Find & Order

ROI-driven optimization for logistics operations
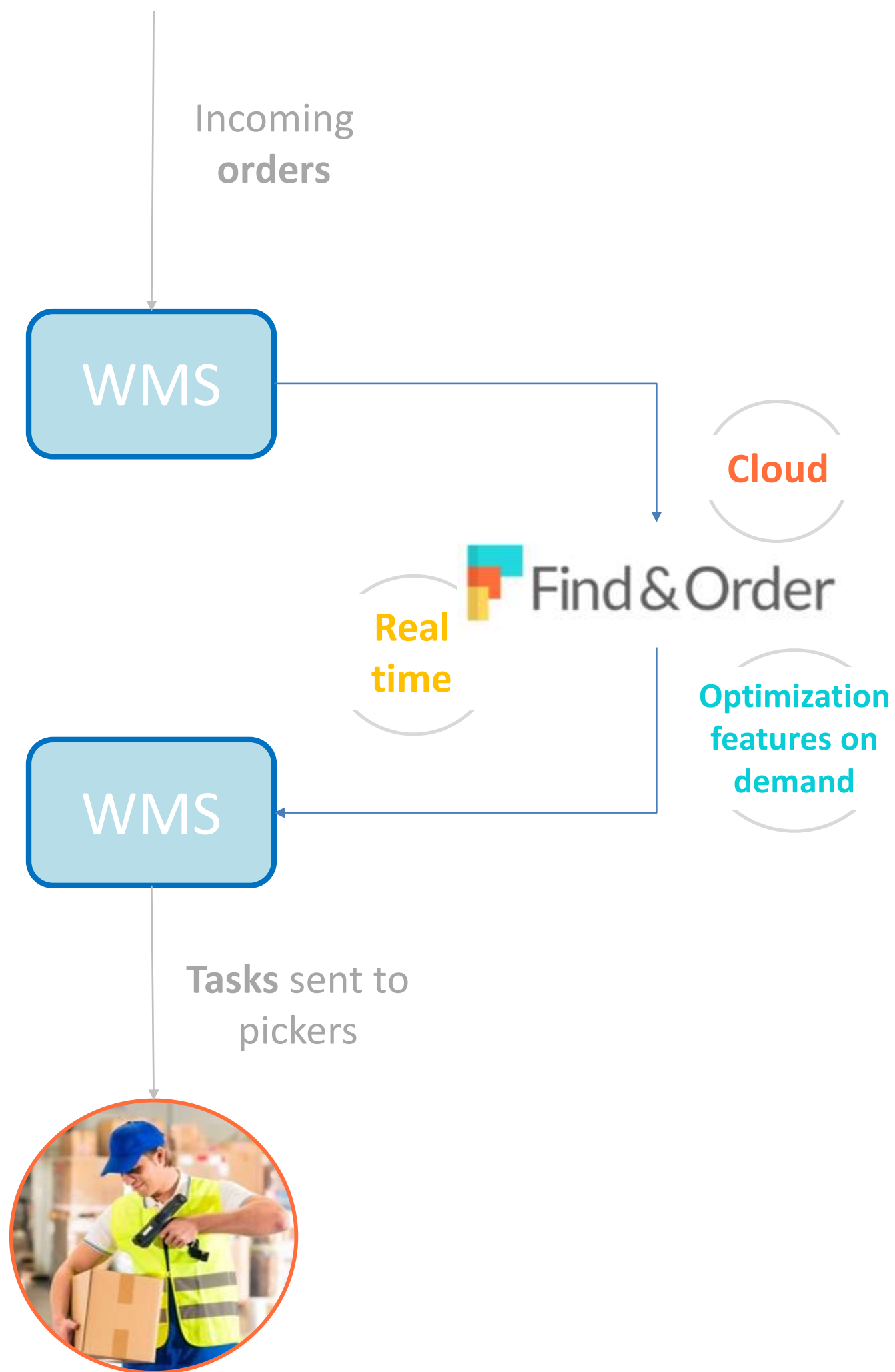
A solution available on
Microsoft AppSource

Microsoft

Your WMS and OMS organise your tasks.

They do not optimize them though.

