

CASE STUDY

Stock management, improve stock retrieval efficiency, and reduce misplace or lost stock



TRANSPORTES PAULO DUARTE
(PORTUGAL)

Founded in 1946 by Mr. José Paulo Duarte who initiated the activity as an individual conveyor. TPD is now in a leading position on logistic operations for the food and fuel sectors. Its logistic platform in Azambuja has 56 vehicles, including tractors, trailers, and tanks.

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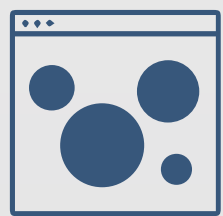
THE PROBLEM

With increasing demand on operation speed, TPD saw its fuel derivatives warehouse operations grow to support a busy distribution operation. Prevent stock misplacement and improve its retrieval time became a major factor to avoid operational loss within its operations. Due to labor scarcity, increasing productivity of the current scale of operations was key to respond to demand in a timely fashion.

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RELEVANT FEATURES



Heatmaps



Geofence and safety alerts



Dynamic Routing



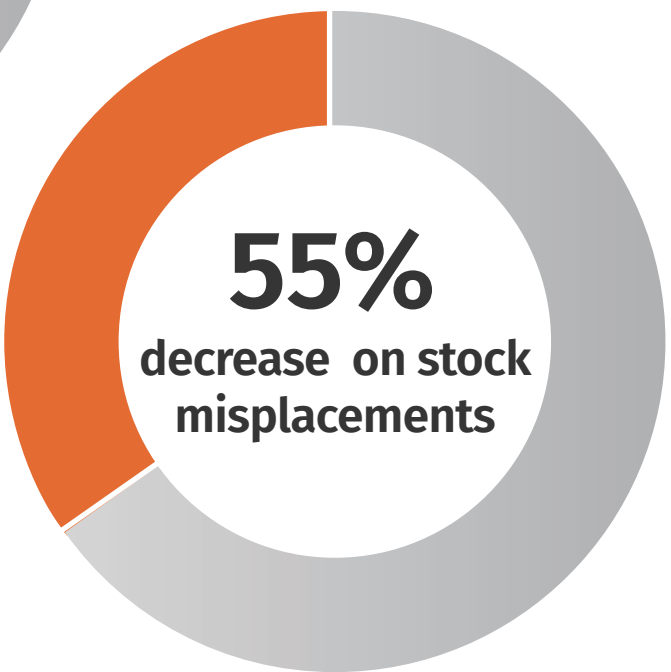
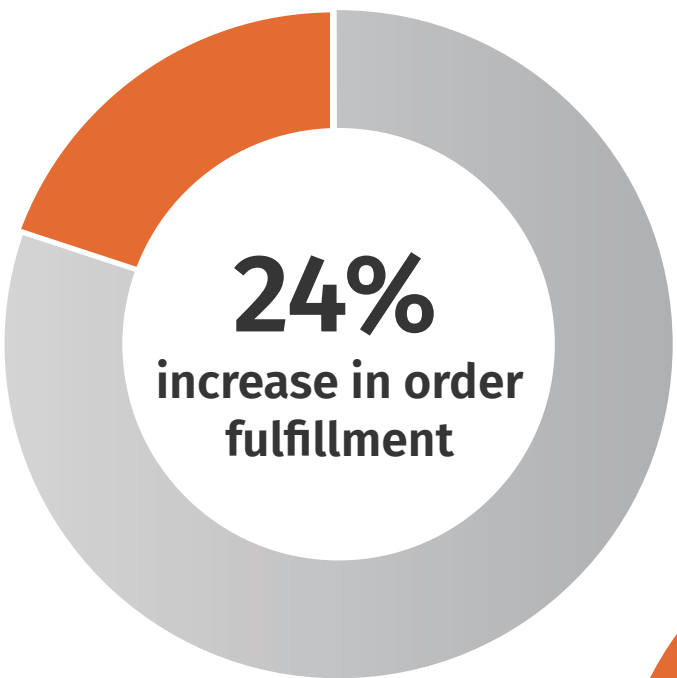
Digital Twin



Reporting

THE SOLUTION

- Virtual twin to simulate multiple stock distribution strategies and space layouts
- Enforced stock placement compliance
- Mapped and repositioned critical stock locations



PROJECT SNAPSHOT

2075m2	Area covered
24	Stationary sensors
3	Forklifts tracked
2 days	Time to data