Cold Chain Management
Customised management of your refrigerated Supply Chain

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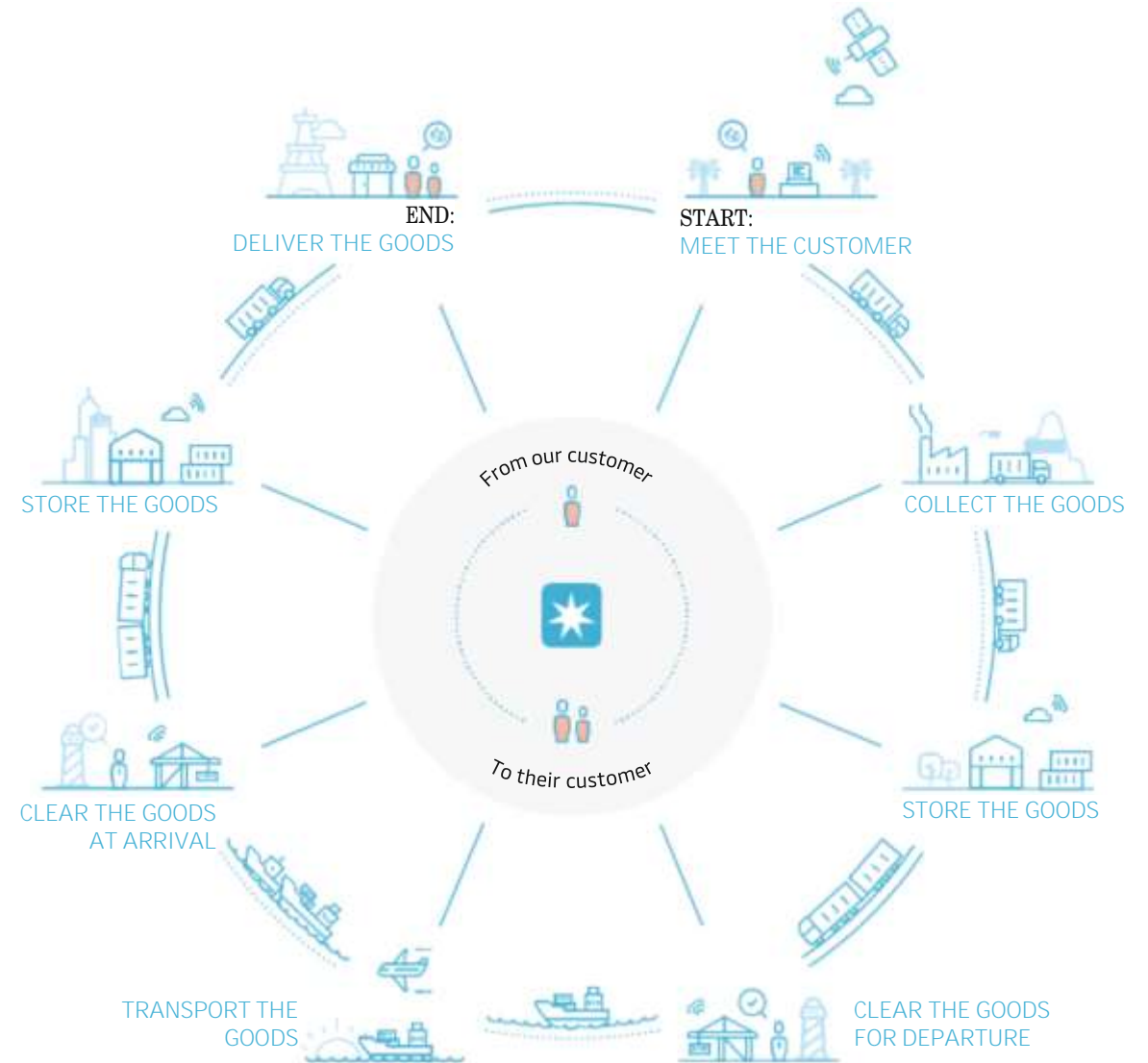
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OUR BUSINESS