Incoming **orders**

WMS

Cloud

Find & Order

Real time

Optimization features on demand

WMS

Tasks sent to pickers

Boost your WMS / OMS to optimize by up to 30% the distance covered by pickers

and deal with more products and orders with the same ressources

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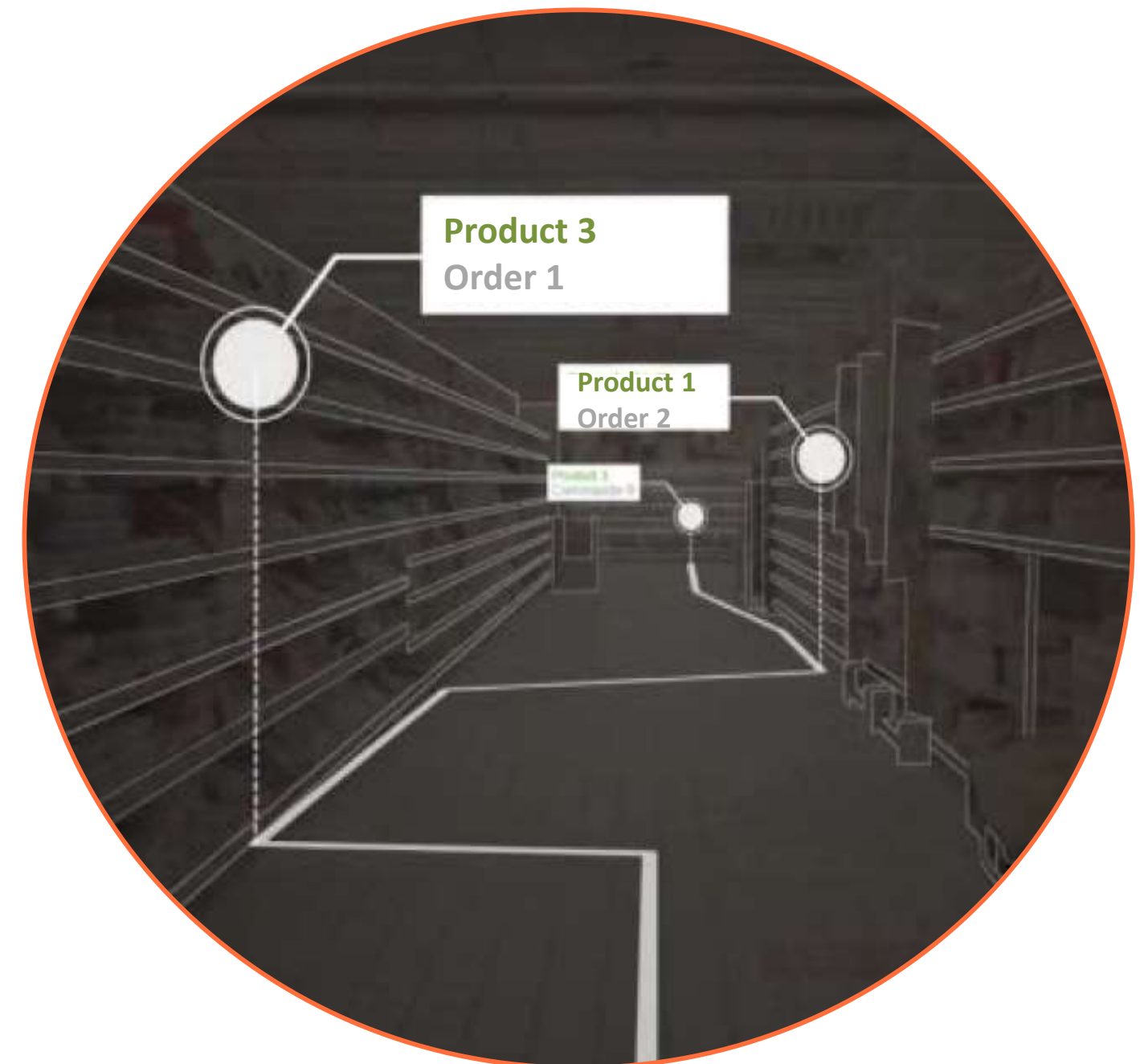# on top of your existing WMS, ERP, OMS.

