Find & Order

Smart Algorithms to Boost Picking

A solution available on Microsoft AppSource
Augment your pickers to collect more products every day and deal with growth with the same resources.

Challenge the physical configuration of your picking areas.
A smart pathfinding solution to augment your picking organization

**Goals**

> More products picked every day

**Solution**

> The shortest routes
> The most efficient way to batch and manage your orders

**KPI**

> Increase in product collection from +8% to +20%
Challenge your organization
A « test and learn » approach

Edit your set-up
> Aisles, areas, traffic flow
> Product positions
> Management rules

Test your new organization with real data
> Trigger picking simulations
> Compare your old and new configuration

Monitor your organization
> Performance-based
> On going process
Product Management
Your Web back-office

Manage configuration and test from your web back-office:

- Edit and update your maps, their content and rules
- Get statistics and KPI
- Export reports

Algorithms will automatically apply to any new configuration you make.
Business Case
Example

One client in Singapore:

1 warehouse

2,300,000 routes

WMS: Manhattan Associates

ROI: +18.8%
PoC: 2-week integration-free test
Information we need

1. Order history
   Excel export with:
   - Order number,
   - Date,
   - SKU,
   - Location code,
   - Batch number

2. Floor plan
   All formats,
   - At scale

3. Operational rules
   To be precised:
   - Starting and dropping points,
   - Order of collection,
   - Traffic rules,
   - Cut-off,
   ...etc.
API Connection
Roll-out scenario

WMS receives orders and sends them to F&O API

API F&O calculates optimal path and sends it to WMS

WMS sends optimal path to PDA

PDA displays product list as usual
Among our clients

Optimisation in warehouses

Optimisation in stores

Partnership with WMS and ERP
CON
TRACT

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