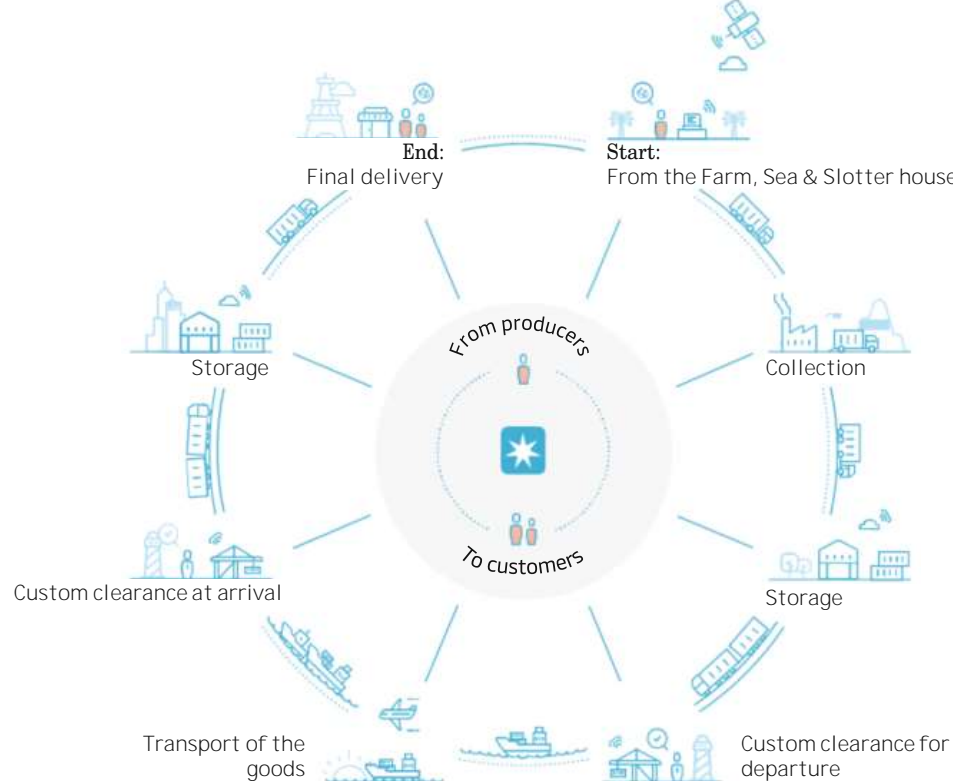# Connecting and simplifying

global supply chains

A.P. Moller – Maersk enables its customers to trade and grow by transporting goods anywhere.

Maersk works to provide customers with a simple end-to-end offering of products and services, seamless customer engagement and a superior end-to-end delivery network, taking the complexity out of global supply chains.

END:
DELIVER THE GOODS

START:
MEET THE CUSTOMER

STORE THE GOODS

From our customer

COLLECT THE GOODS

To their customer

STORE THE GOODS

CLEAR THE GOODS
AT ARRIVAL

CLEAR THE GOODS
FOR DEPARTURE

TRANSPORT THE
GOODS

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Maersk Cold Chain Logistics is taking complexity out of your global supply chain and maximizing your product value and quality

Main ambitions we see from our customers are…

End:
Final delivery

Start:
From the Farm, Sea & Slotter house

Storage

From producers

Collection

To customers

Custom clearance at arrival

Storage

Transport of the goods

Custom clearance for departure

…enabling you to trade and grow globally!

Tailor-made, flexible and carrier-neutral global solutions to support changing business needs

Enabling more complex, dynamic physical flows with a single provider accountable for the entire supply chain

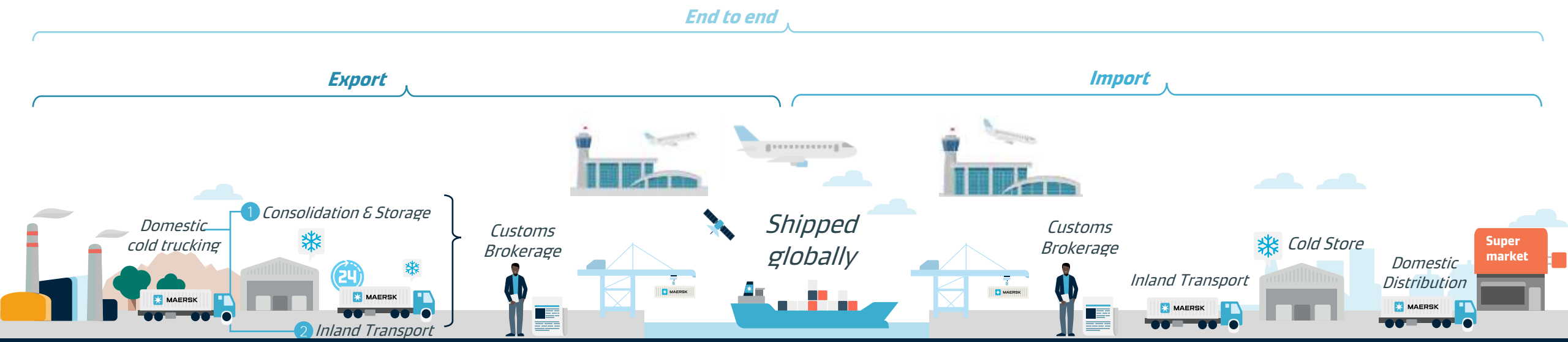Upholding the cold chain integrity for optimal product value and shelf-life

One-stop-shop reducing waste, risk and complexity, allowing you to focus on your core business

Enhanced visibility, performance and supply chain optimization

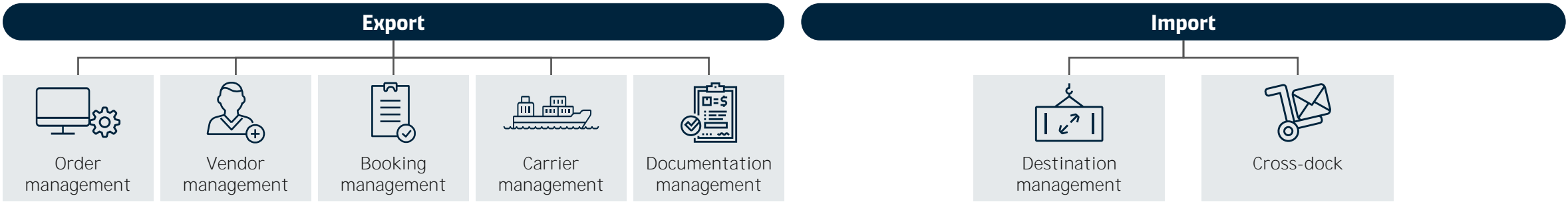Full transparency through digitally-supported harmonized view with strong data foundation

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Cold Chain Management is your one-stop-shop with distinct end-to-end asset-based integrated solutions meeting logistics needs

End to end

Export | Import

Domestic cold trucking
1 Consolidation & Storage
2 Inland Transport
Customs Brokerage
Shipped globally
Customs Brokerage
Inland Transport
Cold Store
Domestic Distribution
Super market

Experience a fully **integrated cold supply chain**...

