



Find & Order

ROI-driven optimisation for logistics operations

-

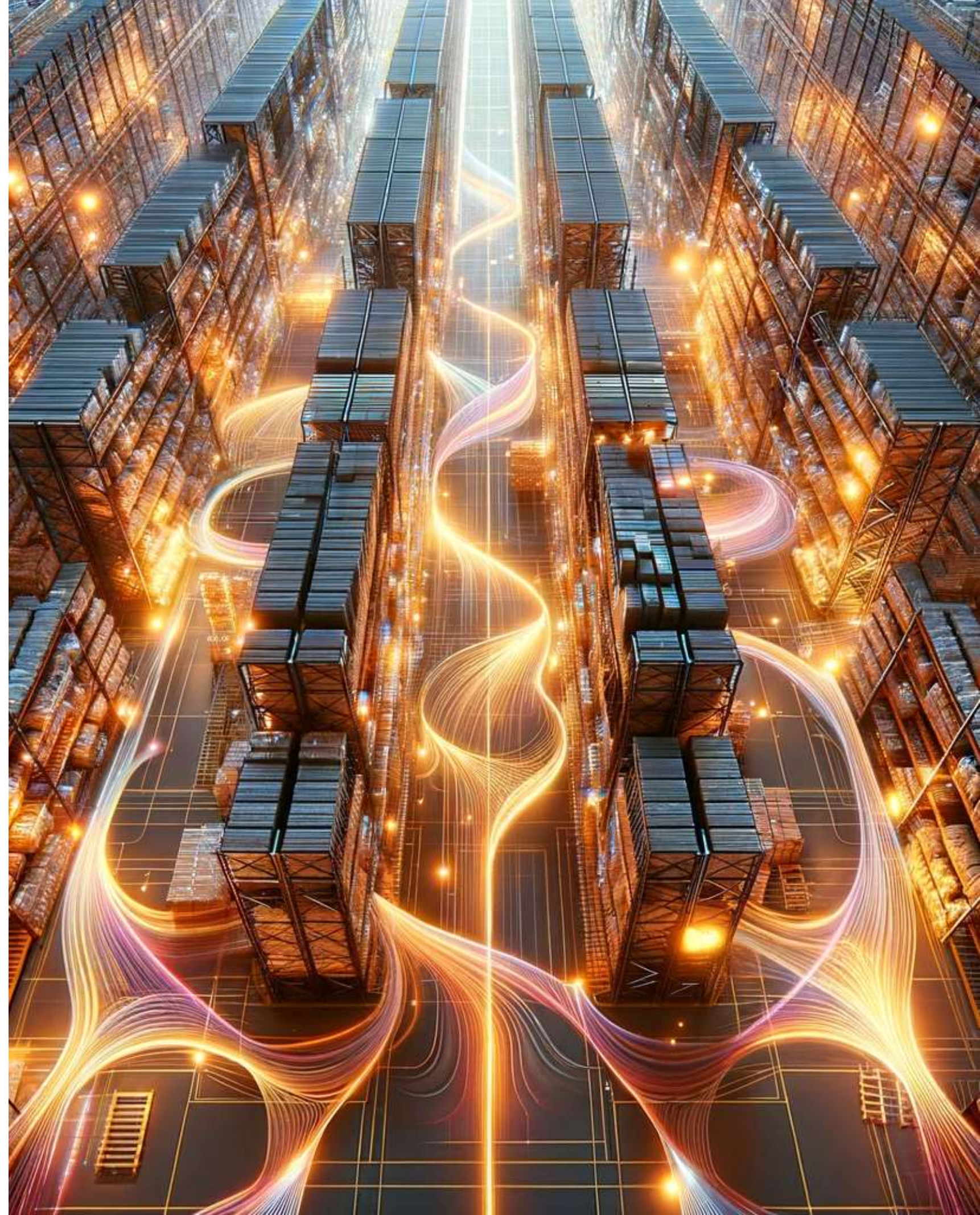
Picking optimisation

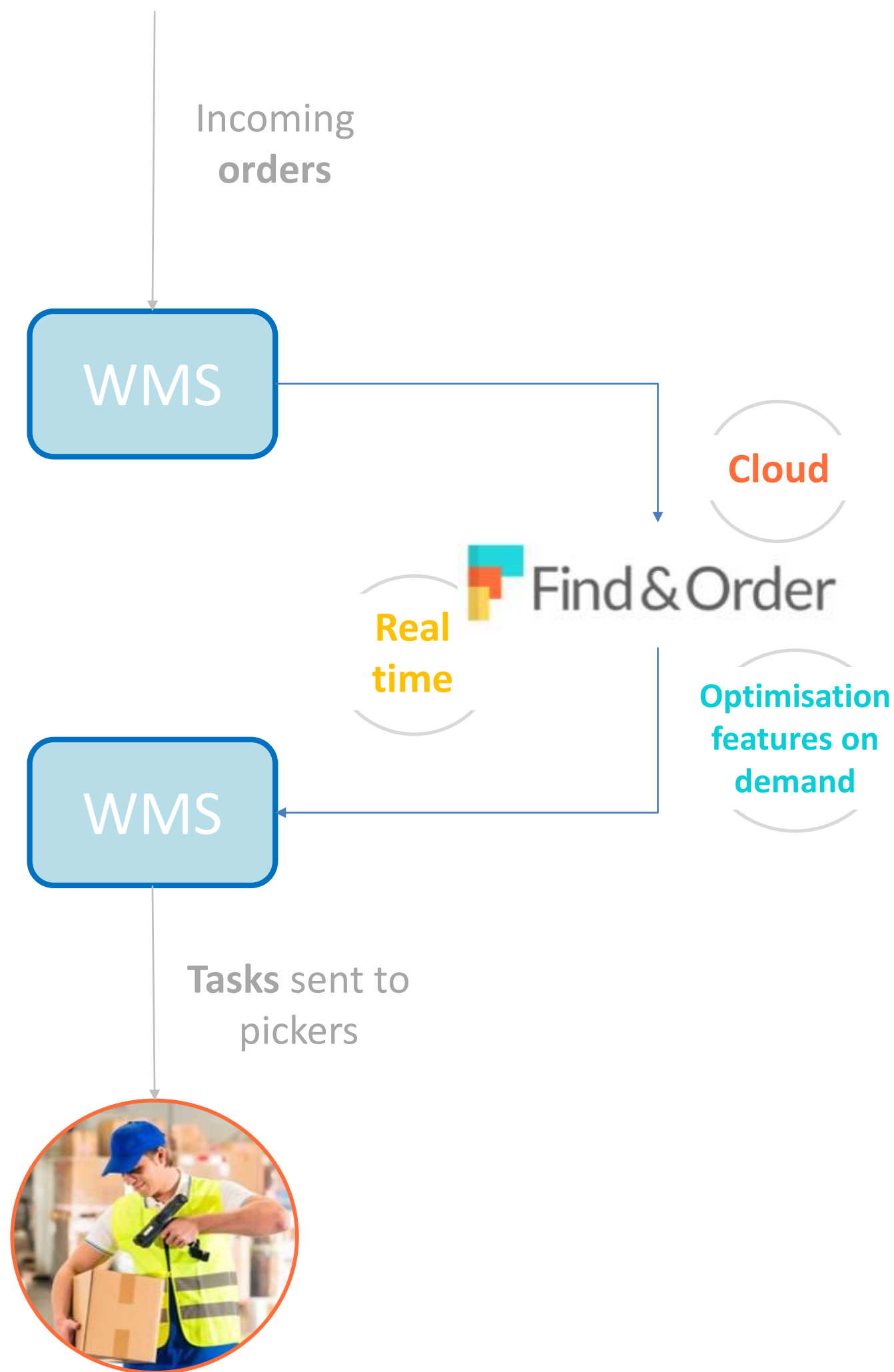
A solution available on Microsoft
AppSource and SAP partner platform



Warehouse and store
softwares **organise**
tasks.

They **do not** **optimise**
them though.





Boost your WMS, OMS, ERP
by reducing by **50% the
distance** covered by pickers
and deal with **more
products and orders** with
the same resources

A smart **middleware** on top of your existing WMS, ERP, OMS.

Goal

- > To increase your **picking capacity**

Optimisation features on demand

- **Picking mission**: the best way to batch containers
- **Picking Routes** : the shortest route for every mission
- **Picking mission scheduling** : reduce trips out of charge
- **Slotting** : the best location for every SKU

