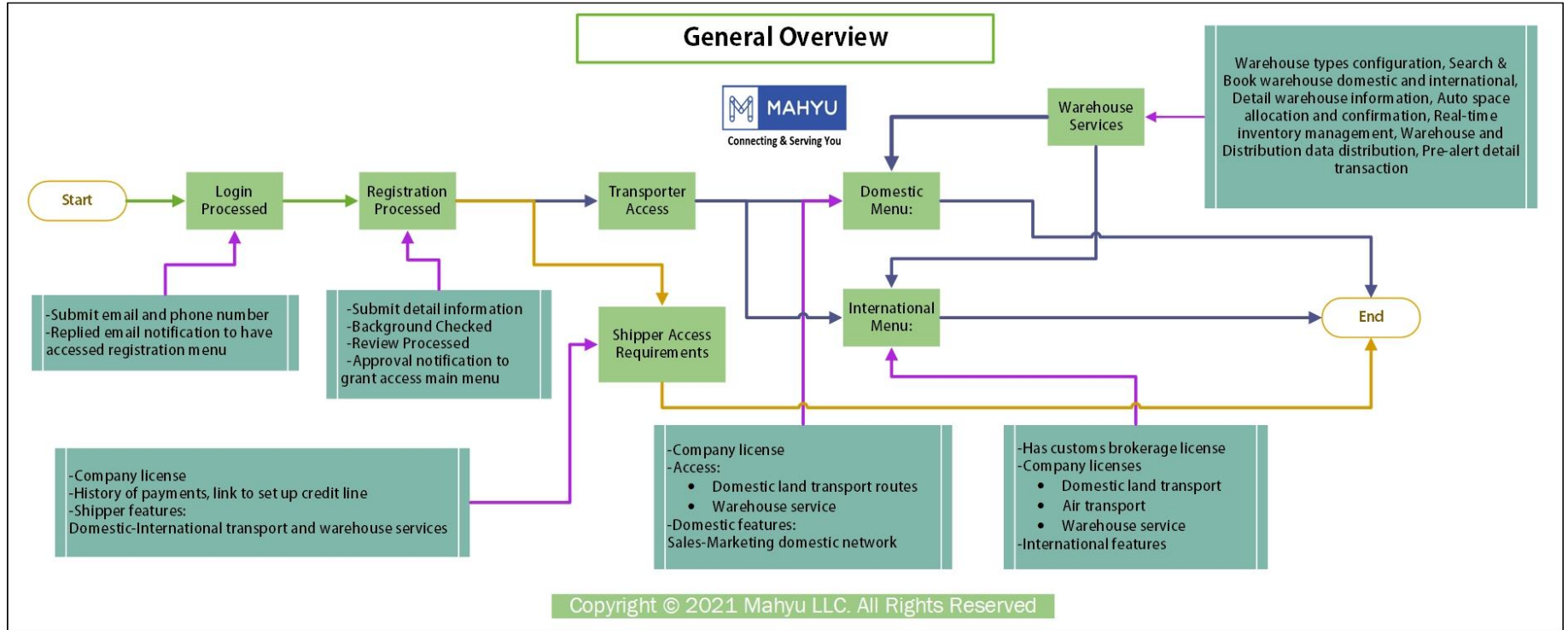
One Network with Same Interest

Administration and Setting menu:

❖ Verify invoice payment
❖ Credit limit approval
❖ Transporter verification registration processed:
    1. Verify local license
    2. Business license
    3. Customs brokerage license
❖ Shipper verification registration processed

❖ Setting options:
    1. Currency symbol
    2. Country currency
    3. Airport code
    4. Airline code
    5. Aircraft type
    6. Flight number
    7. Import HS code
    8. Export HS code

Comprehensive Solution

Thank You!

Connecting & Serving You

Mahyu LLC

info@mahyu.com