

# SHORTREC Tankplanner

## Bulk & Tank Route Optimization Software

**SHORTREC TankPlanner is a proven, sophisticated route optimization solution designed to generate both static and dynamic, cost efficient transportation schedules for tank or bulk operations. These operations are typically characterized by routes with single or multi-product deliveries by compartmentalized trucks from different supply points with different product supply costs.**

SHORTREC TankPlanner focuses on finding an optimal balance between service levels, product supply and transportation cost. This solution is designed for use in an operational environment to support daily transport planning and dispatch operations. SHORTREC TankPlanner has more than 100 installations all over the world to help companies sequence stops, design routes, evaluate different supply sources, select the right equipment and drivers to use in order to become more efficient and save money.

### Key SHORTREC TankPlanner Features:

- Optimized trailer compartment utilization
- Takes into account axle weight restrictions
- Incorporates product matrix and flush times
- Ability to work with forecasted & actual delivery volumes
- Optimal sourcing based upon product availability and costs
- Integration of driver's familiarity with certain areas
- Tracking and tracing of vehicle status
- Planning boards for graphical data (schedule) representation
- Digitized street level road maps to calculate optimal travel times & distances
- Display of up-to-date Key Performance Indicators
- Drag & drop capabilities
- Ability to run and compare "What-If" Scenarios
- Extensive reporting capabilities
- Single / Multi-Product Optimization
- Single / Multi-Terminal Optimization
- Single / Multi-Day Optimization
- Incorporates Customer Requirements (service frequency, time windows, specialized equipment etc.)
- Incorporates Resource Constraints (trailer capacity, driver bids etc.)
- Incorporates DOT, Labor and Union Rules
- Integration with Order Management and ERP systems (SHORTREC is SAP R/3 certified)
- Integration with Automated Forecasting & VMI solutions
- Integration with Truck Status and GPS Systems



Compartment of vehicle 22178 Route 1

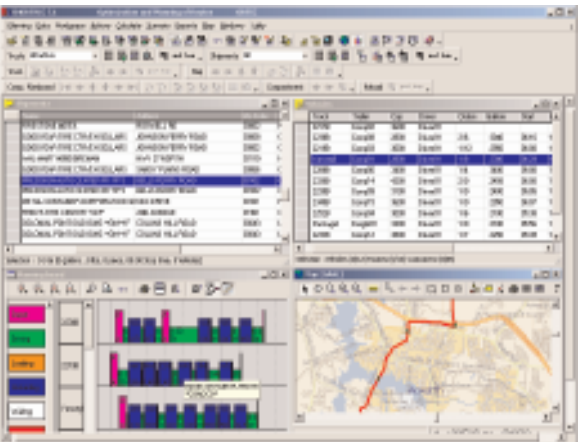
| Shipment        | Order no. | Shipment   | Customer    | Place      | Total   | Assigned | Fixed size | Comp.1   | Comp.2 | Comp.3 | Comp.4 | Comp.5 | Comp.6 | Comp.7 | Comp.8 |
|-----------------|-----------|------------|-------------|------------|---------|----------|------------|----------|--------|--------|--------|--------|--------|--------|--------|
| Configuration 0 |           |            |             |            |         |          |            |          |        |        |        |        |        |        |        |
| 10118           | 18118     | 0001245001 | AMERICAN L  | CHEROKEE   | 100     | 100      | No         | 0        | 0      | 0      | 100    | 0      | 0      | 0      | 0      |
| 10119           | 18122     | 0001245001 | AMERICAN L  | CHEROKEE   | 100     | 100      | No         | 0        | 0      | 100    | 0      | 0      | 0      | 0      | 0      |
| 10108           | 18108     | 0001205001 | WAL MART    | # CANTON   | 400     | 400      | No         | 400      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| 10108           | 18110     | 0001205001 | WAL MART    | # CANTON   | 65      | 65       | No         | 0        | 0      | 65     | 0      | 0      | 0      | 0      | 0      |
| 10106           | 18106     | 0001205001 | WAL MART    | # BARTOW   | 400     | 400      | No         | 400      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| 10125           | 18125     | 0001205001 | SELF RECYC  | CANTERSVIL | 800     | 800      | No         | 0        | 800    | 0      | 0      | 0      | 0      | 0      | 0      |
| 10088           | 18088     | 0001205001 | WAL MART    | # COBB     | 133     | 133      | No         | 0        | 0      | 133    | 0      | 0      | 0      | 0      | 0      |
| 10088           | 18090     | 0001205001 | WAL MART    | # COBB     | 400     | 400      | No         | 0        | 0      | 0      | 0      | 400    | 0      | 0      | 0      |
| 10136           | 18136     | 0001205001 | C.W.MATTHEM | MARIETTA   | 300     | 200      | No         | 0        | 0      | 0      | 0      | 300    | 0      | 0      | 0      |
| Total           |           |            |             |            | 2398    | 2398     |            | 800      | 800    | 298    | 100    | 300    | 400    | 0      | 0      |
| Capacity        |           |            |             |            |         | 3600     |            | 800      | 800    | 600    | 600    | 500    | 500    | 0      | 0      |
| Aulas           |           |            |             |            | Minimum | Maximum  | Current    | Violence | 800    | 600    | 298    | 100    | 300    | 400    | 0      |

**SHORTREC Benefits**

- Balanced driver workloads
- Decreased vehicle expenses
- Increased asset utilization
- Increased compartment utilization
- Increased customer service
- Improved customer inventory
- Increased driver and dispatcher productivity
- Increased profitability
- Measurable ROI
- Reduced mileage cost
- Reduced overtime cost
- Reduced fuel cost

**Some SHORTREC TankPlanner Customers**

- Air Liquide
- BASF
- BP (Gas & LPG)
- Butagaz (Bulk & Cilinders)
- Campina
- ExxonMobil
- Gulf Oil
- Kuwait Petroleum International
- Meneba
- Nordmilch
- Nutreco
- Primagaz
- RKA Petroleum
- Rolan Chemicals
- SHELL (Gas & LPG)
- TotalFinaElf



**About ORTEC**

ORTEC is one of the largest independent providers of advanced planning & scheduling software and professional consulting services. ORTEC currently has over 500 employees and offices in North America, and Europe. More than 800 customers already benefit from our advanced planning and scheduling solutions.

[www.ortec.com](http://www.ortec.com)

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|----------------------|---------------------|--------------------|------------------------|----------------------|----------------------|
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