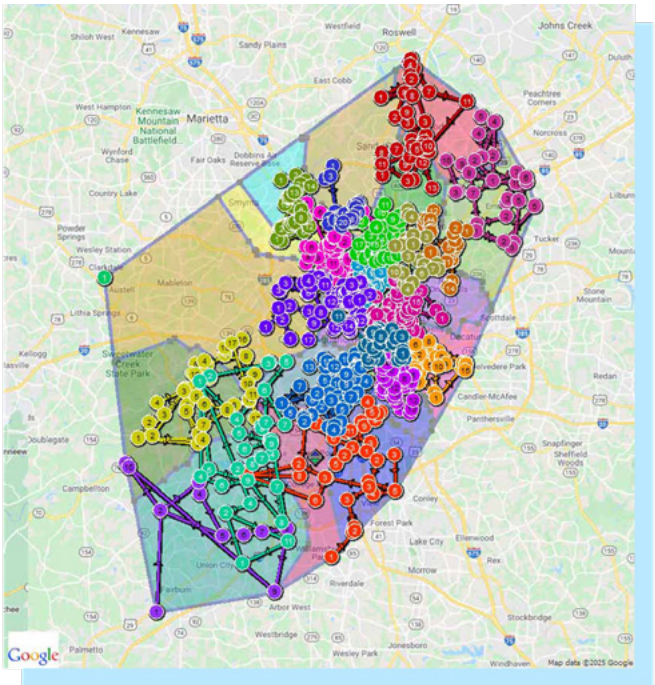
DESCARTES™

Strategic Planning

Remodel delivery networks and build fixed routes that adapt to fluctuating volumes.

Delivery networks aren't built to handle evolving business needs. Depot locations may not match future demand, service is inconsistent and fixed routes can't keep up. Over time, this static approach eats into overall profits. Fuel and labour costs increase, while your ability to serve new and existing customers is limited.

Strategic planning software lets fleet operators rethink their delivery network on a more regular basis. Businesses can serve more customers while reducing logistics costs.

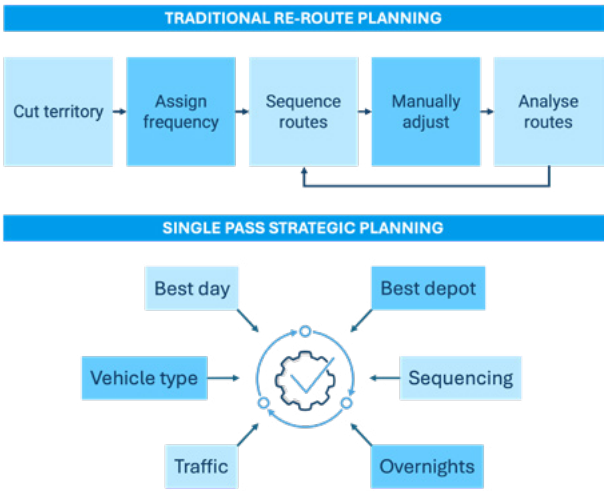


Solution Area
Fleet Performance Management

About the Product
Strategic network, territory and route planning solution that models, compares, and optimises long-term scenarios.

TOP BENEFITS

- Make data-driven decisions about depots and vehicles.
- Recut fixed routes more frequently to meet demand.
- Adapt to changing order volumes.



Strategic planning in a single pass

Traditional strategic planning takes several steps to produce a plan. Territories are cut, then frequencies assigned, delivery days selected, and routes sequenced. Frequency planning is a matter of guesswork, and each step may need to be repeated if it violates parameters set out by the previous step.

That's why Descartes takes a single-pass approach to strategic planning: Territories, frequencies, delivery days and routes are optimised at the same time. This method makes it much easier to strategically reset your delivery operations and respond to changing demands.

FEATURES

"What-if?" scenario modelling

Model multiple scenarios simultaneously to predict the impact of commercial and operational changes.

Frequency planning, best day and best depot

Serve customers cost-effectively while meeting the needs of each contract.

Build peak and off-peak scenarios

Model demand patterns in advance, adjusting volumes, delivery frequency, territories, and vehicle types.

Fleet size and composition

Build a cost-effective fleet that aligns with sales volumes, product types and road restrictions.

BENEFITS

Recut routes more frequently

Refresh fixed routes regularly to keep up with changes in demand.

De-risk decisions

Predict the impact of changes such as adding a new customer or offering narrower time windows.

Reduce delivery costs

Optimise delivery frequency and select the best day and best depot to improve route density.

Acquire and attain more customers

Optimise your network to meet customer demand and keep delivery promises.

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