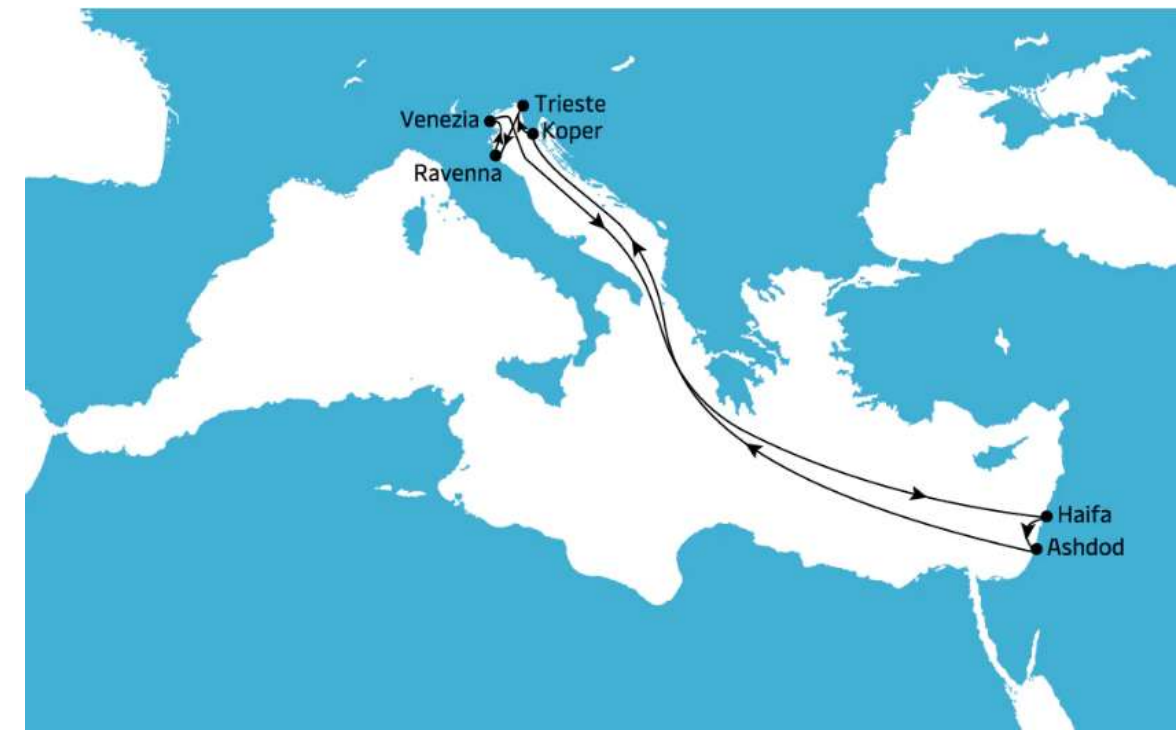... with **customized solutions** based on a **global** offering...

... including **own cold stores, carrier-neutral management** and supply chain **optimization**

Export

- Order management
- Vendor management
- Booking management
- Carrier management
- Documentation management

Import

- Destination management
- Cross-dock

System integration and data interchange

End to End

KPI management and visibility

Cold Chain Management services

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SLI Adriatic Service A

Timetable

Timetable for: Koper

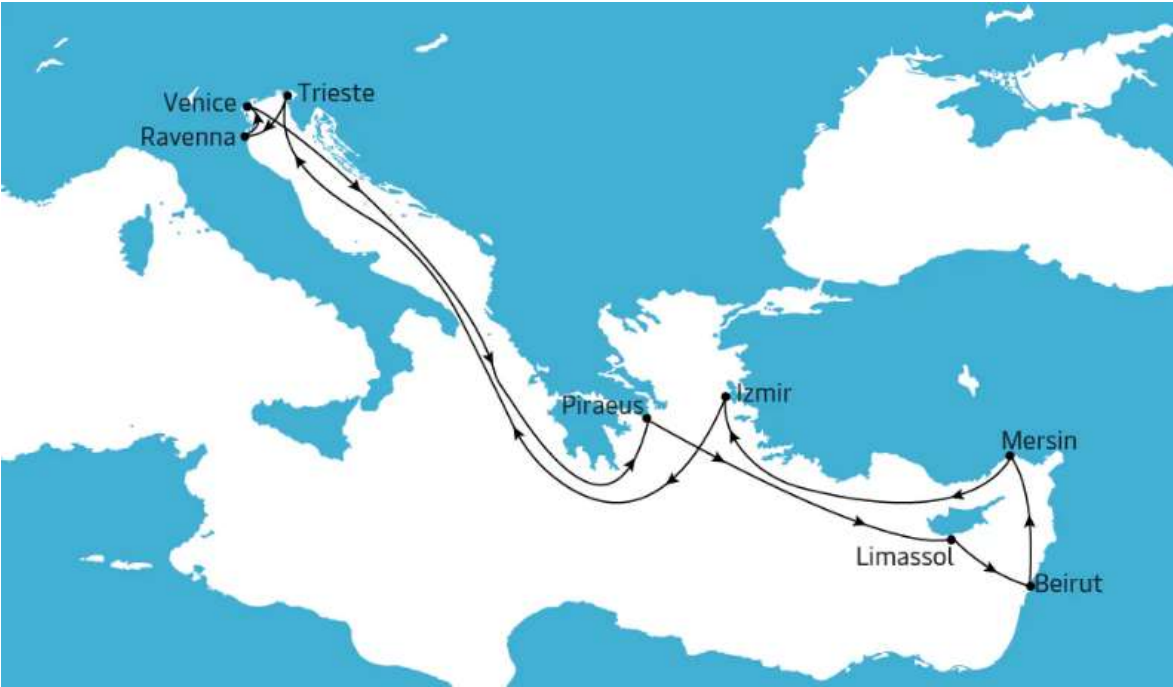| Port call	Transit time	Arrives	Departs
Koper	-	-	Day 1 (Saturday)
Trieste	2 days	Day 3 (Saturday)	Day 3 (Sunday)
Ravenna	3 days	Day 4 (Monday)	Day 4 (Monday)
Venezia	4 days	Day 5 (Tuesday)	Day 5 (Tuesday)
Haifa	9 days	Day 10 (Sunday)	Day 10 (Sunday)
Ashdod	10 days	Day 11 (Monday)	Day 11 (Monday)
Koper	14 days	Day 15 (Saturday)	Day 15 (Saturday)