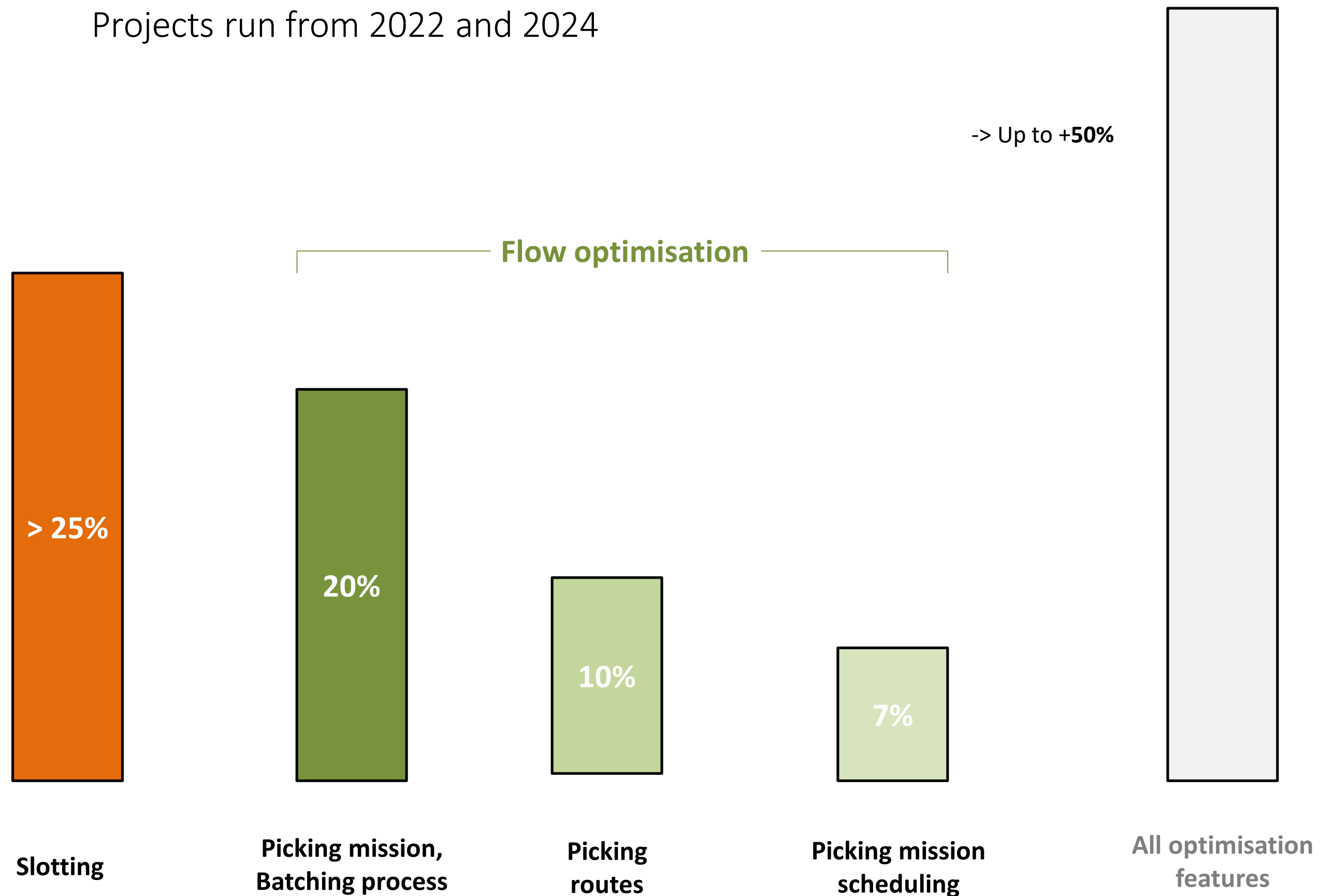
KPI

- **Distance saved**: from **+10 %** to **+50 %**
- **Picks per hour**: from **+10%** to **+40%**
- **Picking hours** : from **-5%** to **-30%**



