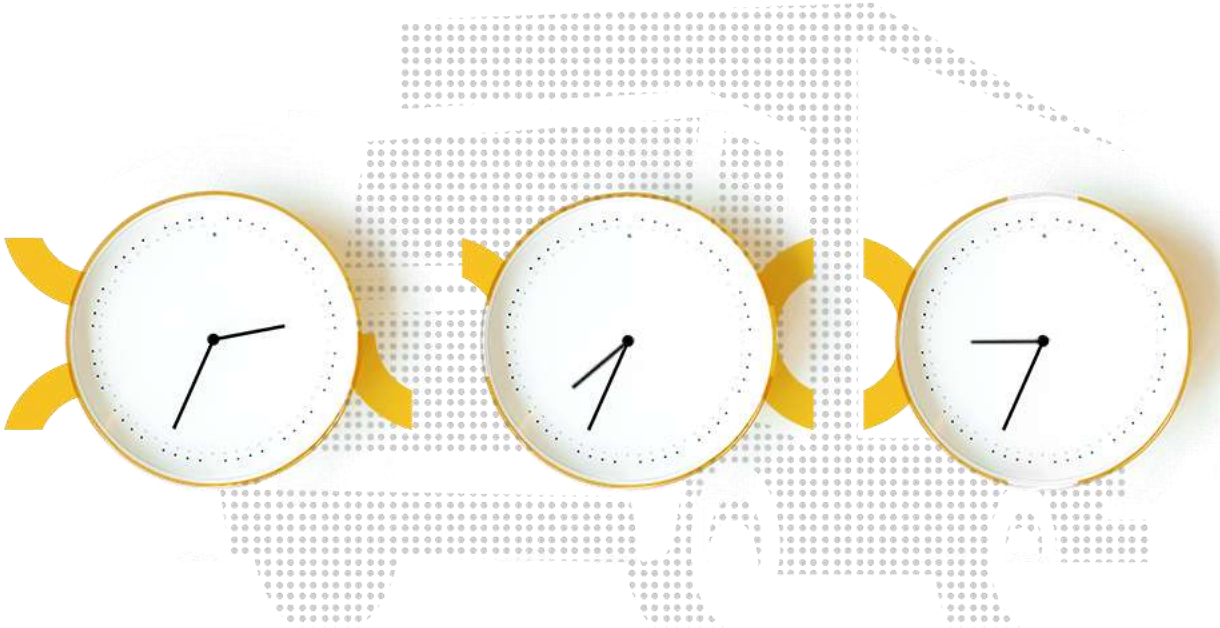
TRANSPOREON

Time Slot Management Masterclass

03.05.2022



TRANSPOREON

Jan Rzehak

Director Business Consulting

Current
Market Situation

The Evolution of Dock Scheduling

TRANSPOREON

Challenges

TRANSPOREON

Huge amount of manual intervention for dock managers

Fluctuation of loading personnel

Peak and idle times

Impaired predictability

Overcrowding and standing time costs

Inefficient communication

Lack of transparency and documentation

Safety-critical processes

Solution: digital time slot reservation

Time Slot Management

TRANSPOREON

SHIPPER

CARRIER

SUPPLIER

CUSTOMER PICK-UPS

	DOCK 1	DOCK 2	DOCK 3
07:00 AM	RESERVED	FREE	BLOCKED
08:00 AM	FREE	FREE	BOOKED
09:00 AM	BOOKED	BOOKED	FREE
10:00 AM	FREE	FREE	BOOKED