SLI Adriatic Service B

Timetable

Timetable for: Koper

Port call	Transit time	Arrives	Departs
Trieste	–	–	–
Venezia	–	–	–
Koper	–	–	Day 3 (Sunday)
Ravenna	1 days	Day 4 (Sunday)	Day 4 (Sunday)
Ambarli Port Istanbul	4 days	Day 7 (Thursday)	Day 7 (Thursday)
Gebze	5 days	Day 8 (Thursday)	Day 8 (Thursday)
Gemlik	5 days	Day 8 (Friday)	Day 8 (Friday)
Izmir	6 days	Day 9 (Saturday)	Day 9 (Saturday)

SLL Adriatic Sea D

Timetable

Timetable for: Trieste

Port call	Transit time	Arrives	Departs
Trieste	–	–	Day 1 (Monday)
Ravenna	2 days	Day 3 (Tuesday)	Day 3 (Tuesday)
Venezia	3 days	Day 4 (Wednesday)	Day 4 (Thursday)
Piraeus	7 days	Day 8 (Saturday)	Day 8 (Sunday)
Limassol	9 days	Day 10 (Tuesday)	Day 10 (Wednesday)
Beirut	12 days	Day 13 (Wednesday)	Day 13 (Friday)
Mersin	15 days	Day 16 (Monday)	Day 16 (Tuesday)
Izmir	18 days	Day 19 (Thursday)	Day 19 (Friday)
Trieste	21 days	Day 22 (Sunday)	Day 22 (Monday)

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AE12 Eastbound / Westbound

Timetable

Timetable for: Koper

Port call	Transit time	Arrives	Departs
Koper	-	-	Day 1 (Thursday)
Trieste	1 day	Day 2 (Thursday)	Day 2 (Friday)
Rijeka	2 days	Day 3 (Friday)	Day 3 (Sunday)
Trieste	4 days	Day 5 (Monday)	Day 5 (Thursday)
Port Said East	10 days	Day 11 (Sunday)	Day 11 (Tuesday)
King Abdullah	15 days	Day 16 (Thursday)	Day 16 (Friday)
Jeddah	16 days	Day 17 (Friday)	Day 17 (Saturday)
Singapore	29 days	Day 30 (Thursday)	Day 30 (Saturday)
Xingang	39 days	Day 40 (Monday)	Day 40 (Wednesday)
Dalian	42 days	Day 43 (Wednesday)	Day 43 (Thursday)
Busan	45 days	Day 46 (Saturday)	Day 46 (Monday)
Ningbo	50 days	Day 51 (Thursday)	Day 51 (Friday)
Shanghai	52 days	Day 53 (Sunday)	Day 53 (Monday)

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Adriatic Gateway Multimodal solution – Fresh to EU
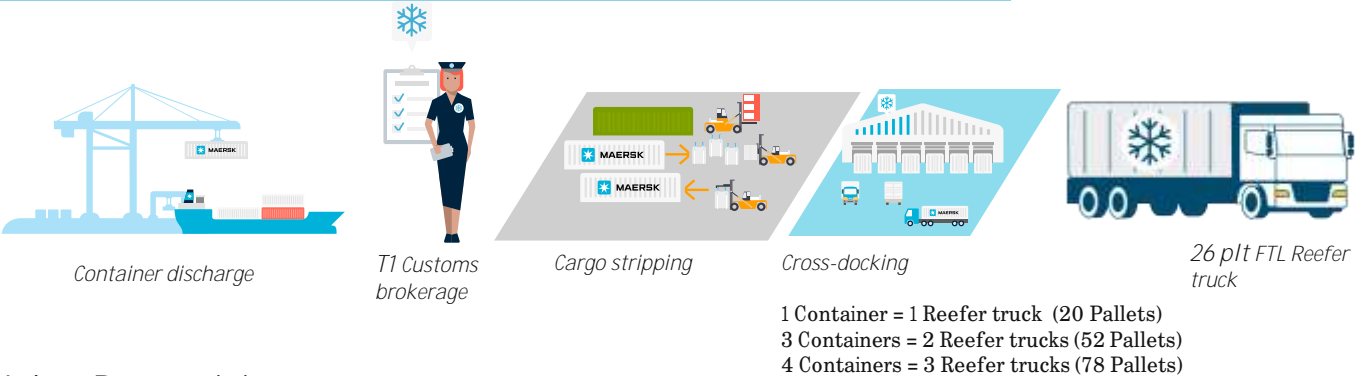
Solution and Capbilities