Average distance optimisation by leverage

Projects run from 2022 and 2024



Among our clients

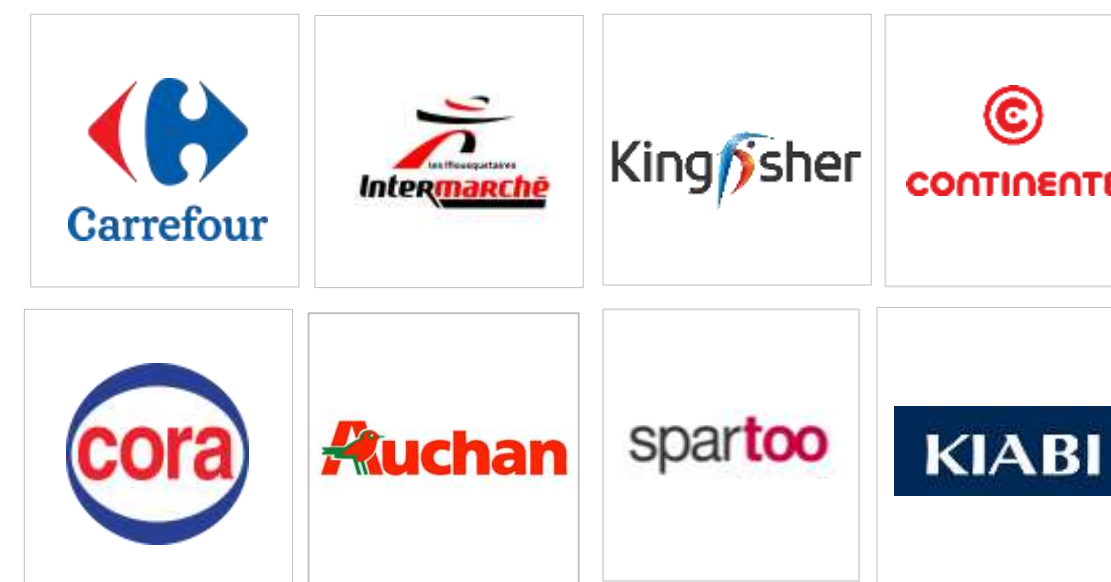
They have tested or implemented



Logistics players : 3PL



Retail + e-commerce



Picking improvements

1st leverage: order batching

Use case: picking mission with at least 2 palettes or boxes to batch

Goal : to save distance by batching together the palettes/orders with close SKU

Operations rules: batching by area, time slot, truck platform, with a maximum of orders/products...

SITE 1

CHUNK_2023-09-08.CSV

08/09/2023

DASHBOARD

CUSTOMER DATA

PICK LIST

ORDER BATCHING

FINAL RESULT

FR

UK

ES

IT

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2.0

CUSTOMER BATCHING (649)

Search

REF. MISSION	NB. SUPPORT
> 28746405	1
> 28748788	29
▼ 28748892	6
7307046259 7307046256 7307046260 7307046261 7307046257 7307046258	
> 28749912	27
> 28750808	6
> 28750846	12
> 28750849	12
> 28750854	9
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> 28750857	30
> 28750858	30
> 28750859	15
> 28750860	20
> 28751795	2
> 28751796	12
> 28751797	12
> 28751798	9
> 28751799	12
> 28751801	4
> 28751814	12
> 28751815	12

F&O BATCHING FOR 28748892

Search

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7307213955 7307213960 7307213959 7307213916 7307046256 7307036687	
▼ 314	20

Picking improvements

2nd leverage: the shortest routes

Use case : missions with at least 10 SKU to pick, warehouse/store with at least 6/8 pickers

Goal : to save distance with the shortest route for each mission

Operations rules: multiple starting/ending points, traffic rules, priorities, mandatory stops at printers...


