

# Time Slot Management Masterclass



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An aerial, black and white photograph of a massive ocean vortex, likely a cyclone or hurricane, viewed from above. The center of the storm is a bright, white, circular eye, surrounded by dense, swirling clouds that form a thick, dark ring. The surrounding ocean surface is dark and textured with smaller waves and ripples. The overall scene conveys a sense of immense power and scale.

# Current Market Situation



# The Evolution of Dock Scheduling



# Challenges



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



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  |

An iceberg floating in the ocean. The tip of the iceberg is above the water, and the much larger base is submerged. A dashed yellow line separates the visible tip from the hidden base. The background shows a cloudy sky and distant mountains.

Visible functionality

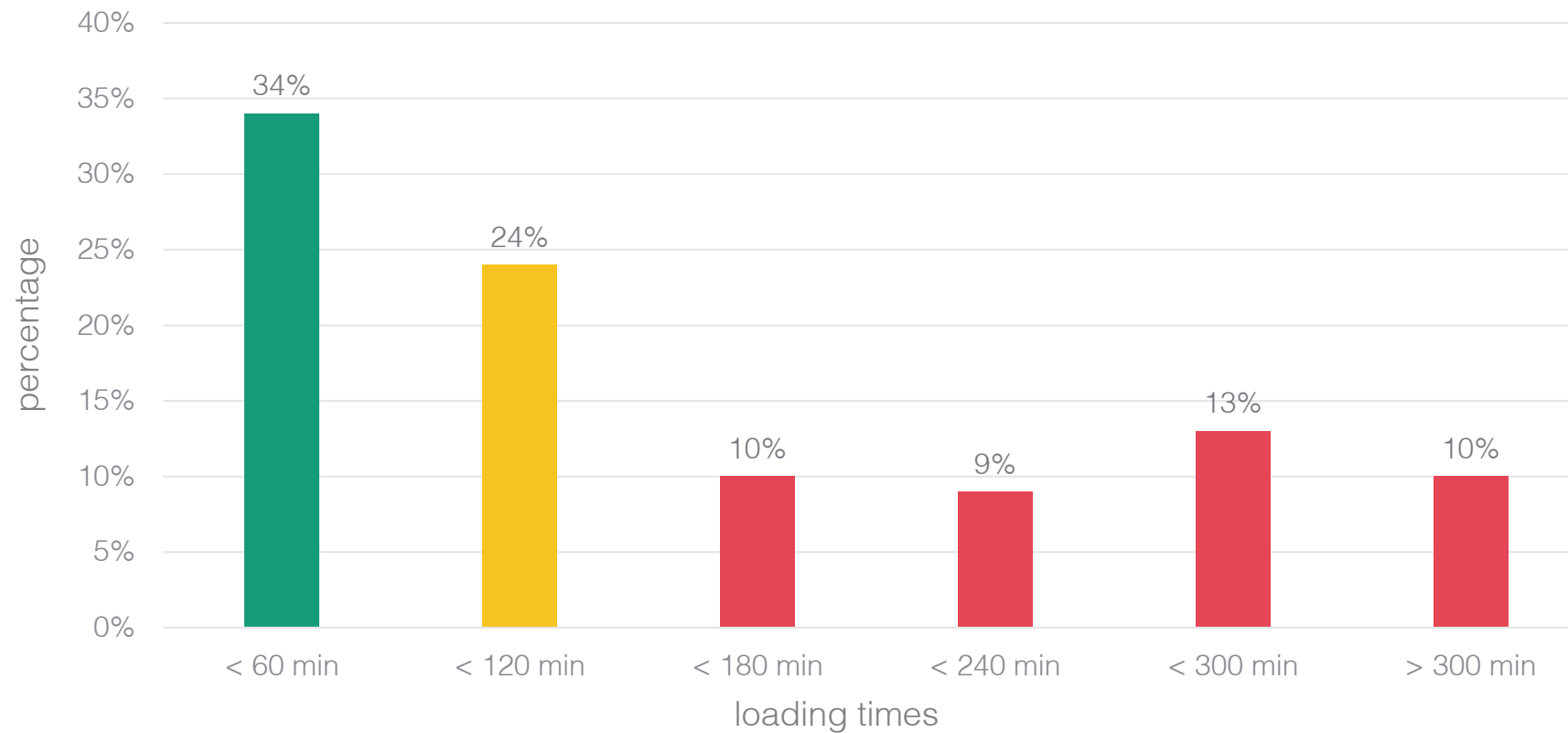
Fancy  
online calendar

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

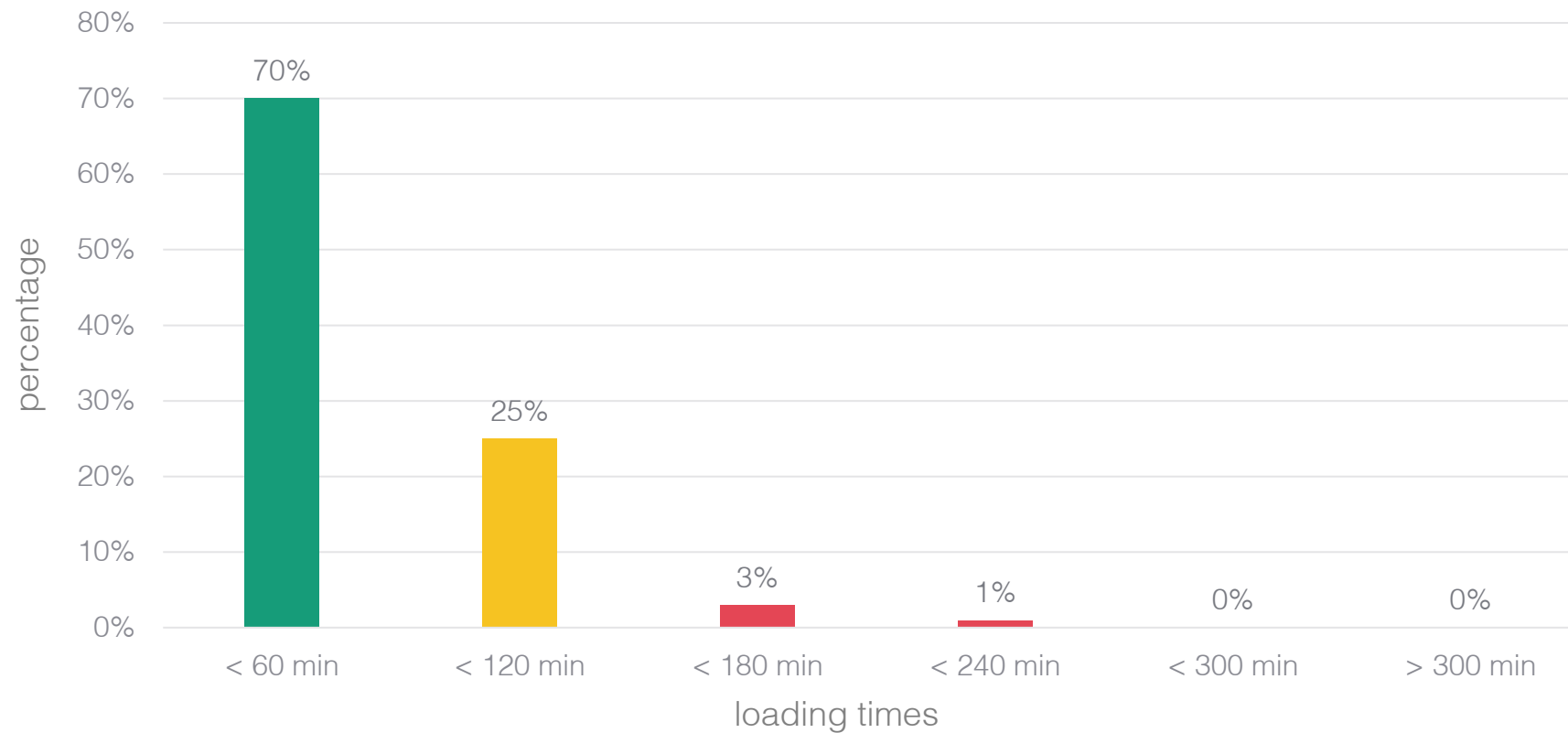
Loading time in customer plant without Time Slot Management





