Building public transit for the future

Via’s autonomous mobility solutions.

Via Overview

Audience

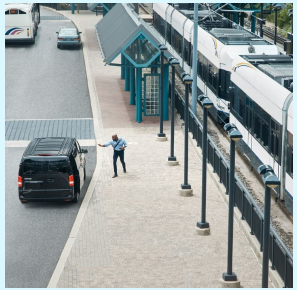
TransitTech for all.

Whether you're a public transit organization, a private transportation operator, or a major corporation, Via's platform provides tailored solutions to meet your needs.

- Cities
- Transit authorities
- Transit operators
- Paratransit operators
- School Districts & Departments of Education
- Universities
- Corporations
- Healthcare providers & payers
- Drivers
- Riders

What does Via do?

Via’s solutions.



Microtransit/
On Demand
Public Transit

Paratransit

School
Transportation

Autonomous
Mobility

Corporate/
University Shuttles

How does Via do it?

Plan

See how people move in your community, identify what's missing, and design new outcomes.

- Remix On-Demand Planning
- Remix Streets
- Remix Scheduling
- Remix Explore
- Consulting + Service Design
- ViaViewer

Operate

Bring your plans to life with an integrated suite of tools for operators, drivers, and riders.

- Via Operations Center
- Driver App
- Rider App
- Fleet Management
- Driver Management
- Driver/Rider Support

Optimize

Use data to assess impact, and move your vision forward.

- Reporting + Analytics
- Rider Growth
- Community Engagement

Partners

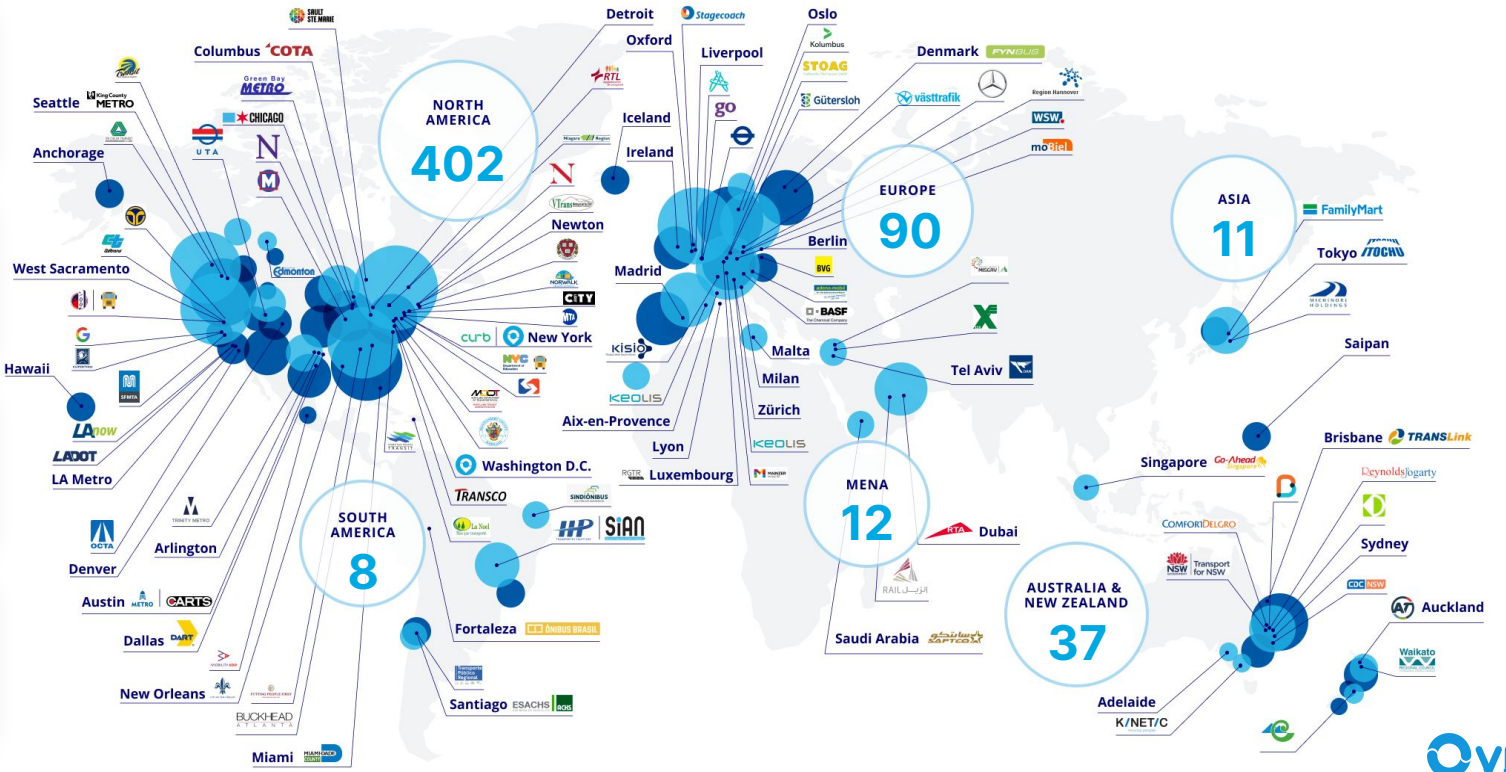
Via is the world's leading provider of advanced public mobility solutions.

