

## AUTOMATED ROUTES PLANNING

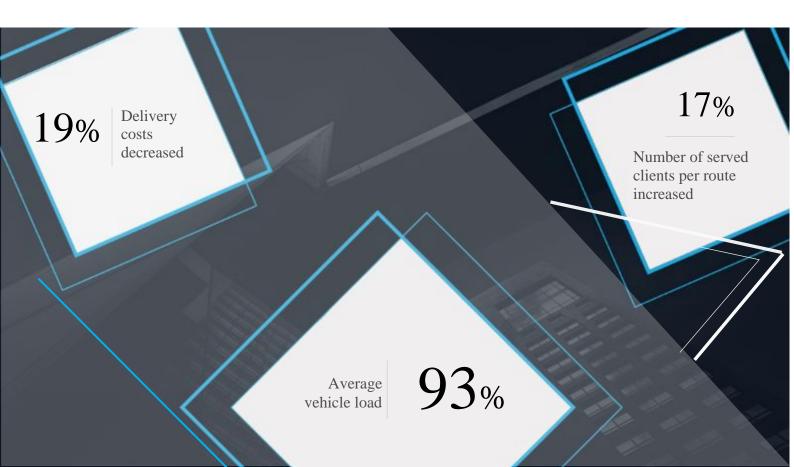
Private Enterprise «Parus»

**ABM Rinkai TMS** 

Client Company: Business: Private Enterprise «Parus» Distribution

Project description:

Automated delivery route planning Consulting support Technical assistance



About Company

## Private Enterprise «PARUS»

Exclusive distributor of TM «Obolon» production in eastern region of Ukraine.

More than 40 vehicles

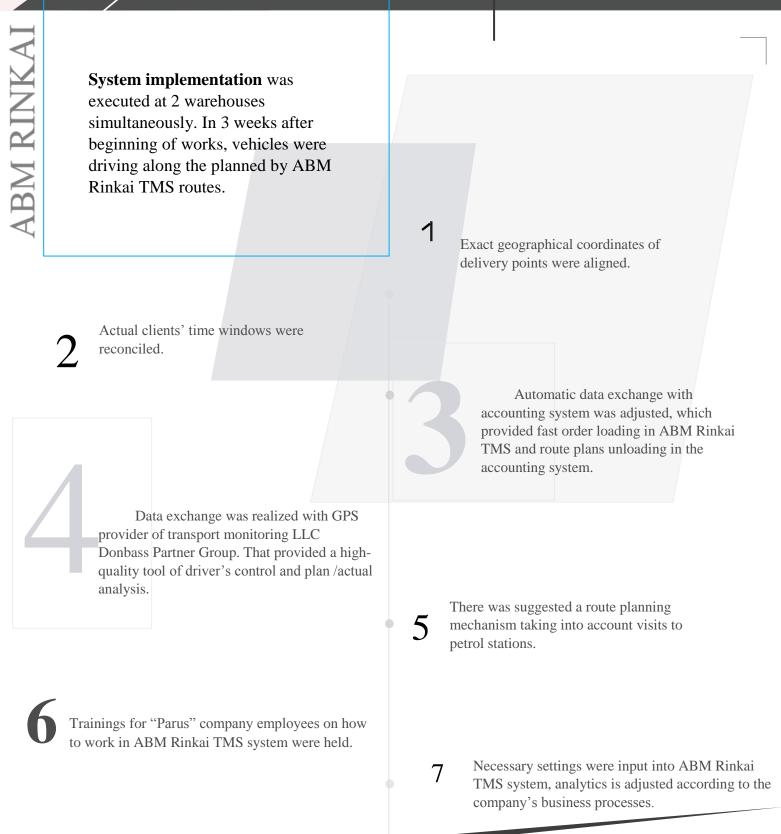
Serving 2 warehouses 0 160 Workers

## Project Background

- High delivery costs.
- Complexity of resource management taking into account seasonality.
- Lack of route sheet with sequence of visits to outlets and time of arrival to the client.
- Need in automated planning system and route control.
- Negative impact of human factor on route planning process.



## The Project Course





The route planning process has been automated; route performance control and efficiency are assessed.

Planning time significantly reduced: maximum time taken into account all restrictions is no more than 30 minutes.

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The system allows to prepare reports quickly and conveniently. These reports are the backbone for making reasonable management decisions.



With analytics module, it became more convenient to assess efficiency of transport use, analyze profitability of delivery points and estimate customer service quality.



The priority of vehicle loading proceeding from the constituted routes, the accurate client visiting order is specified in a route sheet.



- Average vehicle loading by weight is 93%
- Number of served clients per route increased by 17%
- Expenses on 1 kg product delivery are cut down by 19%
- Number of exported products per 1 km increased by 17%
- Delays to the client reduced (no more than 1%)

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