

MAIOR TRANSIT SCHEDULING SUITE

Powered by 7 Optimization Algorithms

Timetable Optimization

Generate trips that automatically satisfy business goals and achieve the most efficient use of your resources.

Run Time Optimization

Calculates optimized running times by day type and time band using historical data from your ITS system.

Blocking Optimization

Creates vehicle schedules that automatically consider deadheads, recovery times, interlining rules, charging needs and more.

Run-Cutting Optimization

Cuts vehicle blocks into the fewest operator duties needed to cover the service while ensuring all labor agreements are followed.

Rostering Optimization

Creates optimized rosters or bid packages for operators, balancing workload and minimizing overtime.

Driver Assignment Optimization

Assigns drivers to the right run while balancing workloads.

Vehicle Assignment Optimization

Assigns vehicles to the right vehicle block maximizing vehicle efficiency.