



Multimodal Mobility Ecosystem

Eight scenarios that demand moving past siloed solutions.

A healthy mobility ecosystem is made possible when various modes of transportation work in tandem to meet the needs of a community and its diverse population. Establishing interconnected modes of transportation **adds functionality and optimizes access that fixed-route service alone can't offer.**

Are on-demand microtransit and micromobility at-odds with fixed-route services? **Not in the least.** Combining services to create a unified mobility ecosystem leverages the unique benefits of each type of transit that are better than just the sum of their parts.



Learn **HOW** to create a harmonious multimodal transit program in our "Guide to Multimodal Transit."

Interested in consulting a specialist? **Chat with our AICP-certified planners** whose expertise spans multiple modes of transit and is unparalleled in creating customized solutions designed for the people you serve.



Curious to see if multimodal transportation could improve mobility in your community?

Read the Case Study see how one community paired TransLoc Fixed Route and OnDemand with micromobility solutions to create an interconnected, door-to-door mobility ecosystem.

8
Eight scenarios you can solve through interconnected mobility services



DRIVER SHORTAGES

On demand increases the driver candidate pool and can use fewer drivers while micromobility requires none.



BUDGET CONSTRAINTS

Benefit from new modes of transportation with minimal net investment. Offset operational costs by reducing wasted resources and optimizing the combination of vehicle and service type.



DOOR-TO-DOOR SERVICE EXPANSION

35% of riders must travel a minimum of 15 minutes to get to the nearest bus stop.* Creating a true first-mile/last-mile service requires multiple mobility solutions.



CARBON EMISSIONS

Meet sustainability goals and create green transit by putting fewer buses on the road and adding eco-friendly e-scooters and e-bikes.



SERVICE ACCESSIBILITY

Facilitate better service access for underserved areas. 72% of riders would ride more frequently if routes expanded outside of metro areas.* On-demand microtransit expands service zones without overstressing fixed-route resources.



RIDER WAIT TIMES

Schedule-restricted routes can lead to long headways. Optimize the combination of fixed and flexible routes so that riders get the most direct route to their destination.



FIXED-ROUTE RIDER FLUCTUATION

One in four riders are switching to personal vehicles in the wake of COVID-19.* Routes with empty buses are an issue solved by pivoting low-performing vehicles to on-demand service.



SERVICE DEMAND SURGES

Social distancing protocols have led to reduced vehicle capacity. When running additional vehicles is not the best option, on-demand microtransit paired with fixed route can optimize vehicle use and rider experience.

*As found by the [2021 Transit Value Index](#)