Arthur Guelton
Mode Admin

02/10/2024

DASHBOARD

PICKING IMPROVEMENTS

CLIENT DATA

ORDER BATCHING BY CLIENT + ROUTES BY F&O

ORDER BATCHING BY F&O + ROUTES BY CLIENT

BATCHING OPTIMIZATION WITH CUSTOMER PATHS

ORDER BATCHING BY F&O + ROUTES BY F&O

HEAT MAP

PICKING

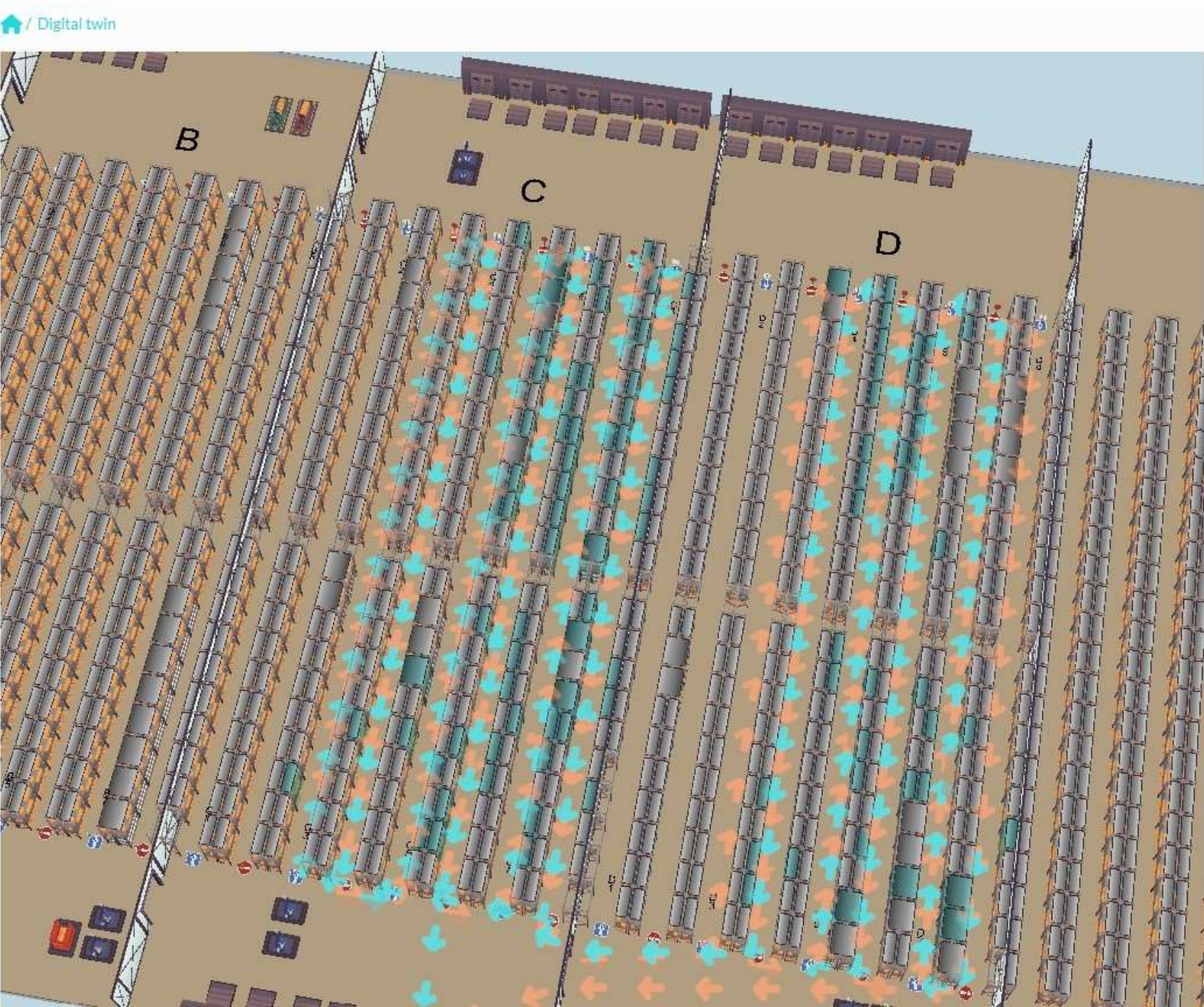
BATCHING






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Version 2.0



114151810

130 Products

14.01% Benefit

114151810

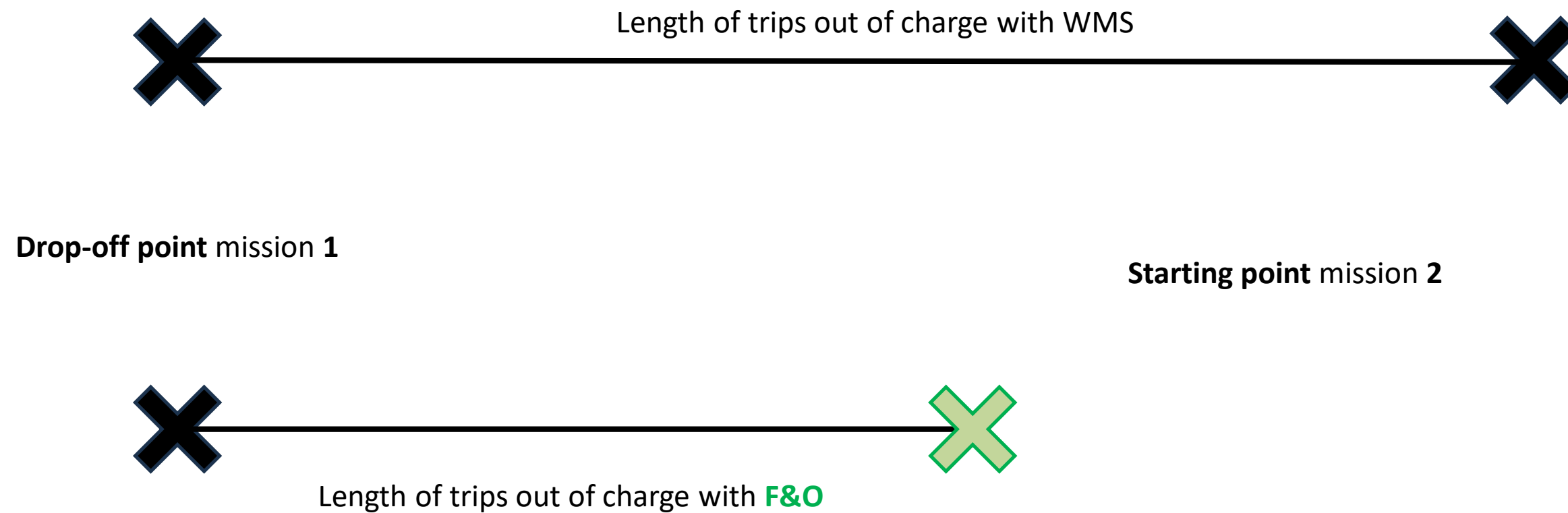
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5	C-005-0761		D-007-1135	
6	C-005-0775		D-007-1147	
7	C-005-0826		D-007-1148	
8	C-005-0869		D-007-1154	
9	C-005-0880		D-007-1264	
10	C-005-0888		D-006-0926	
11	C-005-0890		D-006-0931	
12	C-005-0902		D-006-0945	
13	C-005-0907		D-006-0955	
14	C-006-0926		D-006-0957	
15	C-006-0947		D-006-0963	
16	C-006-0955		D-006-0984	
17	C-006-0954		D-006-1024	
18	C-006-0966		D-006-1052	
19	C-006-0971		D-006-1063	
20	C-006-0970		D-006-1083	