- Apple & FMCG
- FTL capacity: available
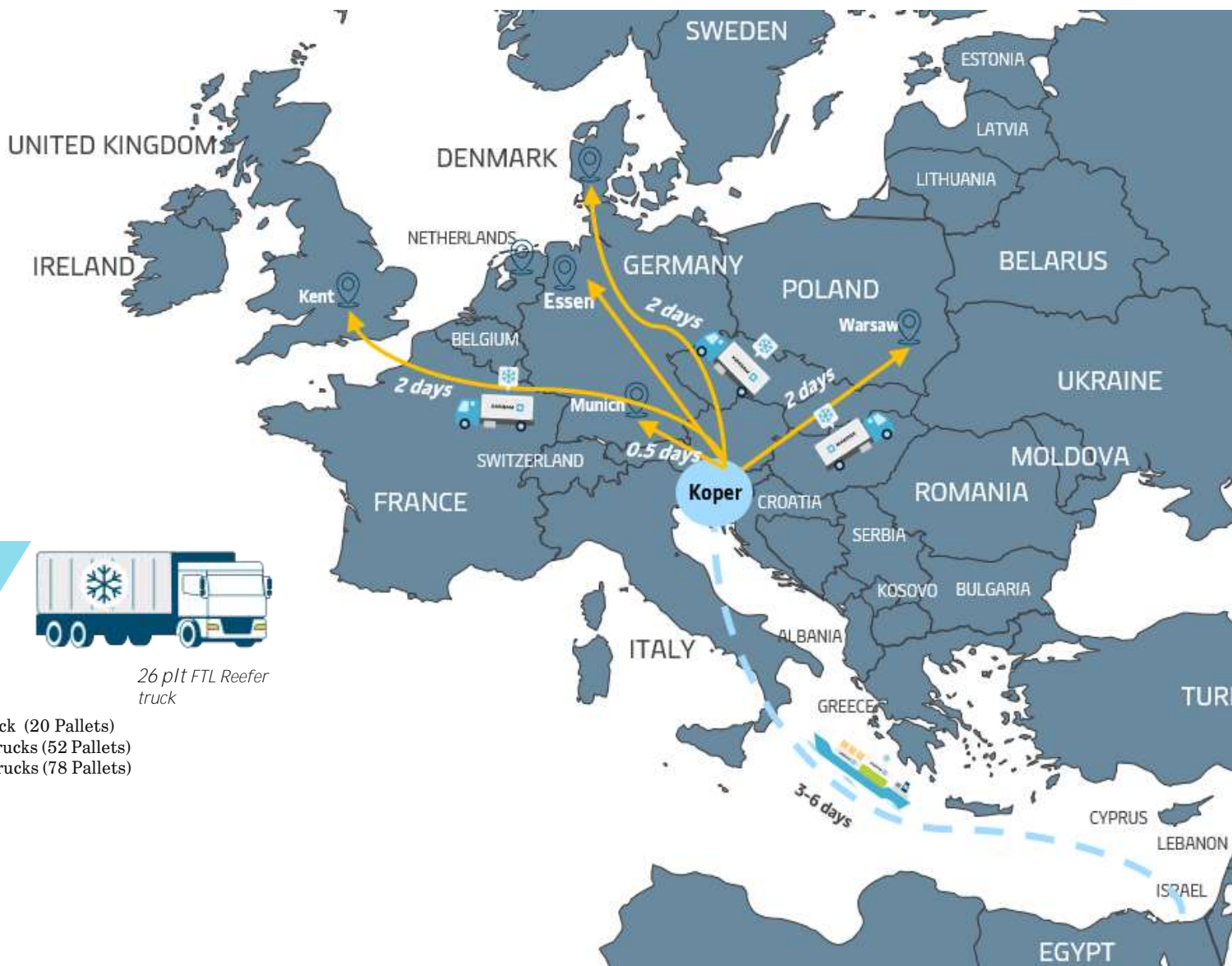- Cold Storage
- Cross-Dock

Value Added Services

Inspection / Quality check
Labelling
Palletizing

CCS – E2E

- Origin service (Vendor Management, Quality inspection, IHE, CHB, Documentation management, Exception management, Multicarrier)
- Koper: T1 - Visual inspection - Cross-docking - FTL reefer truck

Container discharge

T1 Customs brokerage

Cargo stripping

Cross-docking

26 plt FTL Reefer truck

1 Container = 1 Reefer truck (20 Pallets)
3 Containers = 2 Reefer trucks (52 Pallets)
4 Containers = 3 Reefer trucks (78 Pallets)

Value Proposition

- E2E One-stop-shop solution
- Shorter access to North Europe & CEE markets
- Lower handling and storage costs
- Avoiding port congestion & bottlenecks

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Adriatic gateway Multimodal solution – Polish Apples

Solution and Capabilities
- Apple & FMCG
- FTL capacity: Limited
- Cold Storage
- Cross-Dock
- Customs clearance
- Space & equipment
- Inland Haulage