Visible functionality

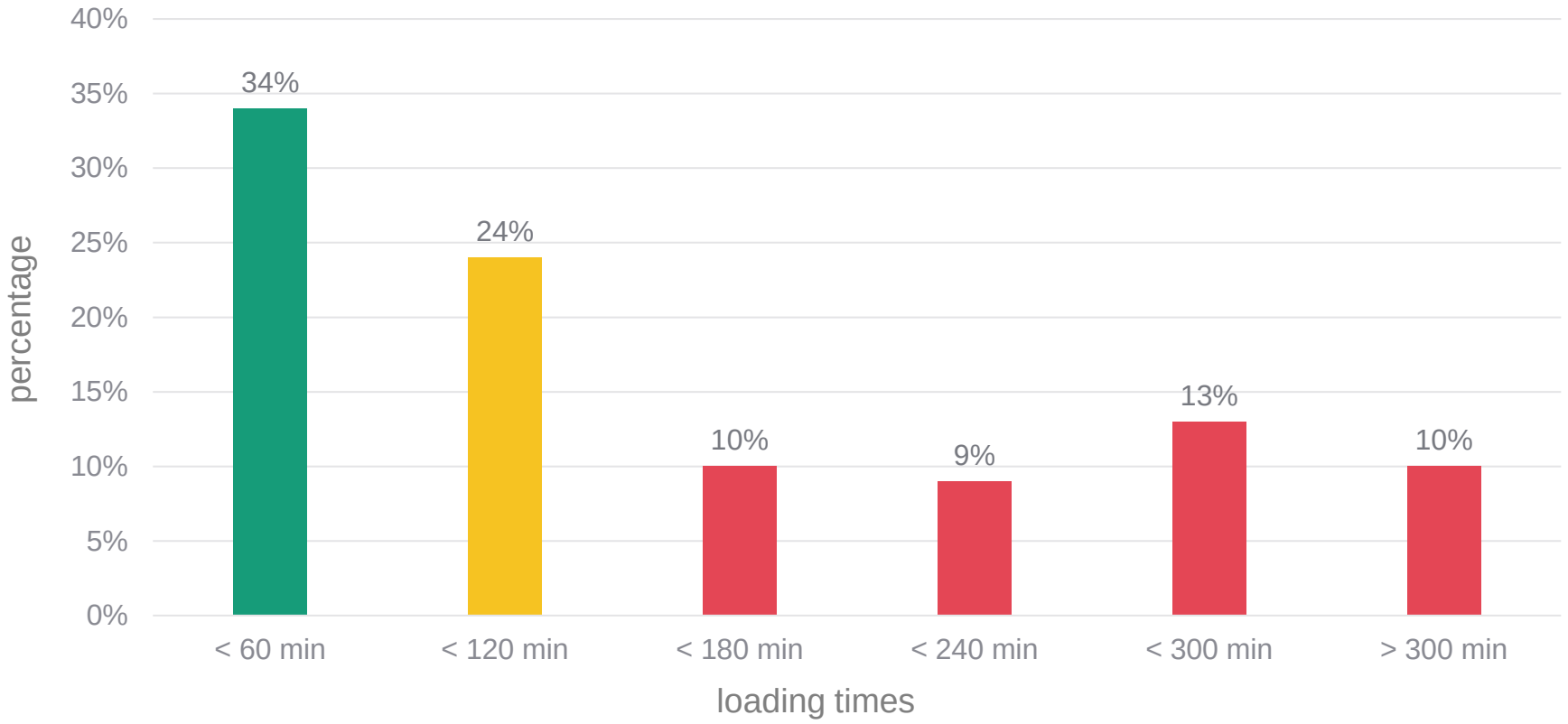
Fancy online calendar

Behind the scenes

- Interface
- Performance
- Gate-mapping
- Millions of configuration options
- Carrier integration and training
- ERP integration
- Booking rules
- Stability
- Logs & analysis
- Automatic License Plate Recognition (ALPR)
- Event management
- SMS information
- Change management
- Customer support in 25 languages
- Customer support (free of charge)