Find & Order

Goal

> To increase your **picking capacity**

Optimization features on demand

> **Order batching** : the best way to group orders/palettes

> **Routes** : the shortest route for every mission

> **Slotting :** the best location for every SKU

KPI

> **Distance saved**: from **+8%** to **+30%**

> **Savings per year** : from **+5%** to **+20%**

Product 3
Order 1

Product 1
Order 2

Find&Order

Logistics operators : « 3PL »

Retailers

Picking improvements
1st leverage: order batching

Find&Order
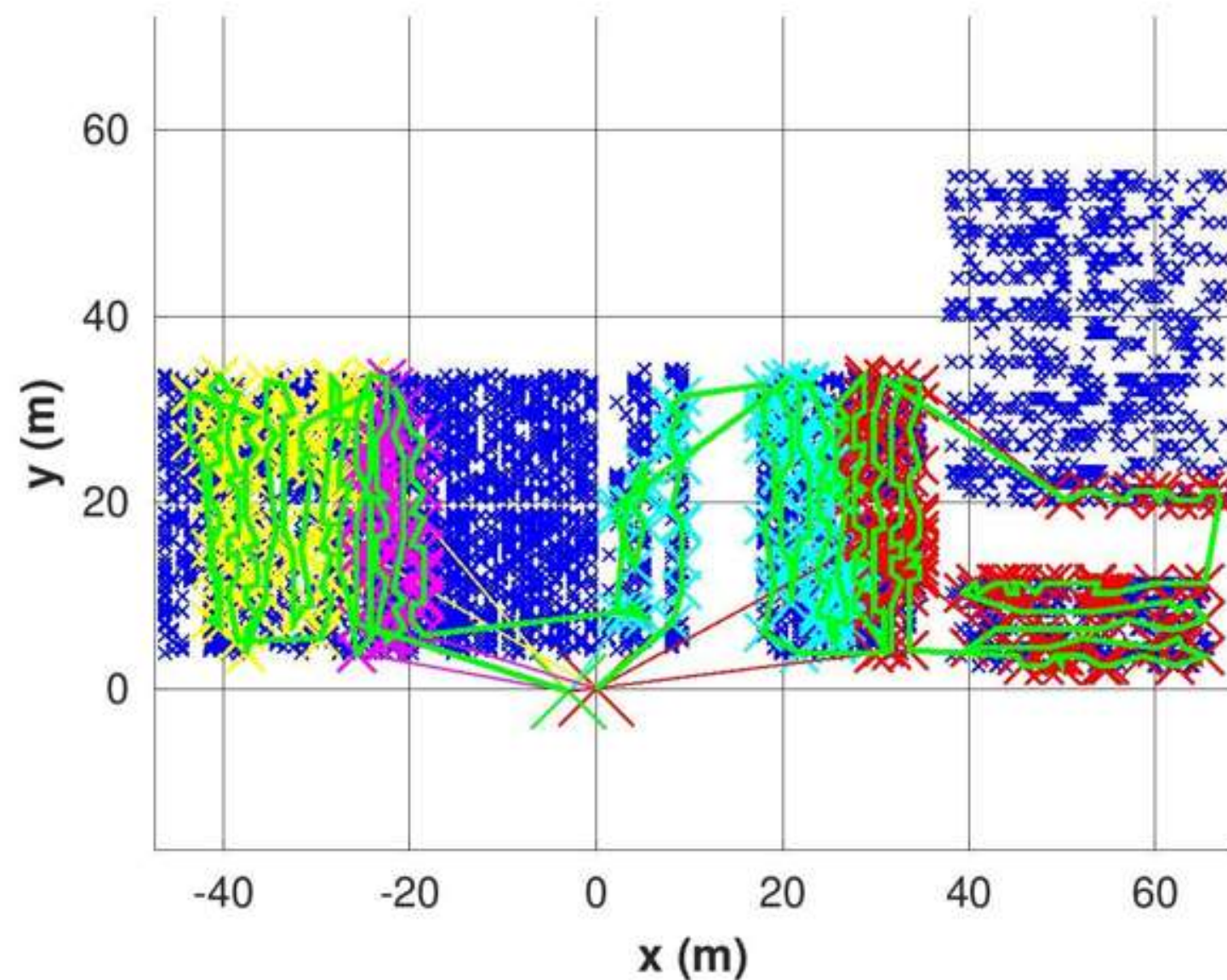
Use case: picking mission with at least 2 palettes or boxes
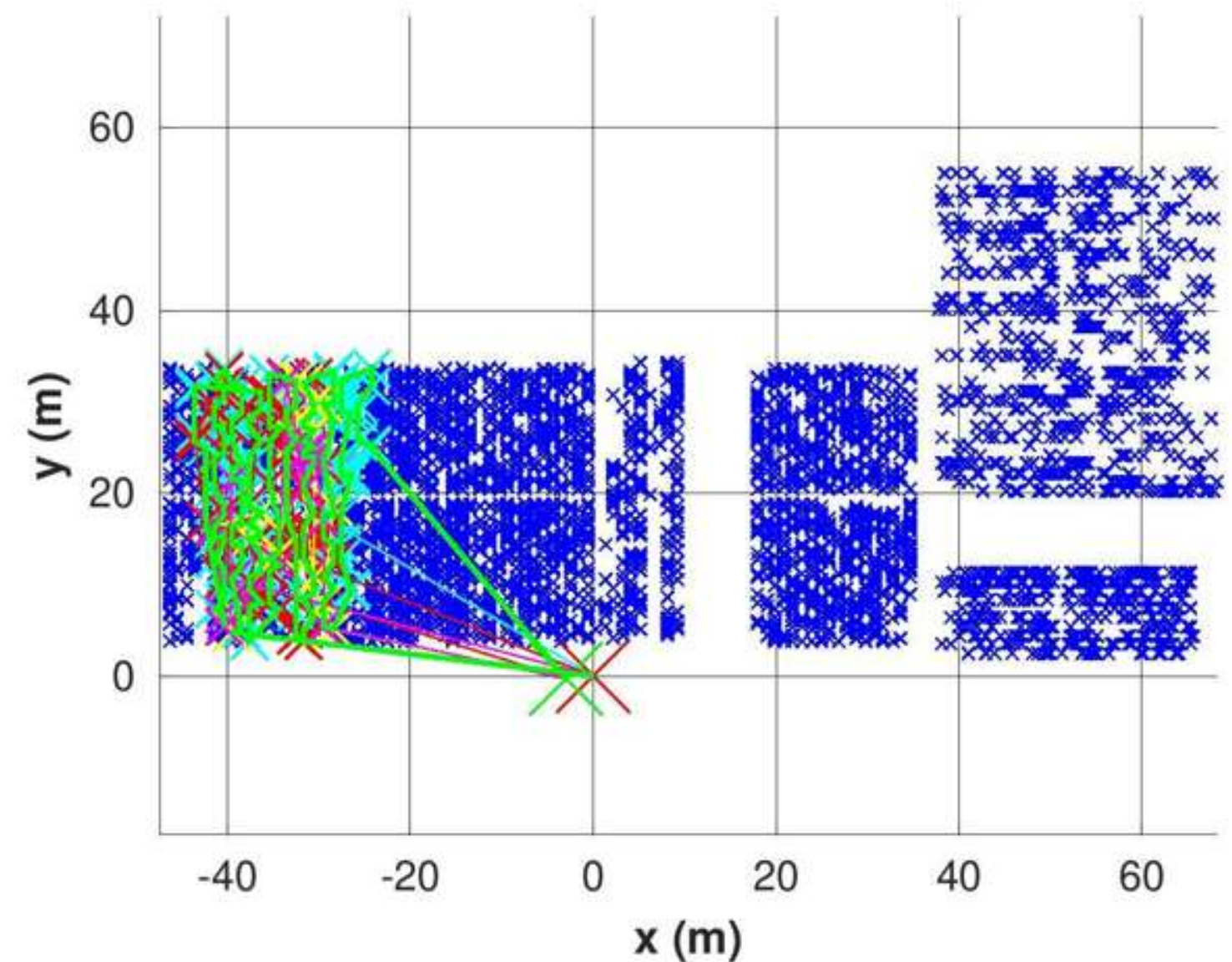
Goal : to save distance by batching together the palettes/orders that are geographically consistant

