Itinerary Planning Assistant (IPA) and Multi-Modal Planning

Better utilize your paratransit resources. Provide your riders with more mobility options.

There are times that may require you to compare paratransit with fixed route service information. You may need to verify whether your paratransit service conforms with ADA standards. You may want to eliminate unnecessary trips due to rising paratransit costs and free up capacity for eligible passengers. Also, when determining whether a passenger is eligible, you will need to know if bus and rail service is provided near the origin and destination. You can use route maps and other data to perform comparisons manually, but that takes time and effort.

PASS Itinerary Planning Assistant (PASS-IPA) is a PASS add-on module that provides information about fixed route alternatives at key points in the paratransit service planning and delivery process. With PASS-IPA, you can quickly and easily compare paratransit trip information with Trapeze fixed route service data. Our solution uses a powerful trip planning algorithm to develop detailed fixed routes itineraries optimized for travel time, trip distance, minimum fare, or number of transfers. PASS-IPA can provide fixed route alternatives while a trip is being booked for immediate answers, and it can be used retrospectively to support better service planning.

Overview

Check Comparable Fixed Route Service

- Determines fixed route alternatives as trips are booked into PASS; facilitates the integration of on demand/fixed route travel options
- Shows fixed route itineraries
- Provides calculated on-board times
- Explains why there is no comparable service (e.g., "No Destination Stop")

System Requirements

- Trapeze PASS demand response scheduling system
- Trapeze FX fixed route scheduling system
- Trapeze INFO or ATIS trip planning system

Enable Multi-Modal Trip Planning

- Shows multi-modal itineraries
- Provides walking directions

Agency Benefits

Comply with ADA Requirement

You can verify that paratransit service is provided wherever fixed route service is available. You can also determine whether paratransit fares and ride times are comparable.

Better Cost Control

You may be using available capacity to provide service that is not required. PASS-IPA can help you identify unnecessary trips so you can focus limited resources on the service you are mandated to deliver.

Improved Service Planning

Advance planning can help you save money down the road - you can identify and plan for the impact of changes to fixed route service. You can also review historical demand response trip requests to monitor your comparability compliance.
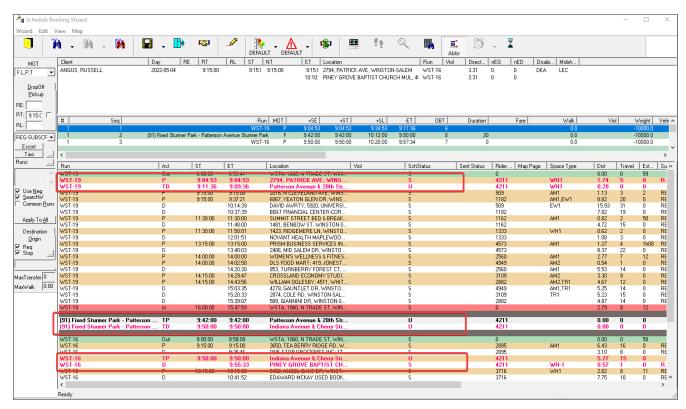
Passenger Benefits

Increased Customer Confidence

- Enhances passenger mobility and independence with more travel options

Zero Denials

- Focuses limited resources where needed to eliminate trip denials

Multi-modal Trip Planning - Passenger gets dropped off at a bus stop and picked up later at another stop.

Connect with our Experts

Trapeze™