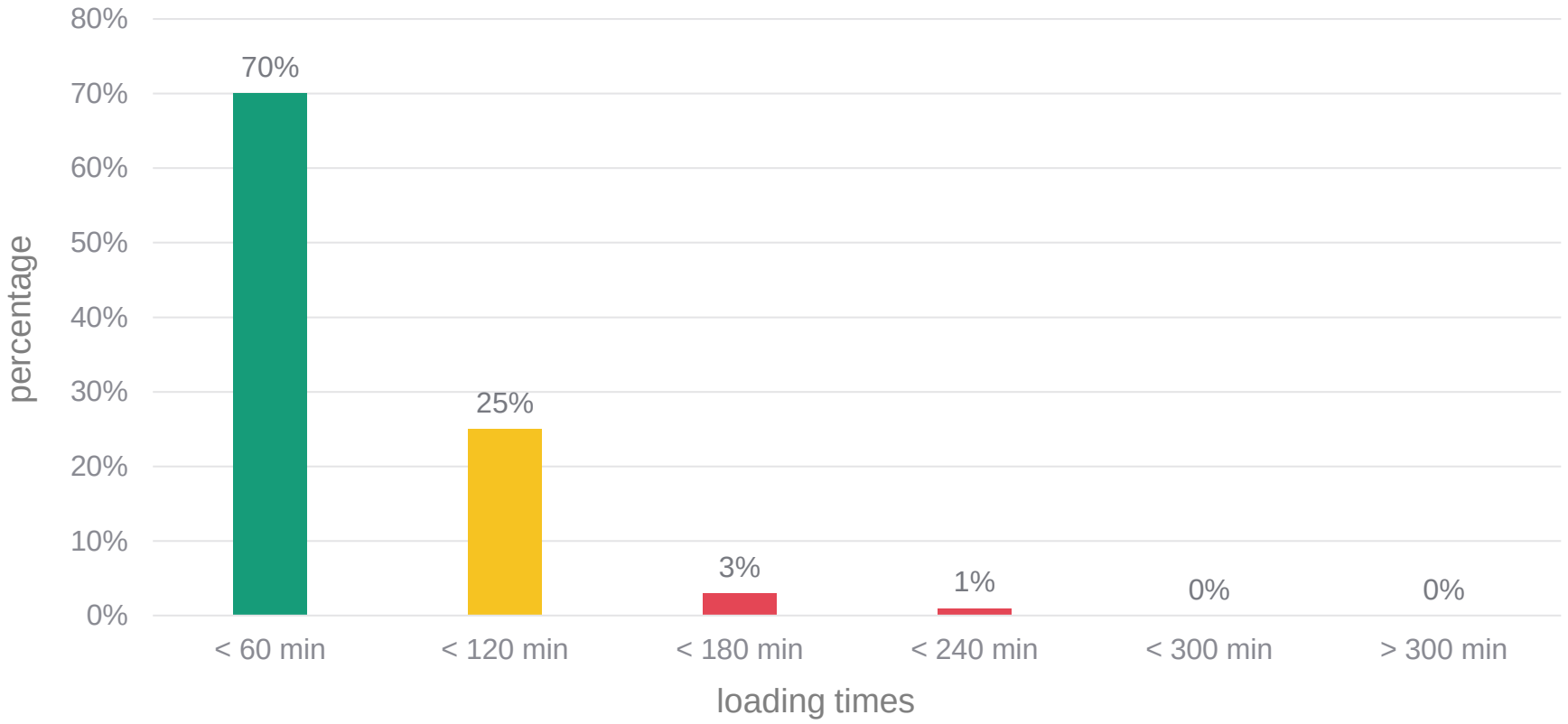
Starting situation

Loading time in customer plant without Time