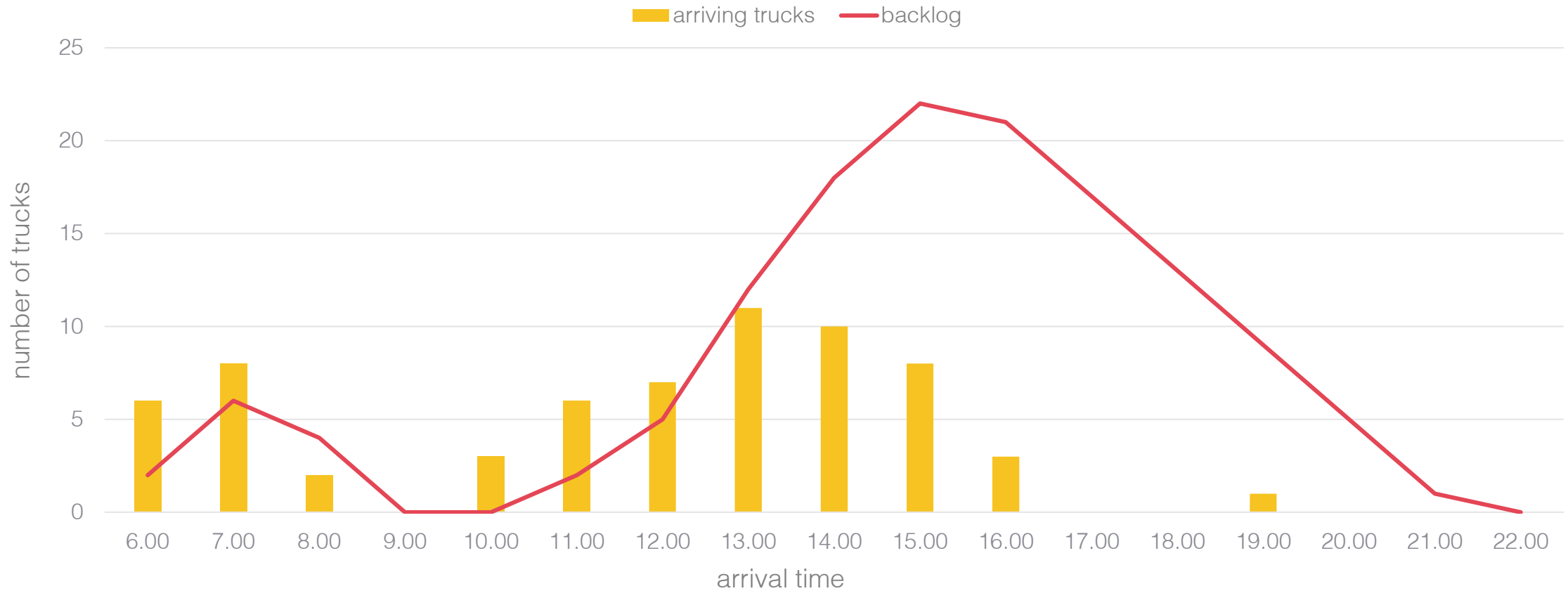
# Current situation (with Transporeon TSM)