Operations rules: batching by areas, time slots, truck platform ...

WMS **without** Find & Order
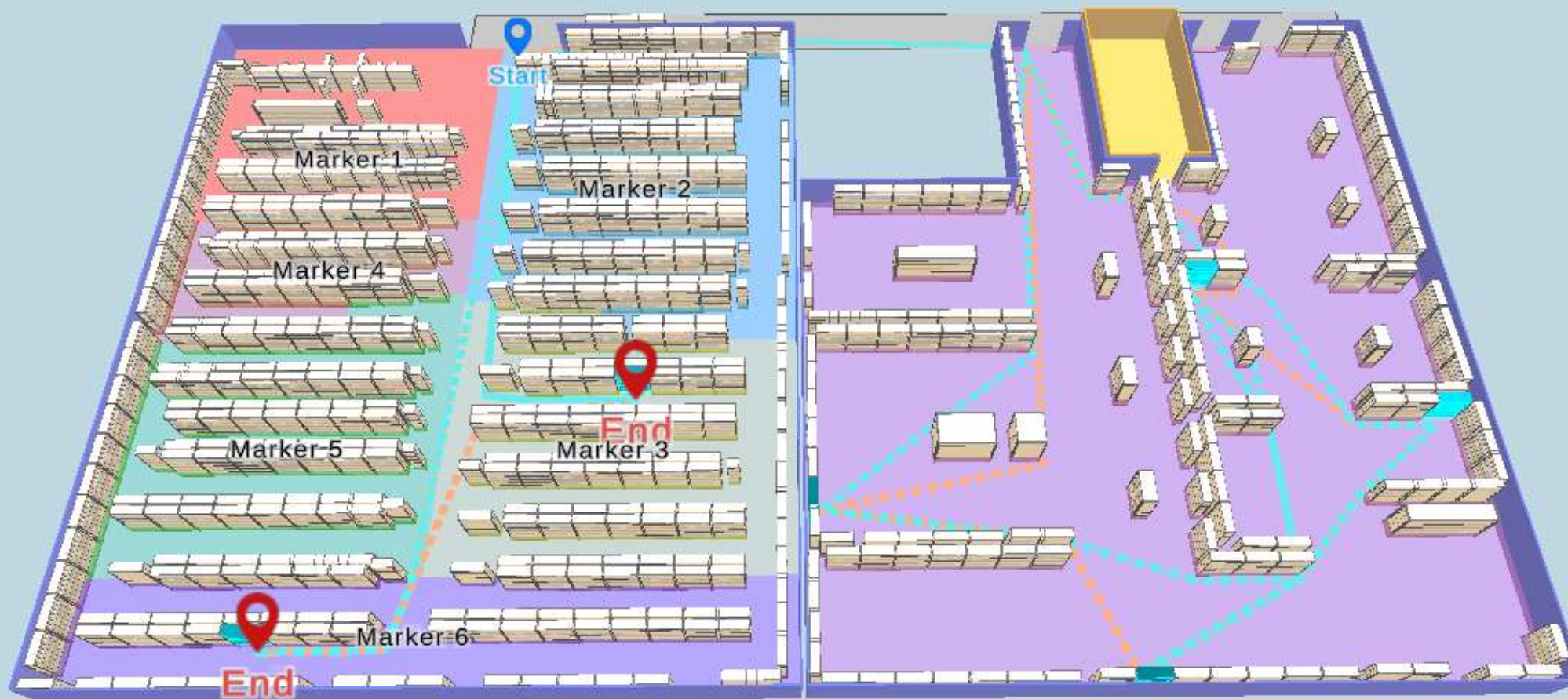
WMS **WITH** Find & Order