Slot Management



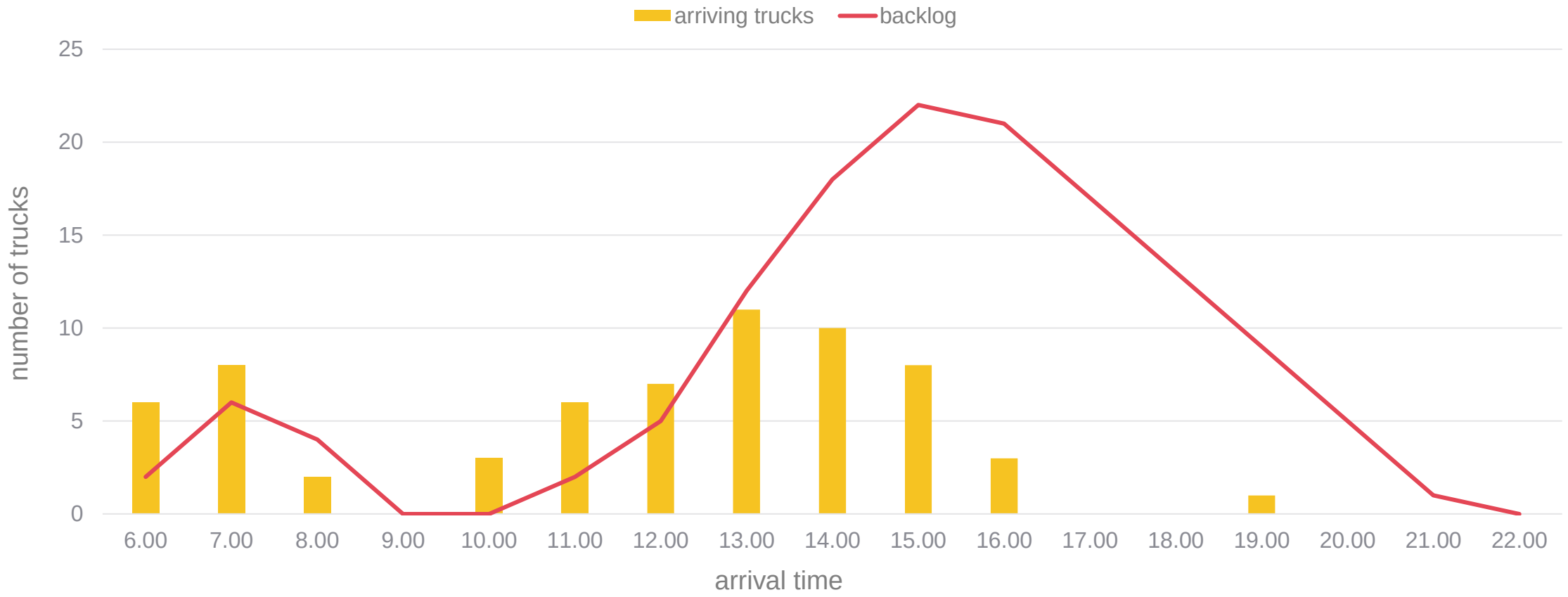
Current situation (with Transporeon TSM)