Cargo stripping

Cross-docking

Inland transport

Customs brokerage
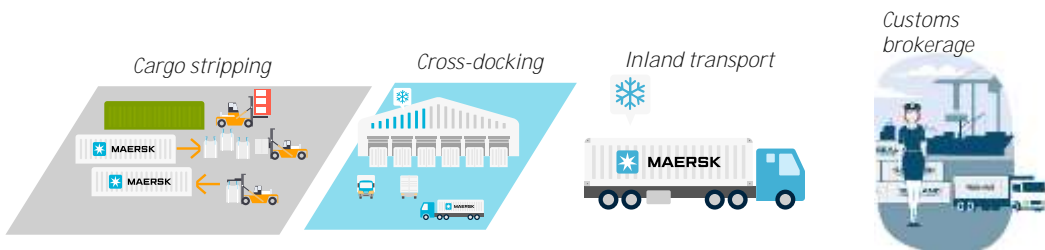
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Time to Market

Accessibility

How can we build over the current setup?

Can you identify other origins that can use the same solution?

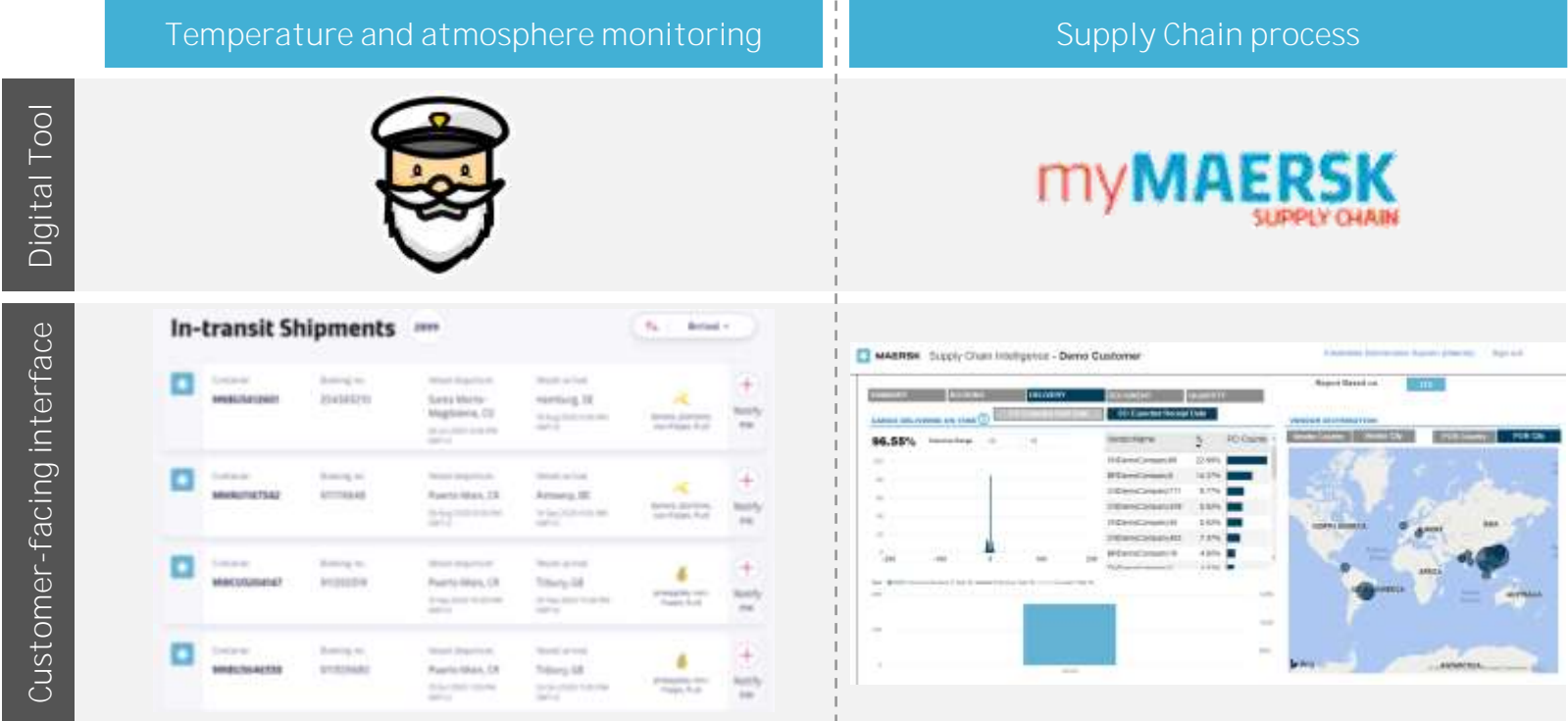What is missing in the current setup to reach different customer segments?