Picking improvements
2nd leverage: the shortest routes

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

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

Pick list

Search | Ref, picker ...
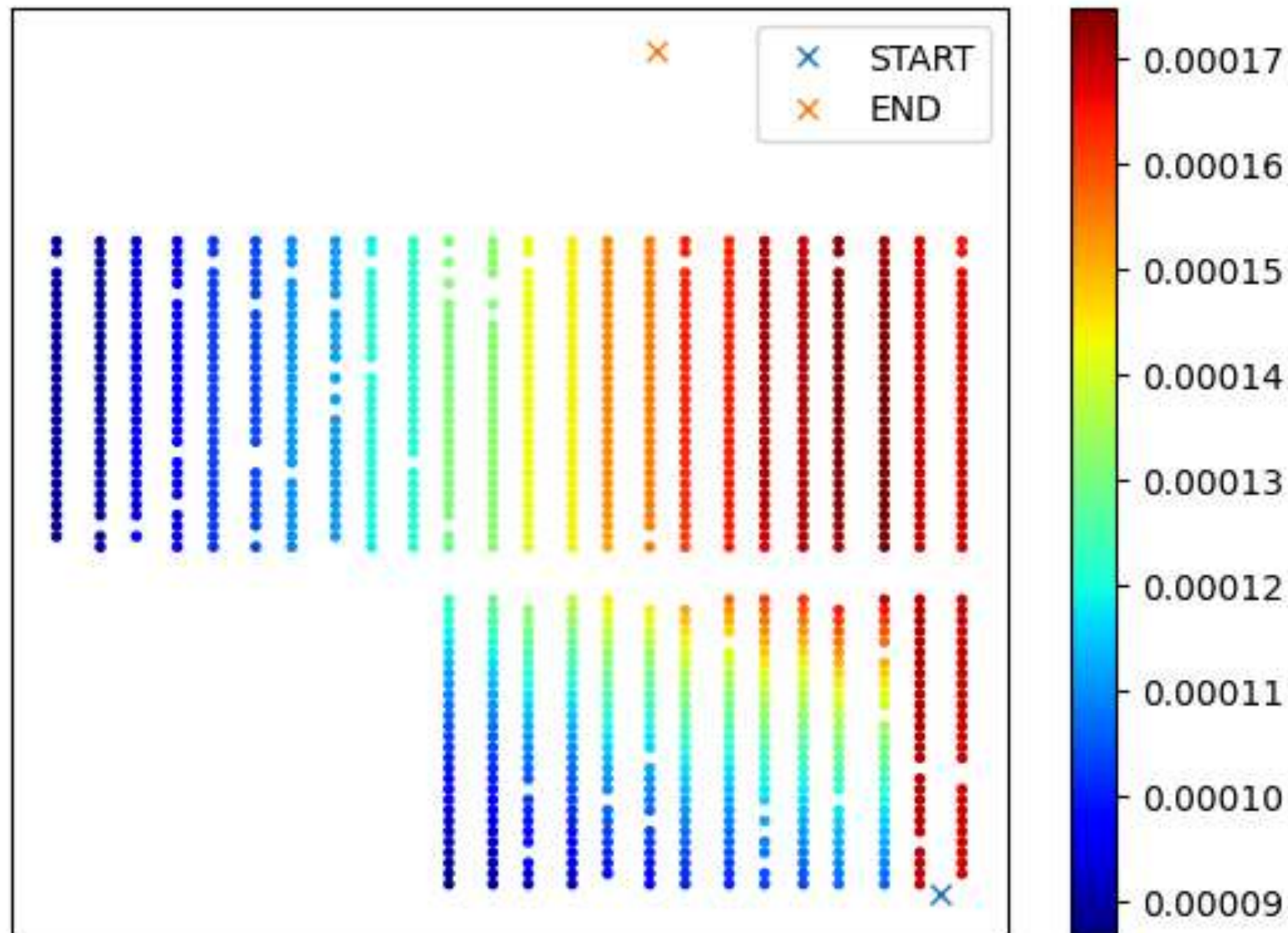
| From | 17/10/2023 | To | 27/10/2023 |

🏷 ORDER 1 👤 Antoine ▥ 6

| 🏷 ORDER 1 | | 👤 Antoine | | 📅 23/10/2023 02 |

#	☑ Initial		☑ Optimized	
	SKU	**Emplacement**	**SKU**	**Emplacement**
1	AD-250-QN	AD456	AD-998-OP	FH846
2	AZ-786-FD	FD565	AP-574-ES	FD985
3	AD-845-YU	AZ565	AD-250-QN	AD456
4	AP-574-ES	FD985	AD-845-YU	AZ565
5	AG-285-VD	KJ698	AZ-786-FD	FD565
6	AD-998-OP	FH846	AG-285-VD	KJ698
🏁	125 meters		98 meters	
%		21.6%		

Slotting improvements
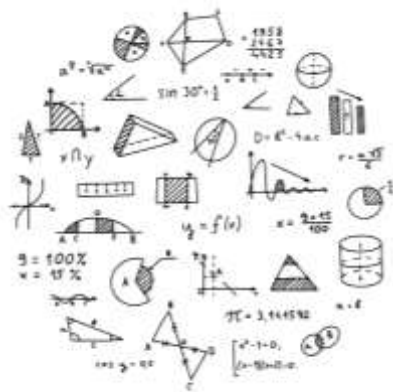## 3rd leverage: the best location for every SKU

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: every location has a unique and specific rating. Implantation is accurately optimized.
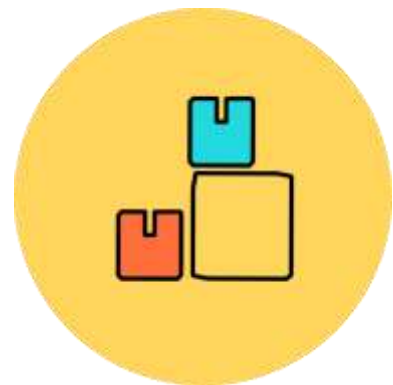
How does it work ?
Our software solution