Picking improvements

3rd leverage : mission scheduling

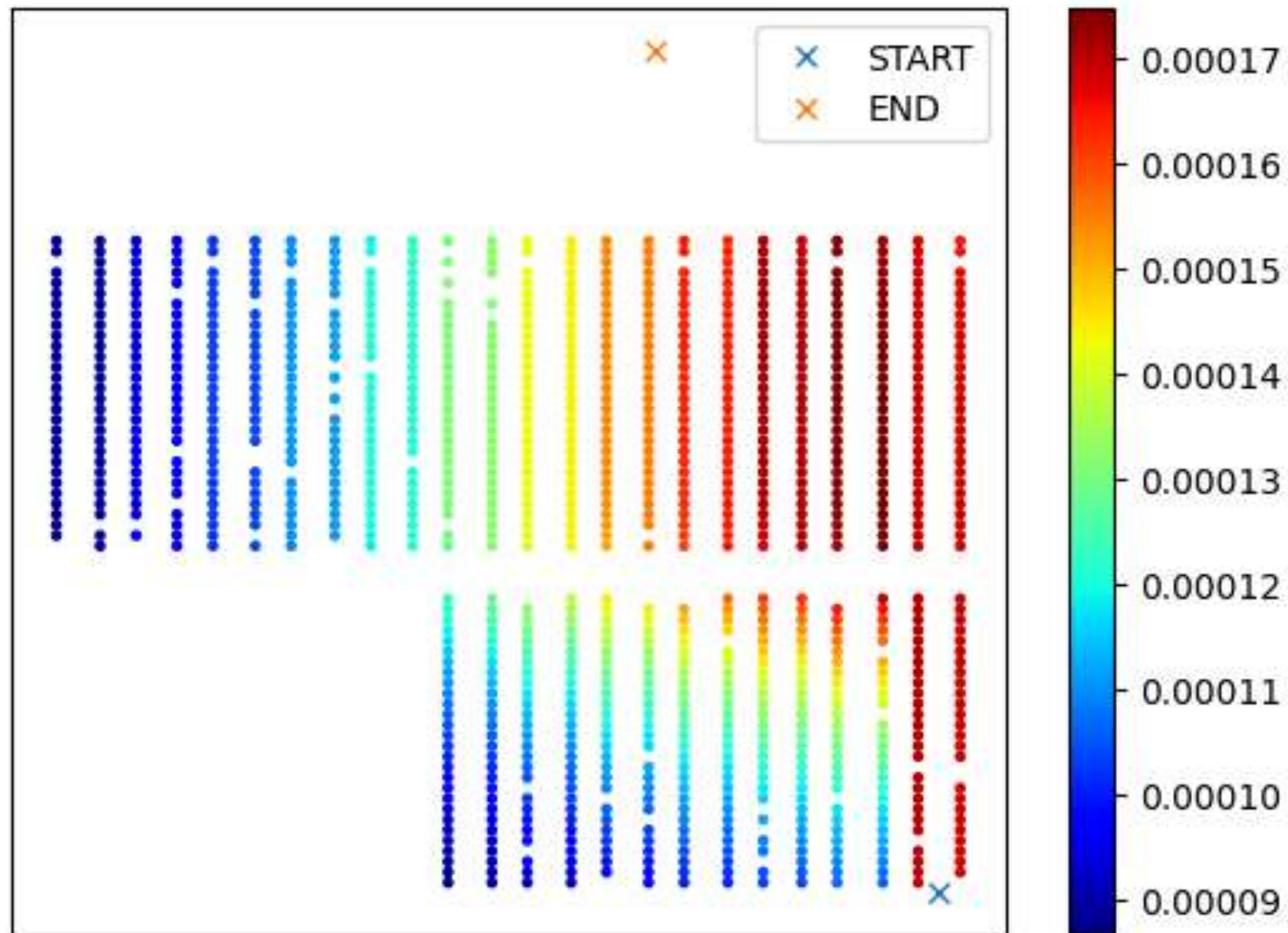
Goal : to reduce trips out of charge by allocating missions that start close the drop-off point of the previous ones