Loading time in factory with Time Slot Management



Starting situation (without Time Slot Management)

Loading capacity



Current situation (with Transporeon TSM)

Loading capacity

Benefits

Take control of your shipping yard

TRANSPOREON

Savings in demurrage money and indirect cost efficiencies through **optimization of loading times**

Accelerated processes as resources and goods can be prepared on time

Reduced waiting times by up to 40%

Efficient use of resources due to even and predictable distrubutions of arrivals

Audit-proof and legal compliance through fully documented processes

Quick response and operational optimization through fast communication and real-time data

Transparency about critical processes, quality level of carriers, optimization potential and more

Increased loading performance by up to 20%

Next step: use the power of the network

TRANSPOREON

1. Leverage the network effect by connecting supply chain solutions

2. Commit to using real-time data for improved ETAs

3. Combine across the individual supply chains on a vertical level

4. Continue to innovate

The Evolution of Dock Scheduling

TRANSPOREON

3 Components dynamic

Time Slot Management

TRANSPOREON

- Route information
- Telematics data
- Traffic
- ETA

3

2

- Closing the utilization gap
- Providing of loading/unloading order

Truck and transport data

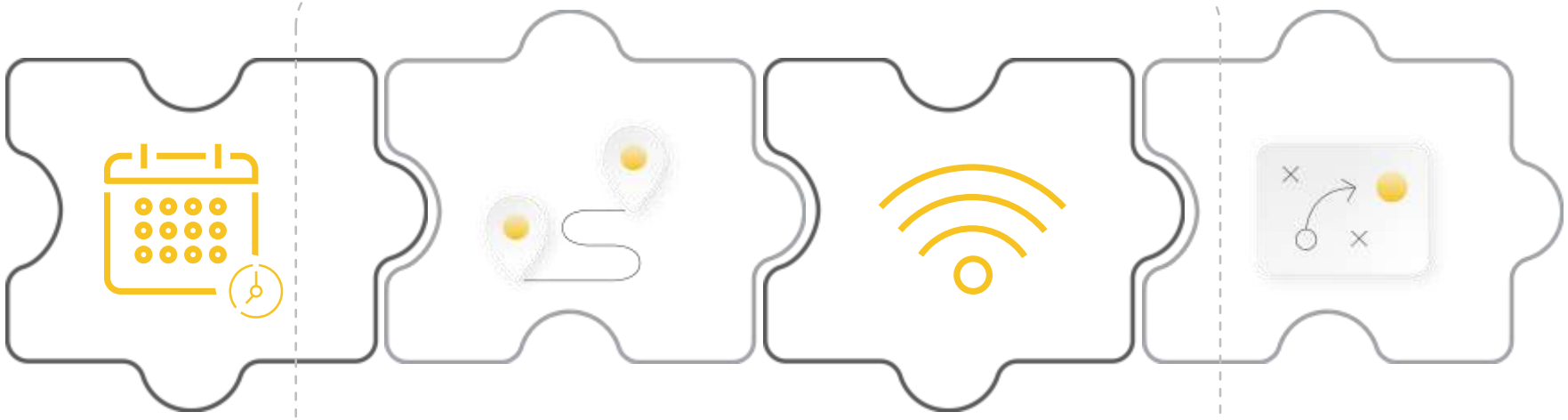
Algorithm and machine learning

1

- Matching of planning and real-time data

Next step: intelligent system

TRANSPOREON



The »Drive Through« approach

Replan on the go

TRANSPOREON

DOCK SCHEDULING | PLAN

	14:00	15:00	16:00
GATE 1			
GATE 2			
GATE 3			

PLEASE DRIVE TO GATE 2

NEW ETA! 16:00

WAREHOUSE | ACTUAL

	14:00	15:00	16:00
GATE 1	✓		
GATE 2			✓
GATE 3			✓

TO-DO

GO TO GATE RECEIVE AWARD, UNLOAD AT GATE 1

Benefits

Time Slot Management

TRANSPOREON

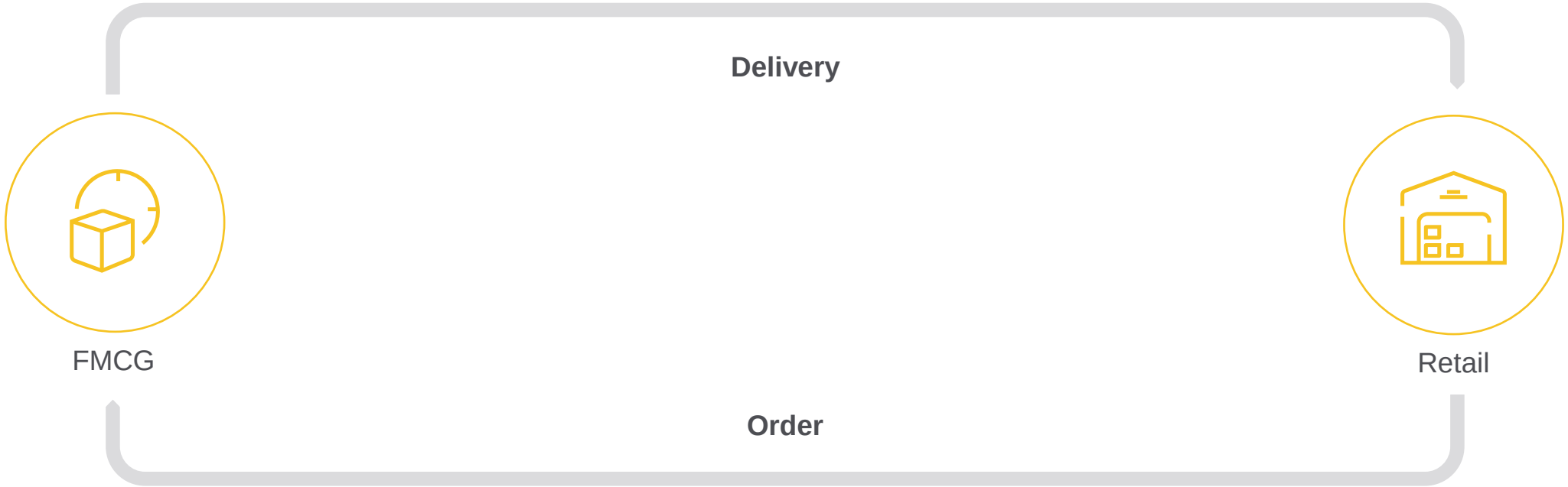
Interactive real-time comparison of planning and actual status

Immediate availability of the time of arrival at the destination (ETA)

