



Optimized distribution and transport

Optimo TMS — Transportation Management System

AI routing · Last mile · Fleets

Optimo TMS is a **powerful logistics support software** that maximally optimizes your **distribution operating costs**, managing transport fleets from purchase to delivery.

AI routes

Capacitated VRP
with Google

Waze·Maps

Real-time traffic

Offline

Disconnected
mobile app

Last mile

Customer
tracking

Included modules

1 Dynamic Routes

Automated route generation based on customer classification, distance to multiple distribution centers, fleet capacity (stops, volume, weight), goods type (refrigerated) and freight costs. Routes can also be created or adjusted manually.

2 Delivery Tracking

A mobile app that guides the driver: visit itinerary, log of completed visits and reasons for the unsuccessful ones, evidence (signature and photos), collections and offline sync.

3 Settlement

End-of-day closing with accountability: successful deliveries, unsuccessful ones with

4 Tracking (last mile)

Keeps the customer informed through email notifications and an order-tracking screen,

their reason, collected payments and returning inventory.

building trust and loyalty.

5 Fleet Control

Beyond route control: manage fuel vouchers and consumption, and each vehicle's maintenance and expenses.

6 Reports & KPIs

Responsive web environment: check it from anywhere and any device, from the most relevant to the finest detail, to decide with real data.

7 Interfaces

Integration with the rest of the organization's systems via web services, intermediate tables or Excel files.

+ Native integration with Optimo WMS

TMS↔WMS communication via pure REST services, cloud-to-cloud and auditable, to coordinate warehouse and distribution seamlessly.

Mobile app capabilities

- ✓ Driver's visit itinerary.
- ✓ Log of completed visits and reasons for unsuccessful ones.
- ✓ Evidence capture: signature and photos.
- ✓ Collections (associated or not with the delivery).
- ✓ Integration with Waze and Google Maps based on traffic.
- ✓ Disconnected (offline-first) environment with later sync.

Benefits

- ✓ Reduced distribution operating costs.
- ✓ Fewer kilometers and better fleet usage.
- ✓ Optimized delivery times and fuel consumption.
- ✓ Full traceability of every delivery.
- ✓ Greater loyalty through last-mile communication.
- ✓ Decisions based on real, up-to-date data.

A living platform: AI, Google routing, modern multi-country maps, native WMS integration and a safer, more reliable mobile app.

Parameters without redeploy

A key-value engine with an admin panel: route engines, thresholds, schedules and costs are adjusted instantly, per customer and per geography — with no release cycles.

OptimoIA — AI & cost gateway

All optimization travels through a central gateway that orchestrates the Google APIs, measures the real cost of each call and, optionally, explains in natural language why it reordered or grouped. OAuth2 credentials encrypted (AES-256).

Modern maps & grids

A geographic mesh with the GEOGRAPHY type and a spatial index: multi-country (SV, GT, HN), adaptive per zone (fine in urban areas, coarse in rural ones) and more precise.

Dynamic routing with Google

Capacitated VRP (weight, volume, stops) plus visit-order optimization. Two engines swappable by parameter, with real kilometers and minutes persisted for comparison.

Live map / GPS tracking

Real-time fleet location, configurable per shift, with the day's trail — the office sees everything on a modern map.

Safer mobile

GPS validation on delivery (warn or block mode), mandatory evidence (photo / signature / GPS) and tracking configurable by interval, accuracy and battery.

Live A/B engine testing

Compare "minimum vehicles" vs "balanced" and persist the best scenario by km, vehicles or score.

Google cost governance

Real cost per call, measured and auditable — full transparency of usage spend, no surprises.

Why Optimo TMS?

Real cost optimization

Efficient routes, fleet and fuel control that cut the cost per delivery.

Customer experience

Last-mile tracking and notifications that build trust and loyalty.

Robust mobile operation

An app with a disconnected environment: the driver works even without coverage.

Integrable

Web services, intermediate tables and Excel; native integration with Optimo WMS.

Ideal for

- ✓ Distributors and consumer-goods companies.
- ✓ Operations with owned or subcontracted fleets.
- ✓ Last-mile delivery and home delivery.
- ✓ Companies already running Optimo WMS that want to close the cycle through delivery.

Optimize your distribution

Request a demo and see Optimo TMS in action.

info@newsoftideas.com

www.newsoftideas.com