

MTRAM Scheduling

Clever Devices designs and develops breakthrough solutions for transit systems that are proven to increase efficiency and reduce operation costs while improving the passenger experience.

Creating and managing service scheduling can be complex and can be difficult to maintain. If you are creating vehicle blocks and runs manually, you are likely missing opportunities for efficiency. MTRAM Scheduling optimizes the creation of your vehicles and drivers' schedules to ensure maximum productivity and strict adherence to labor laws and union regulations.

FEATURES & BENEFITS

Save Costs by Reducing Blocks and Runs

The MTRAM Scheduling algorithm can reduce the total number of blocks and runs required to perform your service. It takes into consideration the complexity of your operations and generates a schedule that is optimized to reduce the number of vehicles and drivers required, reducing costs while continuing to deliver optimal service to your riders.

Scenario management

MTRAM Scheduling allows you to simulate scenarios by manipulating your inputs in a virtual sandbox to uncover possible added efficiencies and even more significant cost savings.

Flexible Timetable Views: Graphical or Tabular

MTRAM Scheduling provides you with the flexibility to view your vehicle blocks and driver runs in both graphical and tabular views to easily manipulate assigned vehicle and driver work, create interlining and add additional tasks such as driver breaks or fueling.

Create Optimized Vehicle Blocks

MTRAM Scheduling greatly simplifies the creation of blocks by automatically creating a solution that takes into consideration agency rules such as layover and recovery time, garage locations and interlining policies.

Garage Assignment

MTRAM Scheduling optimizes the assignment of vehicles to garages to minimize deadheads and idle times.

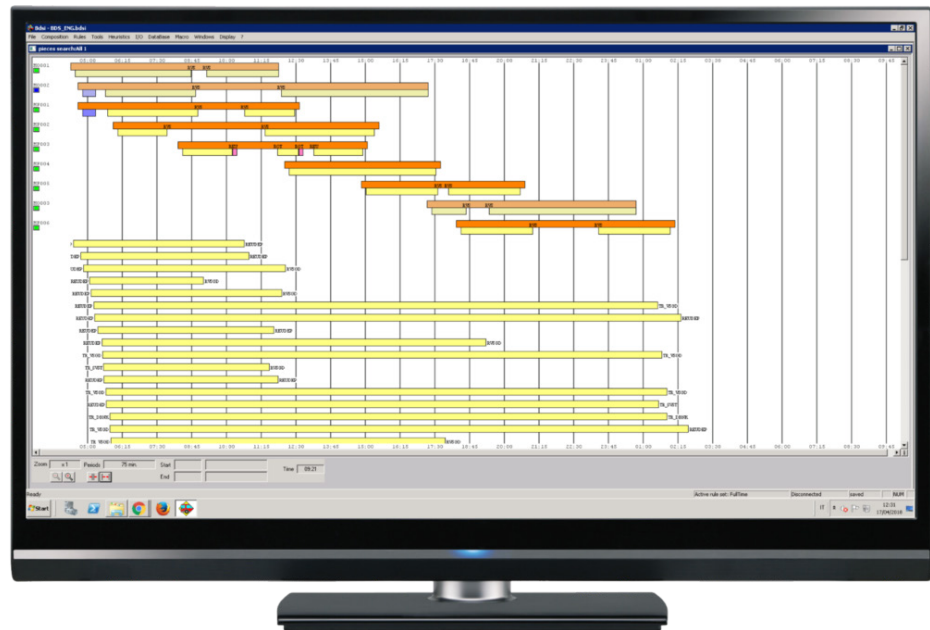
Create Optimized Driver Runs

MTRAM Scheduling uses powerful optimization algorithms to cut the vehicle blocks into the fewest number of driver runs necessary to achieve the desired level of service.

Labor Agreement and Policy Adherence

When runcutting, the system carefully considers all labor agreements, union rules and agency policies to ensure that no run assignment goes against the rules and regulations. However, the system does provide the flexibility to override the rules to account for exceptions.

MTRAM Scheduling's embedded algorithm optimizes blocking and runcutting simultaneously in urban, suburban and regional environments.



Visit www.cleverdevices.com/mtram to learn more