Operation rules: location of available palettes, areas and paths, cut-off...



Slotting improvements

4th leverage: the best implantation for your activity



Use case : warehouses with regular change in products and implantation

Goal : to define the best implantation in order to optimize picking operations, replenishment and occupation rate

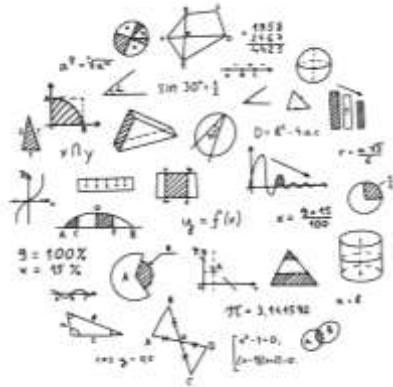
Competitive advantage of the solution:

Slotting by slot and not by areas.

Every slot has a unique and evolving rating

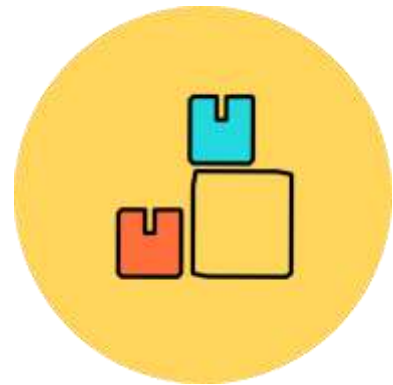
How does it work ?

Our software solution



An add-on software to augment WMS, ERP and OMS

- > our clients keep their existing solutions
- > our calculation layer comes on top of them



A digital twin + strong algorithms

- > 3D Digital twin = interactive mapping with accurate and up-to-date distance calculation
- > Flow algorithms = the most optimised scenarios whatever the rules you apply
- > Automated updates of locations, areas, and priorities through the WMS



Your WMS already does it ?

- > Whatever the WMS, we **ALWAYS** increase efficiency for distance-related tasks
- > We can upgrade all your API-based WMS with a SINGLE solution

Business Case Example

Case study with a 3PL in Singapore :

Scope

2 500 m² picking area

10-30 pickers over the year

2 300 000 picks

WMS : Manhattan Associates

Results

Distance saved : -18,8%



How to work with us ?

3 steps

1. integration-free pilote

1 month

One-off payment

Goal

To assess quickly the potential of our optimisations applied to your scope

Data required

- History of orders
- Floorplan at scale

Persona = operations

-> **NO technical integration**

2. Pilote with IT integration

3-6 months

One-off payment

Goal

To test our solution in real time and to assess the productivity increase

2 options

- Through csv files
- Through API integration

Persona = operations + IT

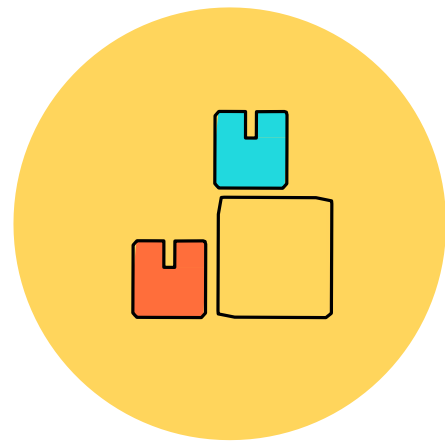
3. Roll out

Yearly contract

Performance-based yearly license

How to work with us ?