Find&Order

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

>Digital twin = interactive mapping with accurate and up-to-date distance calculation

>Flow algorithms = the most optimized scenario 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

> 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
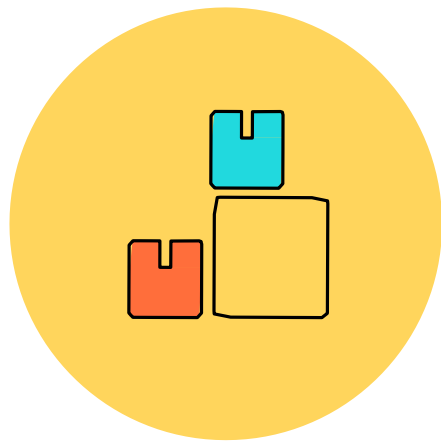10-30 pickers over the year
2 300 000 picks
WMS : Manhattan Associates

Results
Distance saved : -18,8%

A first proof of concept ?
=> let's start with an integration-free pilote

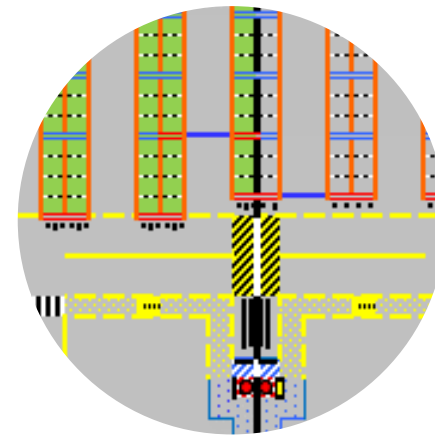
1. History of orders

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,
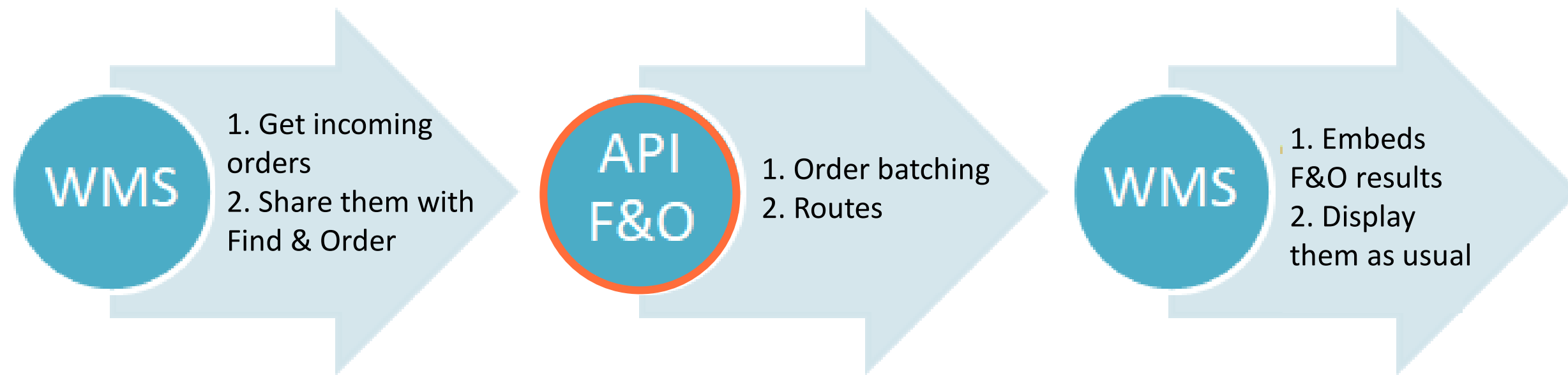Location of equipments,
Starting/ending points

4. Operations rules

1 call with operations

Picking rules,
Traffic rules,
priorities,
Pick paths,

…

API Connection
Roll-out scenario

Find&Order

WMS

1. Get incoming orders
2. Share them with Find & Order

API F&O

1. Order batching
2. Routes

WMS

1. Embeds F&O results
2. Display them as usual

Pricing

Pilote

One-off payment

According to scope

Run

Yearly licence fee / site

Licence = 20% of benefit brought by Find & Order

Benefit = net-optimization * yearly-picking-cost

Contact :

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