## Loading time in factory with Time Slot Management



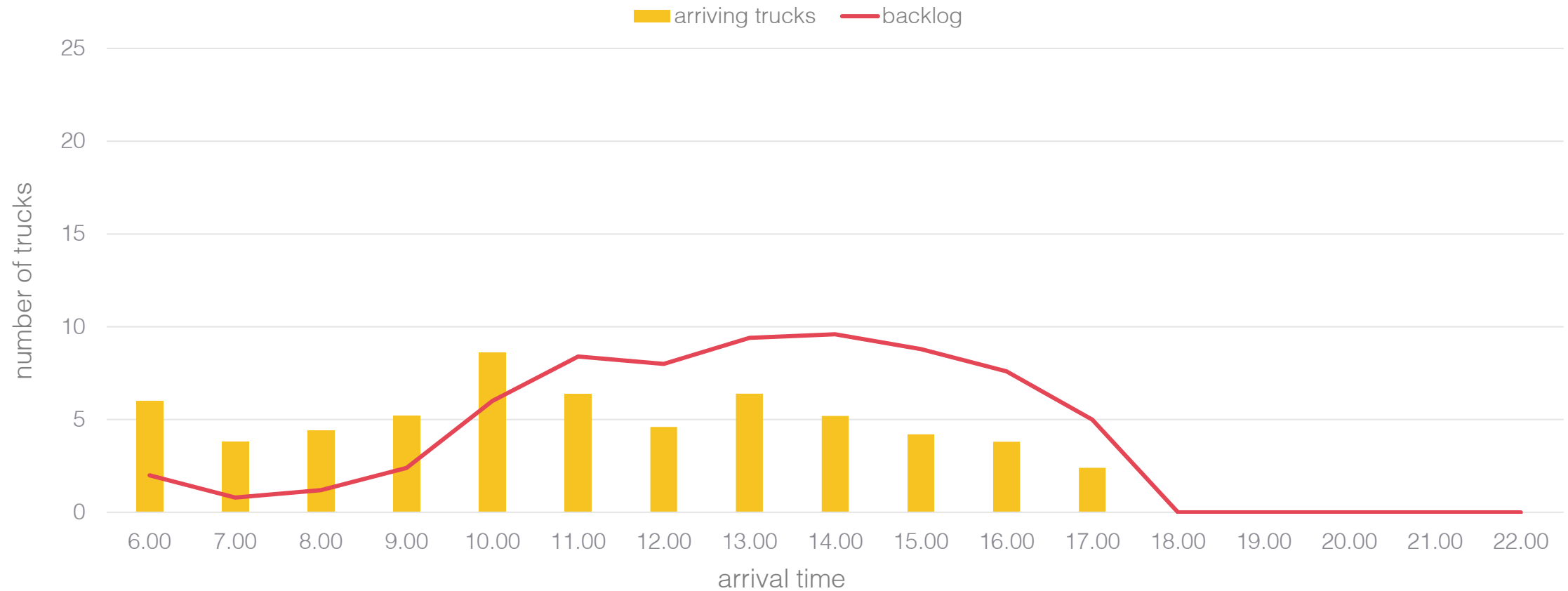
# Starting situation (without Time Slot Management)

## Loading capacity



# Current situation (with Transporeon TSM)

## Loading capacity



# Benefits

Take control of your shipping yard



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 distributions 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



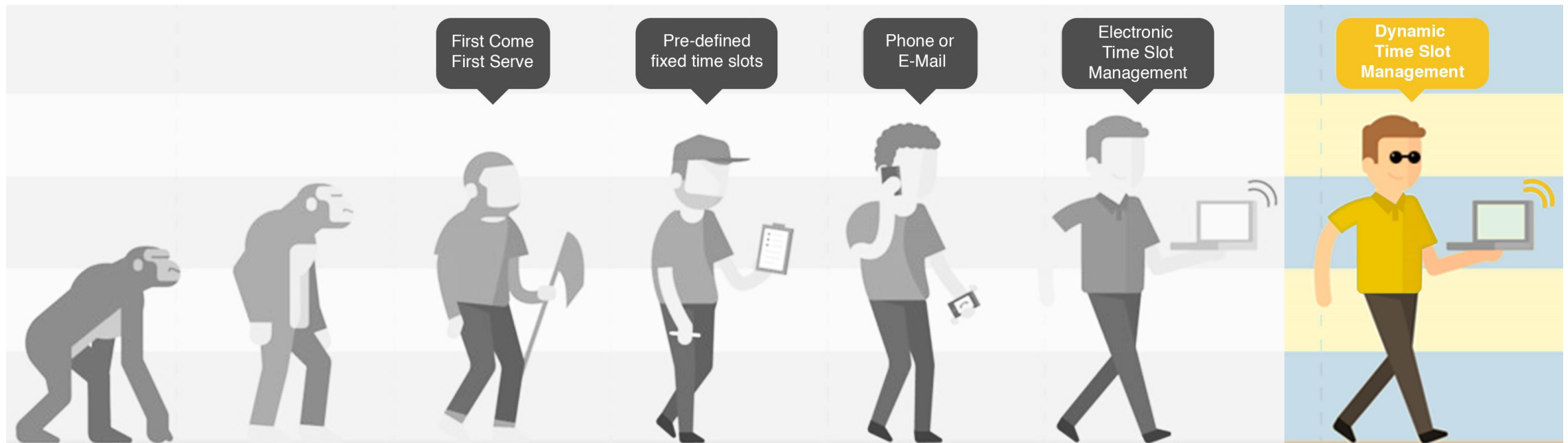
Increased loading performance by up to 20%