Focus on Step 1 : **integration-free pilote**



1. History of orders

Excel file

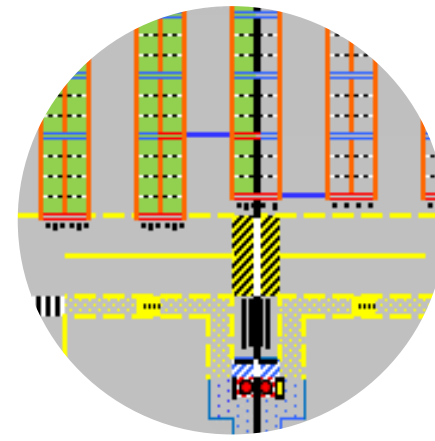
Dates,
Mission ID,
Palettes ID,
Location codes,
picker ID
...



2. Floor plan

PDF file at scale

walls,
Aisles,
Racks,
gates
...



3. Implantation scheme

Excel file

Location codes,
Aisles numbers,
ways,
Location of equipments,
Starting/ending points



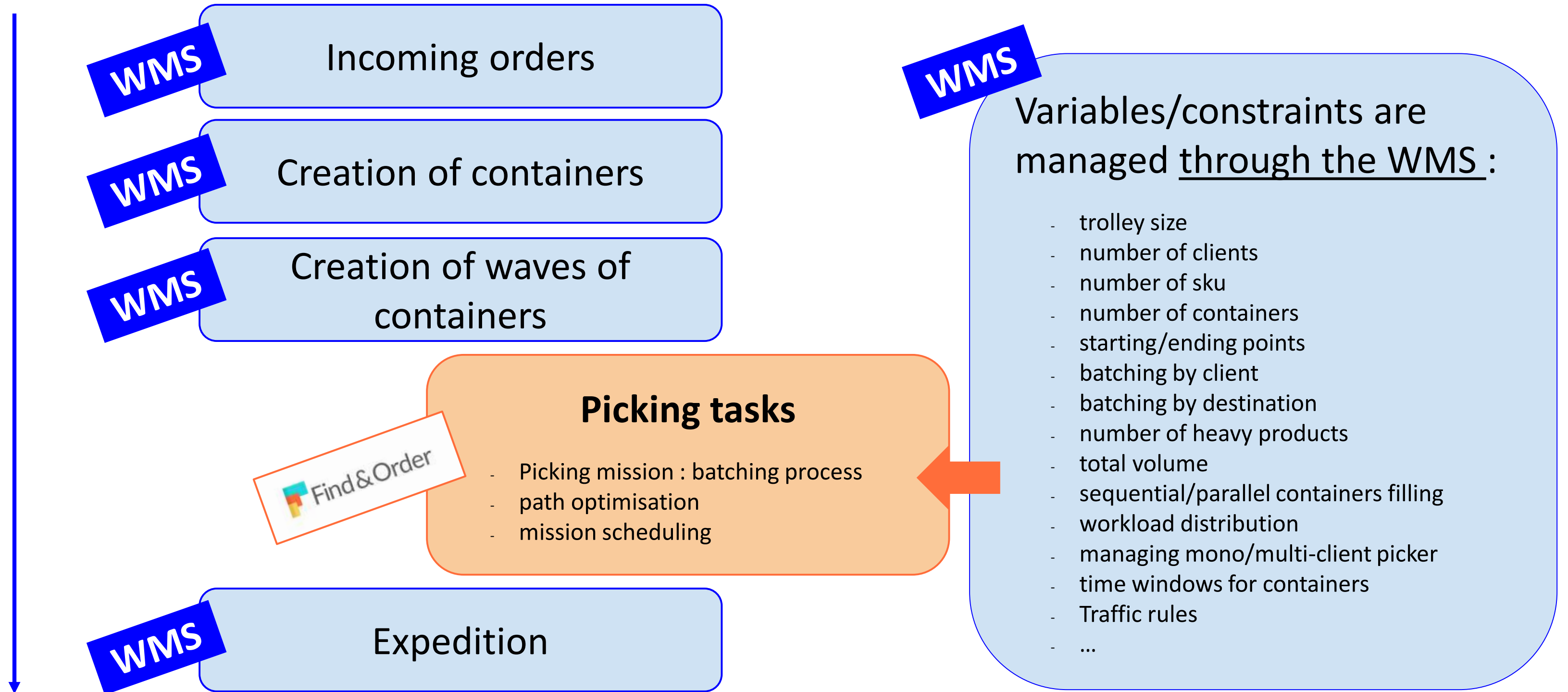
4. Operations rules

1 call with operations

Picking rules,
Traffic rules,
priorities,
Pick paths,
...

How to work with us ?

Focus on Step 2 : Where **Find & Order** stands in the **WMS process**





Contact :

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