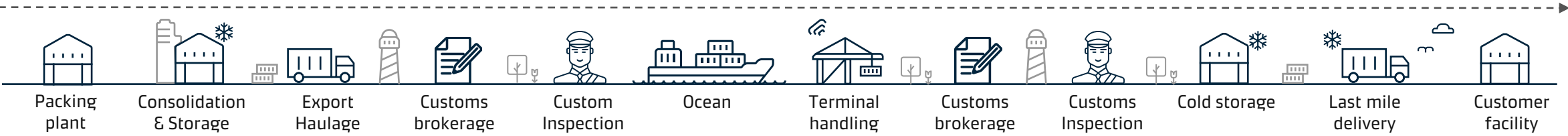Gdynia

Grojec

Koper

Trieste

Rijeka

26 to 35 days

7 days

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Providing visibility of your product at any point in it's supply chain journey

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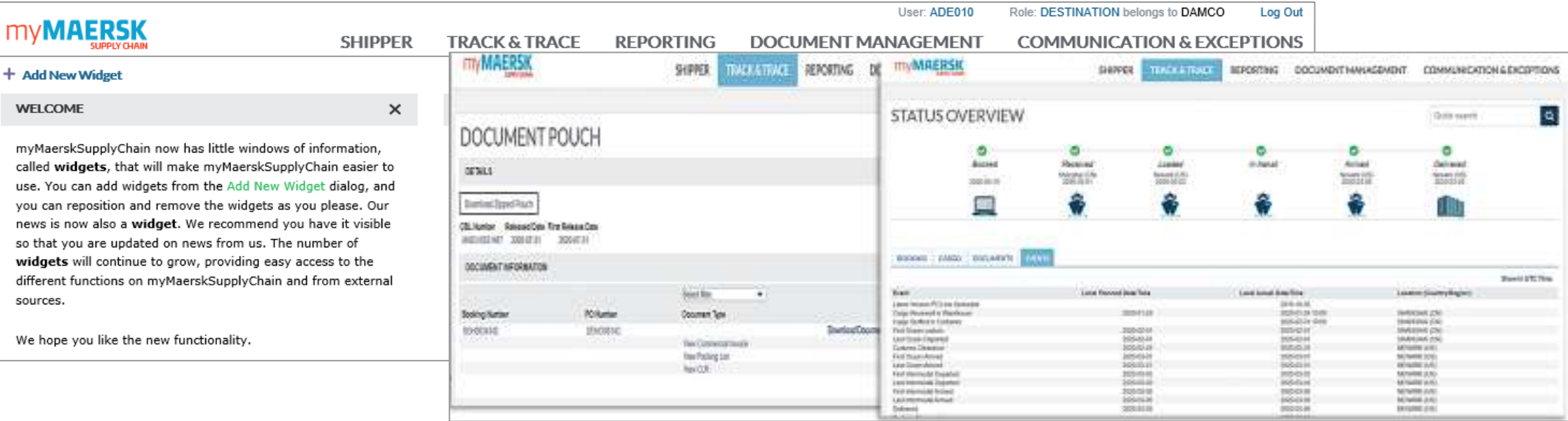# Maersk Cold Chain Logistics provides digital visibility several levels

Temperature and atmosphere monitoring	Supply Chain process

Digital Tool

myMAERSK SUPPLY CHAIN

Customer-facing interface

E2E Supply chain digital visibility

Packing plant | Consolidation & Storage | Export Haulage | Customs brokerage | Custom Inspection | Ocean | Terminal handling | Customs brokerage | Customs Inspection | Cold storage | Last mile delivery | Customer facility

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Our Captain Peter interface provides in-transit visibility of your fresh fruits by monitoring container's temperature and atmospheric conditions

In-transit cargo visibility
- View status on temperature, humidity and atmosphere levels and GPS location

Satellite connection on vessel
- Stay up-to-date on the status of your reefer – even when at sea

Journey Log
- Overview of key events during the reefer journey

Easy sharing
- Share specific container details with your stakeholders

Complete carrier coverage
- View your shipments across all brands in the Maersk group

Personalized notifications
- Get notified if anything is deviating from YOUR plan

Datalog download
- Download the detailed data from the container graphs

24/7 chat support
- Get your question answered immediately

Temperature

Humidity

GPS location

Cargo Probes

Atmosphere

Container Stats

| Temperatures | Humidity | Atmosphere | Cargo Probes |

Latest Readings

● Supply
14.04°C
info

● Return
14.52°C
info

● Setpoint
14°C
info

Loaded on to vessel
Panama: Balboa Port Terminal
5 Sep 2021 22:03 UTC

20°C
19°C
18°C
17°C
16°C
15°C
14°C
13°C
12°C

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MyMaersk visibility and analytics

Shipper Booking Portal	Exception Management	Document Management	Track & Trace	Reporting	Dashboards & Analytics
• Booking portal for our partners • Accelerated response time • Validated bookings against business rules	• Upstream visibility to exceptions • Customer specific options to expedite decisions • Collaboration between client/Maersk	• Storage • Visibility & control to documentation process • Creation standard shipping documents	• SKU-level real-time visibility of cargo • Connectivity with carriers • Real-time visibility	• Standardized reports • Shipment milestones • Performance reports to manage your workflow	• KPIs • Benchmark critical activities • Analyze data and opportunities

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We can enable a Supply Chain Dashboard for actionable insights based the historical data

