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.





pickers

and deal with more products and orders with the same ressources

Boost your WMS / OMS to reduce by up to 50% the distance covered by



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

Goal

> To increase your **picking capacity**

Optimisation features on demand

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

- > **Routes** : the shortest route for every mission
- > Mission scheduling : to reduce trips out of charge
- > **Slotting :** the best location for every SKU

KPI

> Distance saved: from +10% to +50%

> Picking labour costs saved per year : from +5% to +30%







Average distance optimisation by leverage

Projects run from 2022 and 2024



-> Up to +**50%**



All optimisation leverages



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	CUSTOMER BATCHING (649)	Search	F&O BATCHING FOR 2874
CHUNK_2023-09-08.CSV	REF. MISSION	NB. SUPPORT	REF. MISSION
08/09/2023	> 28748788	29	× 55 7207198944 7207212728 72070
	× 28748892	6	730/176700 7307213736 73070
🗠 DASHBOARD	7307046259 7307046256 7307046260 7307046261	7307046257 7307046258	7306950333 7307035925 73072
CUSTOMER DATA	> 28749912	27	× 64
	> 28750808	6	7307200972 7307026053 73070
▼ PICK LIST	> 28750846	12	
👪 ORDER BATCHING	> 28750849	12	730/212104 730/0258/7 730/2
EINAL RESULT	> 28750854	9	✓ 109
	> 28750855	9	7307023681 7306950417 73072
	> 28750857	30	7307023867 7307201697 73072
	> 28750858	30	7307036756 7306951272 73070
	> 28750859	15	✓ 150
	> 28750860	20	7306951346 7307213139 73069
	> 28751795	2	7307212801 7307036837 73069
	> 28751796	12	7307025016 7307046260 73070
	> 28751797	12	× 181
	> 28751798	9	7306950482 7307025797 73070
	> 28751799	12	
	> 28751801	4	7307200522 7307213073 73070
	> 28751814	12	7307213955 7307213960 73072
2.0	> 28751815	12 🔹	→ 314





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...



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	Non optimised	Weight	Optimised	Weight		
1	C-003-0379		D-008-1420			
2	C-004-0691		D-008-1441			
3	C-005-0736		D-008-1447			
4	C-005-0752		D-007-1111			
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			



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

Slotting by slot and not by areas. Every slot has a unique and evolving rating

Competitive advantage of the solution:



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

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

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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%







How to work with us? 3 steps

1. integration-free pilote	2. Pilote with IT integration	3. Roll out
<u>1 month</u> One-off payment	<u>3-6 months</u> One-off payment	<u>Yearly contract</u> Performance-based ye
<u>Goal</u> To assess quickly the potential of our	<u>Goal</u> To test our solution in real time and to assess the productivity increase	
optimisations applied to your scope	<u>2 options</u> - Through csv files	
Data required - History of orders	- Through API integration	

-> NO technical integration

yearly license



How to start with us ? => Step 1 : let's start with an integration-free pilote





4. Operations rules

1 call with operations

Picking rules, Traffic rules, priorities, Pick paths,

. . .



Contact :

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