# Next step: use the power of the network



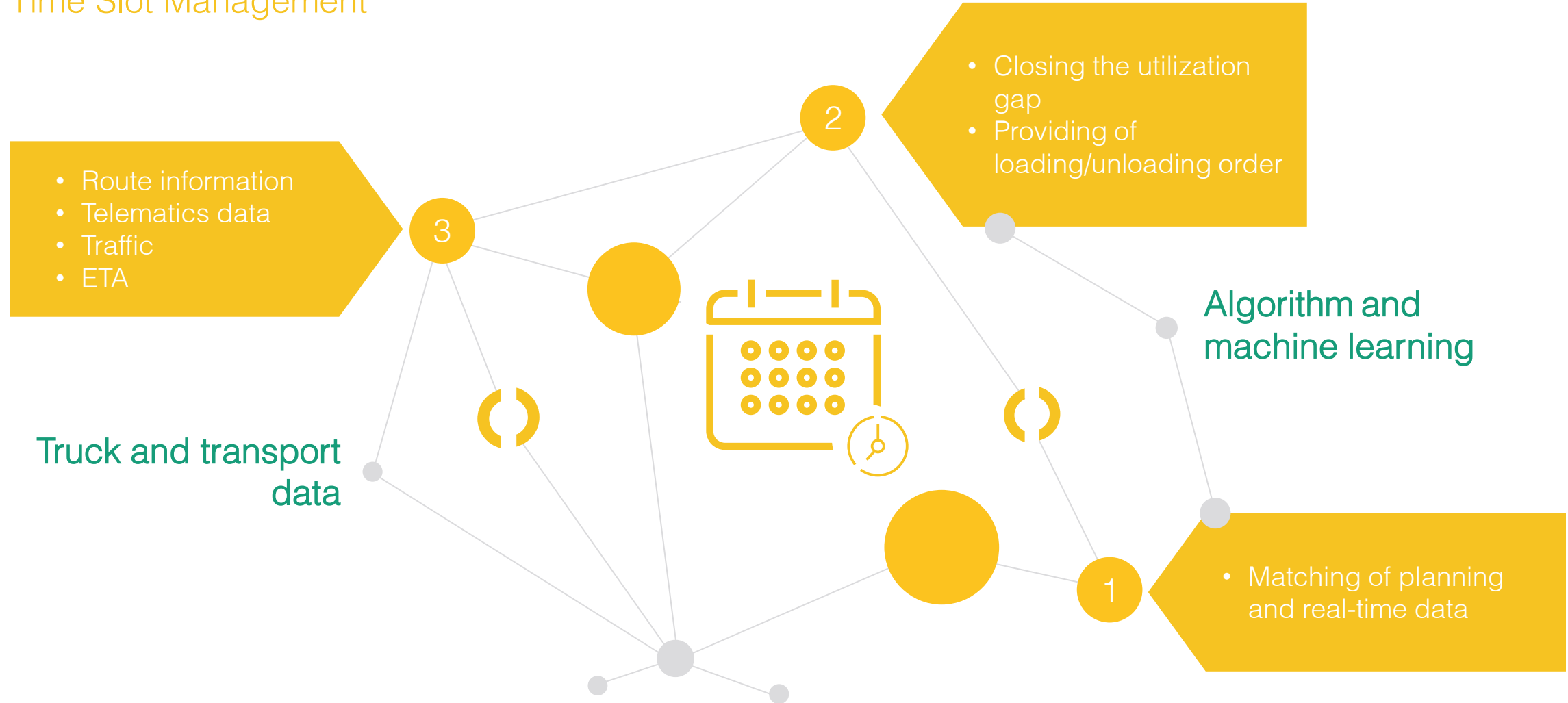


# The Evolution of Dock Scheduling

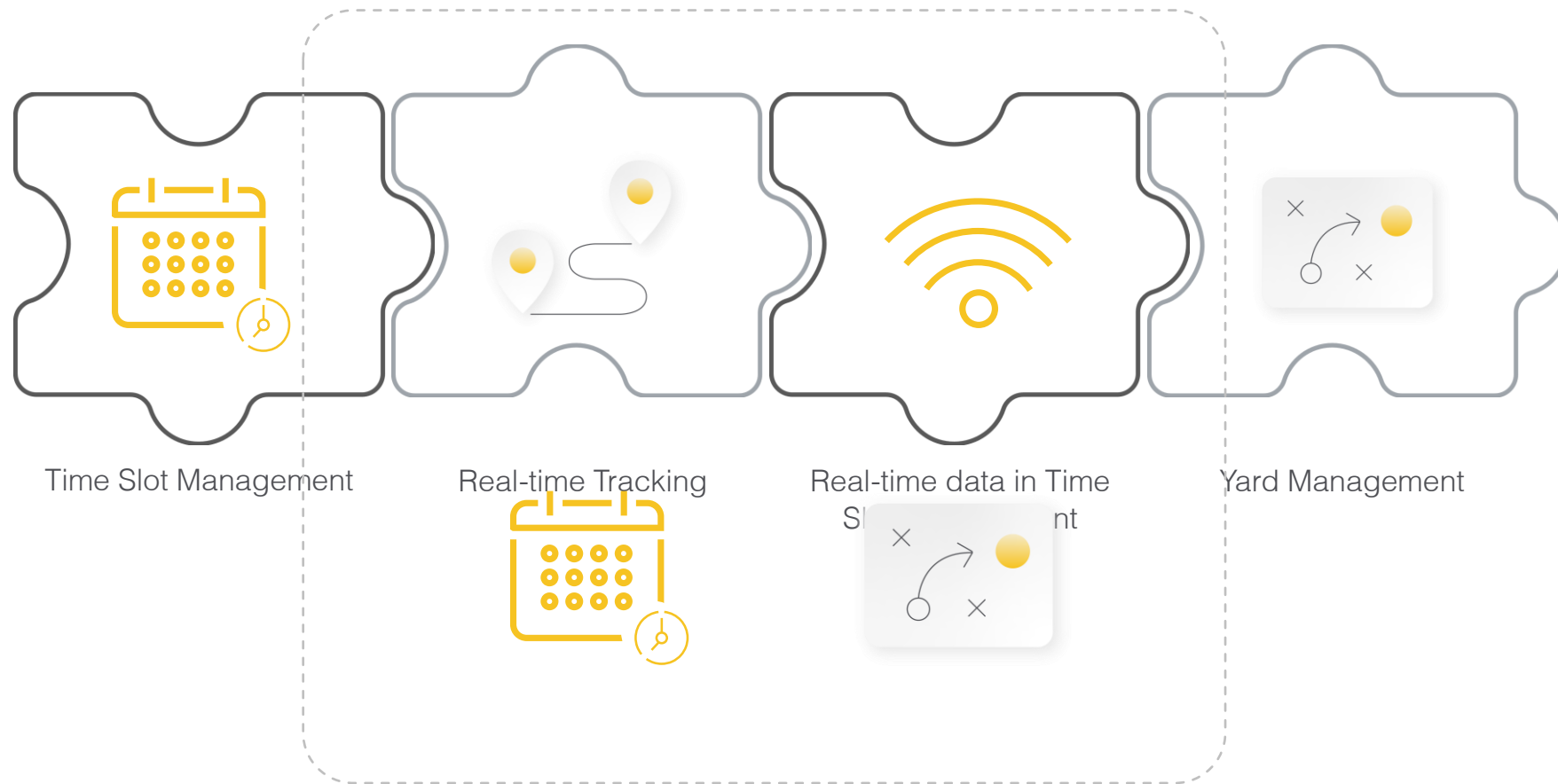


# 3 Components dynamic

## Time Slot Management



# Next step: intelligent system

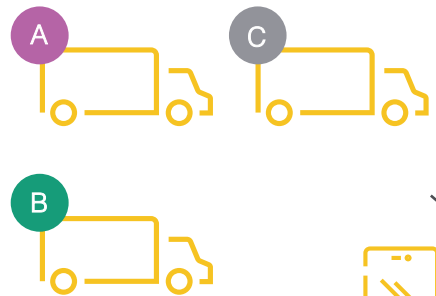


# The »Drive Through« approach

Replan on the go

DOCK SCHEDULING | PLAN

|        | 14:00 | 15:00 | 16:00 |
|--------|-------|-------|-------|
| GATE 1 | █     |       |       |
| GATE 2 |       |       | █     |
| GATE 3 |       | █     |       |



