



MICROTRANSIT

Combine Fixed, Flex and Paratransit Routes



PRE-SCHEDULED ROUTES

ADD ON-DEMAND TRIPS TO ROUTES

LIVE MONITORING DASHBOARD

FIRST-MILE LAST-MILE SOLUTION

SIMULATION AND PLANNING TOOLS

INTRODUCTION

Commingled microtransit is a new paradigm for microtransit from IT Curves which breaks down the silos between services. Discreet fleets – such as paratransit, fixed-transit, senior services, and others – are networked through our complete suite of routing, eligibility, and dispatch tools to create an integrated fleet and network. Adding Microtransit services becomes the glue linking and integrating these modes of transit into a complete, Mobility as a Service (MaaS). The system allows configuring your network for agile combinations of fixed, flexible, and on-demand stops depending on the needs of your riders and existing capabilities.

INTEGRATED FIRST/LAST MILE SERVICE

In urban areas with high-capacity fixed route corridors, integrate paratransit capacity to:

- Expand service and increase ridership overall
- Improve paratransit vehicle load factor
- Transfer paratransit riders to accessible fixed routes
- Expand reach of fixed routes with first/last mile microtransit service
- Easily connect off-route ride generators to transit network

BREAK DOWN SILOED SERVICES

Commingling can link many siloed services into a unified mobility as a service, useful particularly in rural areas.

- Dynamic routing sends best vehicle for each ride
- Flexible stops ensure vehicles regularly visit important locations
- Rider interactivity tools allow for on-demand service
- Eligibility process provides riders with service according to their needs and permissions

TOOLS

Efficient Ride Sharing Algorithm

- State of the Art Efficient Rider Sharing Algorithm
- Industry leader in dispatching shared-ride trips
- Dynamically adds on-demand trips
- Removes cancellations and no-shows
- Allows commingled riders and fleets

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MOBILE DATA TERMINALS (MDTS)

- Off-the-shelf commercial tablets installed in vehicles
- Automatically update of trip data
- Provides navigation stop by stop
- Facial Recognition, QRC, or Bluetooth to automatically on-board riders
- Verbal communication with driver for added safety
- Standard Cellular Data plans -LTE, 5G or others
- Safety setting for driver action of MDT

WHERE'S MY RIDE

- Powerful rider interactivity tools
- IVR interactive phone system assists riders
- Smartphone app assists rider and tracks ride in real-time
- Automatic notifications reduce cancellations and no-shows
- Riders can book rides, monitor vehicle status, communicate with driver
- Automatic copayments from Riders' profile Wallet setting
- Wallet refill automatically or via payment to subsidy institution

AUTOMATED WORKFLOW

- Rides move seamlessly from request, to routing, to vehicles
- Rider identification technology for automated on-boarding
- Auto onboarding and offboarding tools reduce drivers work and errors
- Dispatch and driver actions are integrated in real-time for highest efficiency
- Integrated and synchronized data offers protection from fraud
- Standardized data collection reduces manual inputs

SIMULATION TOOLS

- Simulate the entire days operation in advance
- Watch simulation results on a live dashboard
- Live dashboard displays the load factor and idle times on each vehicle
- Rerun same day data with different numbers of vehicles and monitor effect on service quality
- Plan your operation for most optimal parameters, number of vehicles, shift length, and service quality
- Intuitive visual and map tools
- Predict operational needs and plan service



IT Curves develops innovative transportation management software, empowering transit agencies, paratransit, NEMT, and private transportation companies to manage their transportation services using the latest integrated technologies and strategies. Our software solutions work with existing infrastructure or as software-as-a-service on the cloud to provide transportation operations enhanced solutions for managing passengers, dispatch, routing, communications, financial transactions, vehicle fleets, drivers, and more.

RIDES TO HEALTH



PARATRANSIT



MICROTRANSIT



WHERE'S MY RIDE



TAXI BROKER



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