Above: Report for demonstration purposes
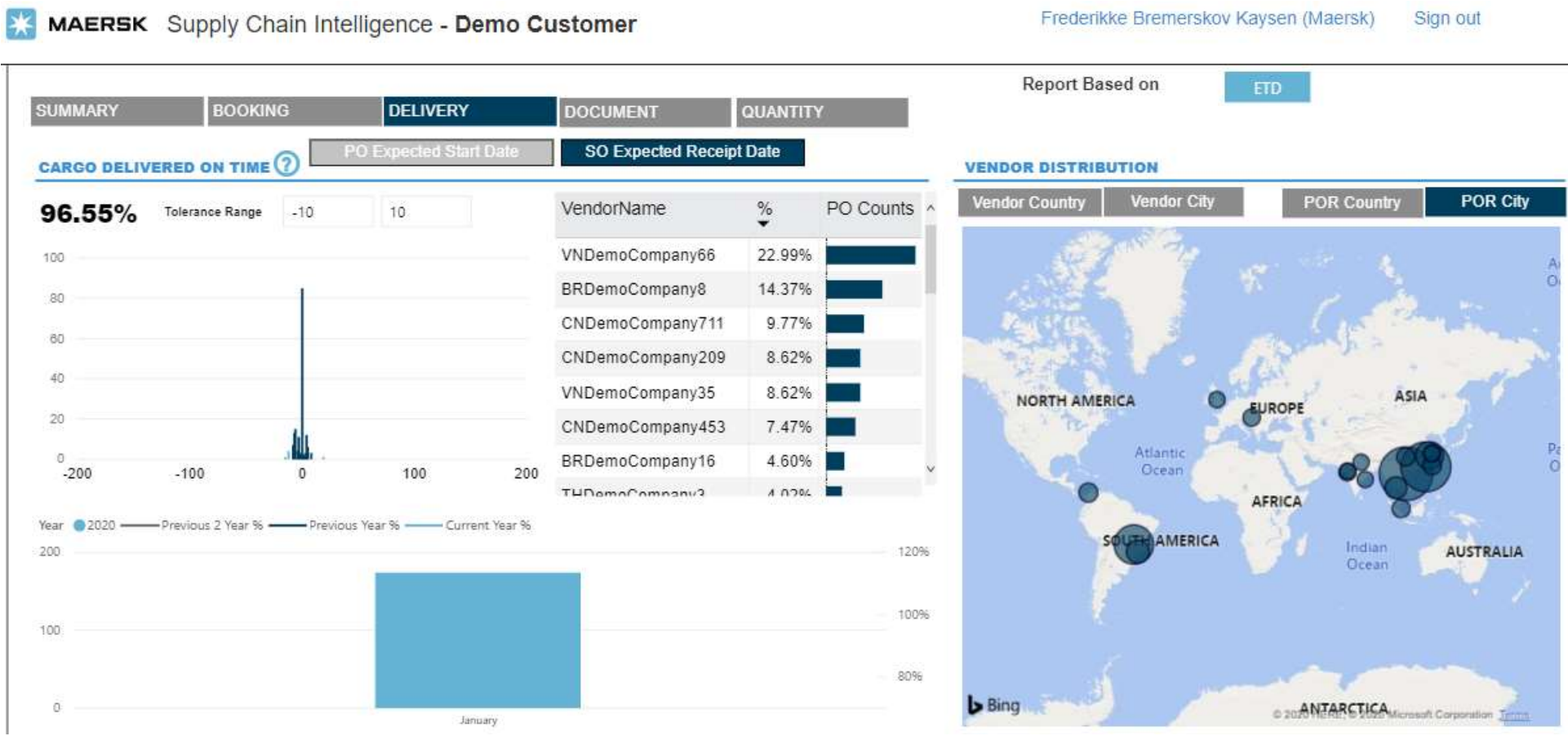
Full transparency throughout the journey
Visibility: Key milestones

| Stage	What we expect from the client	Cold Chain Management: Service scope and deliverables
Planning	• Share Purchase order, weekly volume forecast	• Early forecasting to ocean carriers to improve equipment availability
Booking	• Place on-line bookings in MyMaersk	• Booking with ocean carriers as per XXX's allocation; escalation in case of deviation • Follow-up with vendors if booking is not place on-time • Check product temperature during booking
Doc management	• Instruct vendors which documents are needed	• Follow-up with vendors if the document had not been provided • Upload documents to MyMaersk (if not done by vendor)
Ocean transportation	• Determine lead time	• Alert if carriers deviate from the planned lead time
Pre-advise/arrival	• Customer's visibility requirements	• Visibility through reporting and track-and-trace available for XXX and your customers
CHB completed	• Determine requirements for commercial invoice, delivery documents and compliance	• Collect documents: Commercial Invoice, Packing List, certificates, Bill of Lading • Verify accuracy of documents and correct any discrepancies
Cold Storage	• Execution principles	• Operation as per agreed process, additional services (labelling, re-boxing, etc), stock reports
Delivery to Customers	• KPI's agreed with final customer	• Planning delivery dates with customers, notification of changes, reporting POD
D&D	• Procure optimal demurrage & free time	• Manage delivery to minimize D&D, reporting of D&D dates and amounts

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Seamless
Implementation

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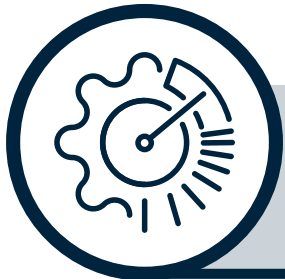
Key ingredients for successful onboarding

We provide you with…

A dedicated implementation project team

Commitment to delivering on time, within scope, and within cost
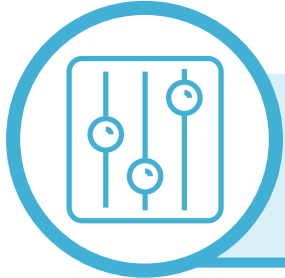
A robust implementation model, with a proven track record

Experienced global IT integration teams and a world class platform

A tried and tested implementation methodology

Pro-active risk management and business continuity planning

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Thank you!

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