~~NEW DATA!~~  
16:00



TO-DO

GO TO GATE 3  
RECEIVE UNITS  
UNLOAD AT GATE 1

PLEASE  
DRIVE TO  
GATE 3

WAREHOUSE | ACTUAL

|        | 14:00 | 15:00 | 16:00 |
|--------|-------|-------|-------|
| GATE 1 | ✓     |       |       |
| GATE 2 |       |       | ✓     |
| GATE 3 |       | █     | ✓     |

# Benefits

## Time Slot Management



Interactive real-time comparison of planning and actual status



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

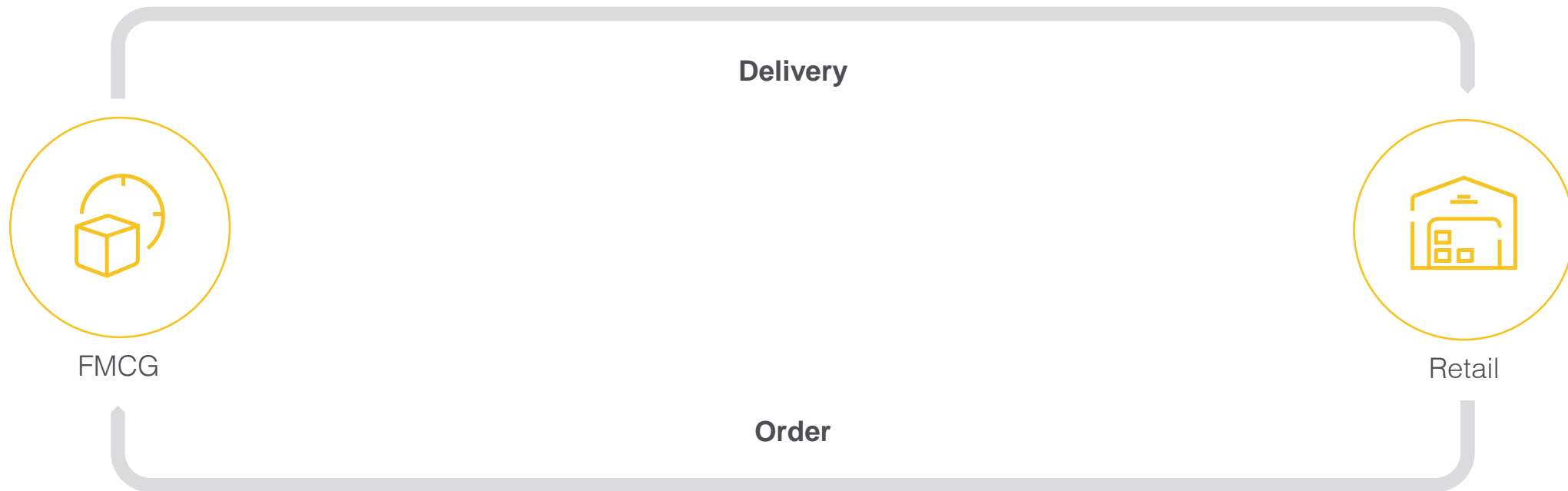