Inbound and outbound management already starts before the arrival

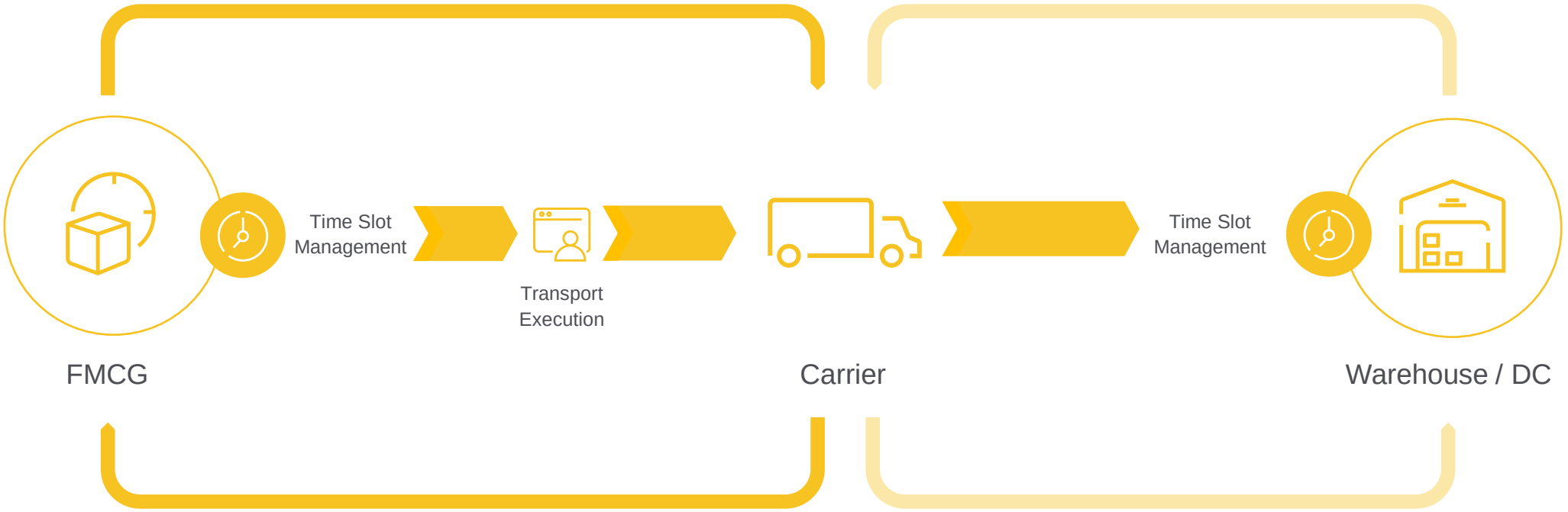
Retail: order process inbound flows

TRANSPOREON



Order process ≠ Transport process

TRANSPOREON



Supply chain sync provides door-to-door visibility

TRANSPOREON

Supply Chain Sync

What's the gain? Who benefits?

TRANSPOREON

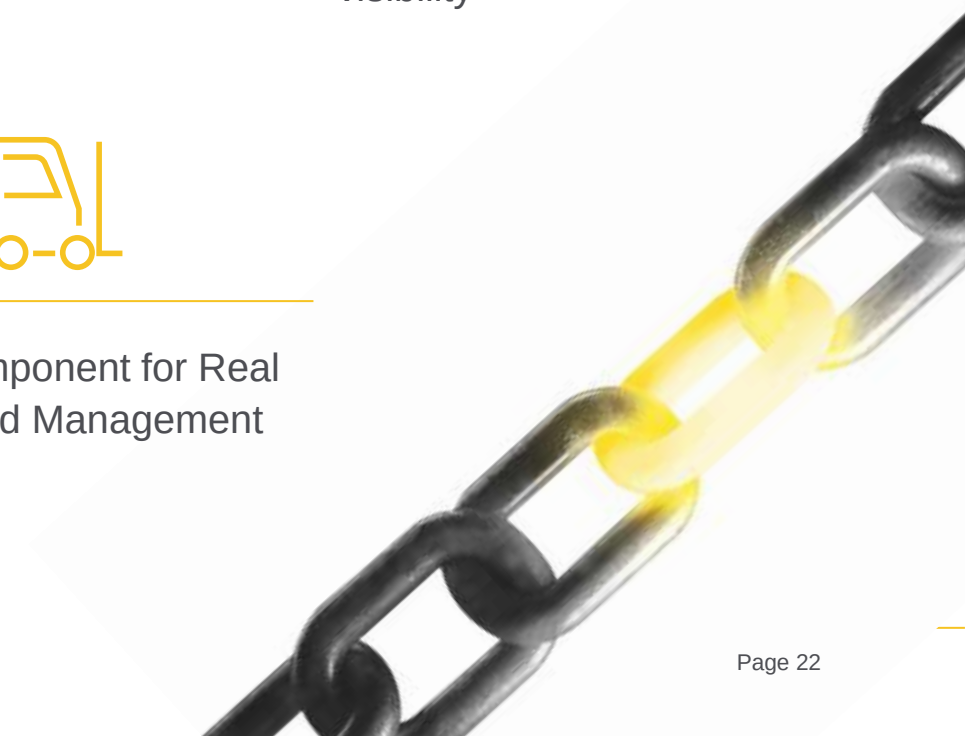
Synchronisation of order & transport process

Broad availability of truck data

Door-to-Door-visibility

Mutual insights into entire Supply Chain

Basis component for Real Time Yard Management



TRANSPOREON

Thank you
for your attention