Public transit professionals struggle daily with competing requirements to increase ridership, reduce vehicle and operator costs and improve service. To achieve balanced success with these goals, you need to start with truly effective route planning and scheduling.

For nearly 15 years, Trapeze has provided powerful routing, scheduling, blocking, runcutting and rostering solutions to transit organizations of all sizes. Our automated software provides true flexibility, adapting easily to changes in service, work rules, ridership and the IT environment.

We help you increase the productivity of your scheduling department with time-saving features and reduce operating costs through more efficient resource allocation. Our scheduling systems connect seamlessly with other Trapeze and third-party components to build integrated, enterprise solutions.

We want you to get the most out of your investment, so we back up every solution with expert implementation, thorough training and dedicated customer care.

**THE BUSINESS CASE**

**Reduce Costs**
- Easily reduce scheduling costs by two to five percent
- Closely manage costs using “what-if” scenarios
- Interline routes and trips to minimize vehicle use

**Increase Efficiency**
- Automate many time-consuming tasks associated with routing and scheduling
- Reduce data re-entry and data management with a single, centralized database
- Easily retrieve information for planning, real-time decision making and reporting

**Improve Service**
- Quickly adjust timetables between sign ups in response to changing ridership patterns
- Calculate run times more accurately for better timetables
- Easily integrate tools that enable ridership analysis, schedule adherence, demand forecasting

**Maximize Return on Investment**
- Recover the cost of your scheduling system in less than four years
- Future proof your investment with scalable, extensible, integrated technology

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**CUSTOMER EXPERIENCE**

*The Trapeze system for SEPTA has delivered substantial savings in vehicle and operator costs. In some divisions, the number of runs has been reduced by as much as 3.4%, and driver pay hours are down by 1.5%. This amounts to savings of more than $900,000 per year.*

Southeastern Pennsylvania Transportation Authority (Philadelphia, PA)
Routing and Scheduling

Key Components

Precise Route Definition. Point and click to trace routes and patterns or to geocode timing points and bus stops.

Flexible Scheduling. Create running time intervals, set run times and develop trips and other scheduling tasks.

Efficient Blocking. Develop cost-effective blocking solutions, deadhead trips, interlining, integrity checking.

Automated Runcutting & Rostering. Optimize operator assignment and package runs into weekly work.

Integrated Mapping. View and define service areas, routes, timing points and stops on multilayer, customizable maps.

Rapid Reports. Many standard reports including time and distance reports for routes and blocks. Also tools for ad hoc report writing.

Enhancements

Advanced Runcutting (Blockbuster™). Develop multiple scenarios and adjust work and pay rules for optimal results.

CAD/AVL. Real-time vehicle location, mobile data communication between vehicles and dispatchers.

Web. Clients can plan future travel and find next bus information online.

IVR. Bypass the call center with automated telephone services.


Enterprise Solutions

Our modular fixed route scheduling system seamlessly integrates with other Trapeze and third-party components including:

- Planning tools
- Operations management
- Demand response:flexible route scheduling
- Traveler information (including Web and IVR)
- Executive information systems
- Intelligent transit technologies

Customer Experience

When CMBC upgraded its Trapeze fixed route scheduling system, the newly trained schedulers saved 7,500 weekday hours per year or approximately $200,000 per year.

Coast Mountain Bus Company (Vancouver, BC)

The primary benefit for the TTC has been improved crewing efficiency. The new system enables schedulers to work more efficiently, giving them time to consider alternative scenarios and to look for cost-effective solutions.

Toronto Transit Commission (Toronto, ON)

About Trapeze Group

Trapeze Group delivers solutions that consider the full 360 degrees of passenger transport. Whether addressing the needs of a single department, an entire organization, or the community, Trapeze provides some of the most advanced software, intelligent transportation systems (ITS) and mobile technologies in the industry. Hundreds of government and commercial organizations across Europe, North America and Asia Pacific have turned to Trapeze to realize efficiencies, enhance the quality and scope of their services, and safely transport more people with less cost. Visit www.trapezegroup.com.