Inbound and outbound management already starts before the arrival

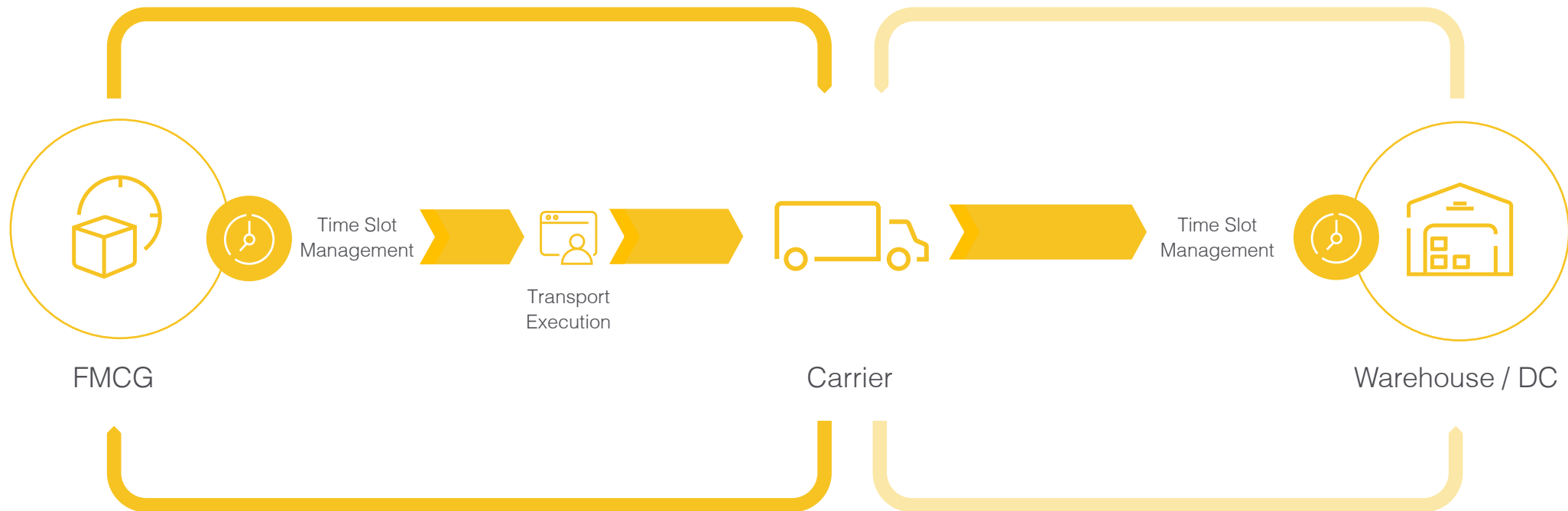




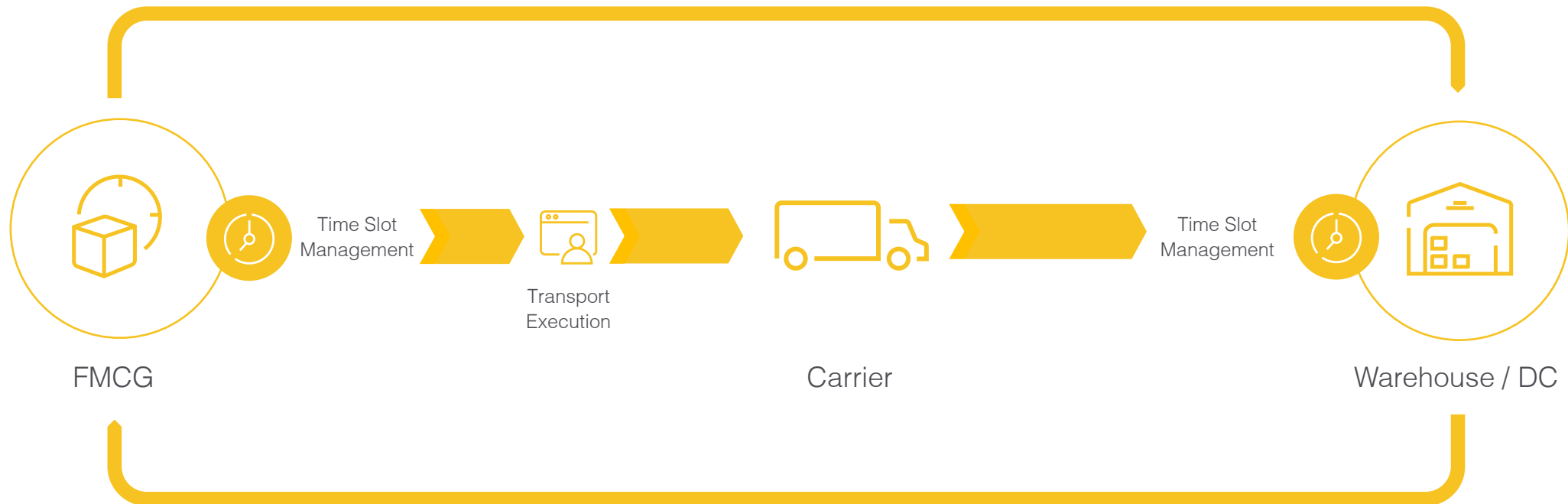
# Retail: order process inbound flows



# Order process ≠ Transport process



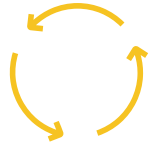
# Supply chain sync provides door-to-door visibility



# Supply Chain Sync

What's the gain? Who benefits?

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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

