

Route Optimisation Module



Commercial regular route optimisation

Like to reduce travel distance and time by more than 10% AND improve efficiency KPIs (lifts per km)? Then regular route optimising is the answer.

Wastedge's module extension for commercial collection operations provides **optimisation of regular scheduled collections, irregular cycles and ad hoc ring-ins** - taking into account any site-specific access time restrictions, as well as truck capacity and nearest disposal site locations.

This can be run at a route master level for periodic rescheduling or daily for run-sheet stops. **Extra run capacity provides increased revenue and route profitability by reducing related run fuel costs and related vehicle maintenance costs.**

When linked to Regular On-board Systems with on-board optimisation, **further savings can be achieved** by handling in-field day-to-day variations such as traffic detours.

Get more collection capacity for the same or less resource cost now.

Key benefits



- Can save over 10% travel distance/time
- Enables more capacity at same cost
- Increases route efficiency
 - lifts per hour
 - lifts per distance (ks/miles)
- Takes site time restrictions into account
- Optimises sequence of ring-ins
- Reduces excess travel costs, fuel and maintenance costs and unbalanced fleet workloads
- Increases profitability

Main features...



Route optimisation

Optimal collection order taking into account truck capacity and tip locations.

Additional features...



- Uses truck capacity
- Uses nearest designated disposal points
- Incorporates site time access constraints
- Shows shortest path with travel times
- Inserts planned driver-fatigue breaks and truck start-up check time and washout/refuel times
- Shows projected run-times and stops ETA
- Shows original and projected route travel distance
- Factors in side of street approach
- Supports restricted area diversion boundaries

Put your business on the map today!
Visit www.wastedge.com or call: 02 9499 6222