600+
Partnerships

40
Countries

500
Engineers

100M
Rides



Partners

...Including in Florida.

Introduced a new microtransit service that allows riders to view **multi-modal trip proposals** (microtransit + fixed-route) in a single app.

12 min
average wait time

35 trips
per peak hour

Replaced underperforming fixed-routes with microtransit, and powering the paratransit service to improve OTP and PPH.

4x
reduction in avg. wait time

700+
rides per day

Replaced a legacy dial-a-ride program with a microtransit service that **allows riders to book pre-scheduled + on-demand trips.**

2x
reduction in avg. wait time

50%
of riders take on-demand trips

Replaced a legacy dial-in demand response program with a new microtransit service that has **improved ridership and operator bandwidth.**

80%
of riders book through app

2x
growth in ridership in first month

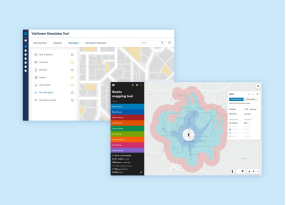
Via Autonomous Mobility Overview

Via enables AVs to provide useful transit services.

	Useful	Sustainable	Inclusive
Traditional Approaches AVs are deployed as fixed, inconvenient public transit *or* as private taxis 	AVs do not solve for transit needs & are inconvenient for riders.	Simply replacing vehicles with AVs does not address sustainability goals.	Leading AV tech has been deployed with limited reach.
Via's Approach AVs are **shared, on-demand & dynamically routed, integrated** with public transit networks. 	AVs **fill gaps in current transportation** coverage. AVs made available where they are **capable, safe, and serve a purpose**.	Shared AVs **reduce traffic, congestion, pollution & parking land use**. On-demand & dynamically routed shared AVs **maximize vehicle utilization** while bringing in riders into public transit.	Cutting-edge, costly AV tech is **democratized to broader public**. Data drawn from large rider base matures AV tech and innovates public transit through **diverse, real-life use cases**.

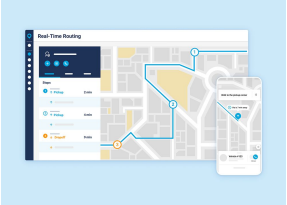
How does Via do it?

Via's turnkey solution — everything you need to smartly design & deploy your autonomous transit service.



Service Design Tools.

Data-driven service planning and performance optimization, including phased/ mixed AV & conventional vehicle services.

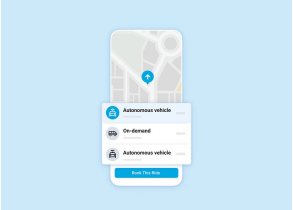


Microtransit Software Suite.

User-friendly technology designed for accessibility & customization; fleet management technology for on-demand, dynamic booking & routing.

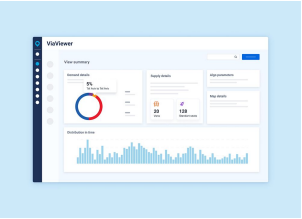
Custom-Branded Fleet.

Ability to deploy both AVs & conventional vehicles best suited to transit need (including WAV) & custom-branded to service.



Community Engagement.

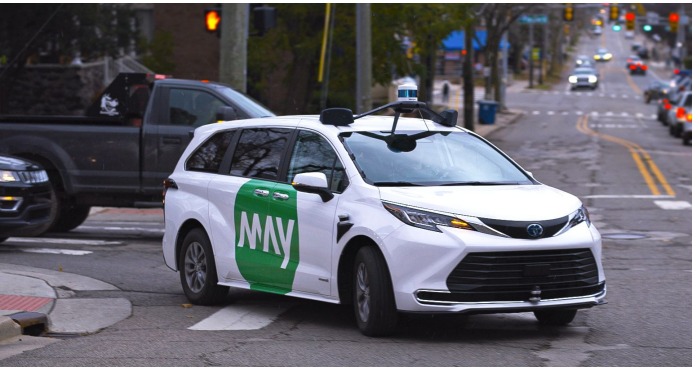
Marketing, community engagement & customer-facing tools to enable an educational, safe & comfortable AV rider experience.



Operations & Optimization.

Launch planning & day-to-day operations management with dedicated Via success manager & streamlined reporting tools.

We've partnered to deploy AVs for a variety of use cases...



...Around the world.

Select Via Case Studies

AV case study

RAPID: Arlington, TX

Challenge
The City of Arlington started piloting AVs in 2017. To continue to its transit innovation, the City sought to deploy AVs integrated within its existing public transit system.

Solution
In 2020, the City of Arlington was awarded a $1.7 million FTA grant. Via partnered with the City and May Mobility to incorporate five self-driving vehicles into the City's public microtransit service. Via built an integrated smartphone app for riders to book trips across downtown Arlington and UTA's campus in AVs or non-AVs.

Result
In March 2021, RAPID (Rideshare, Automation, and Payment Integration Demonstration) became the first service in the U.S. to integrate on-demand AVs into existing public transit. In March 2022, the City received state funding (NCTCOG - $5.5M) to extend RAPID for an additional 2 years.

AV case study

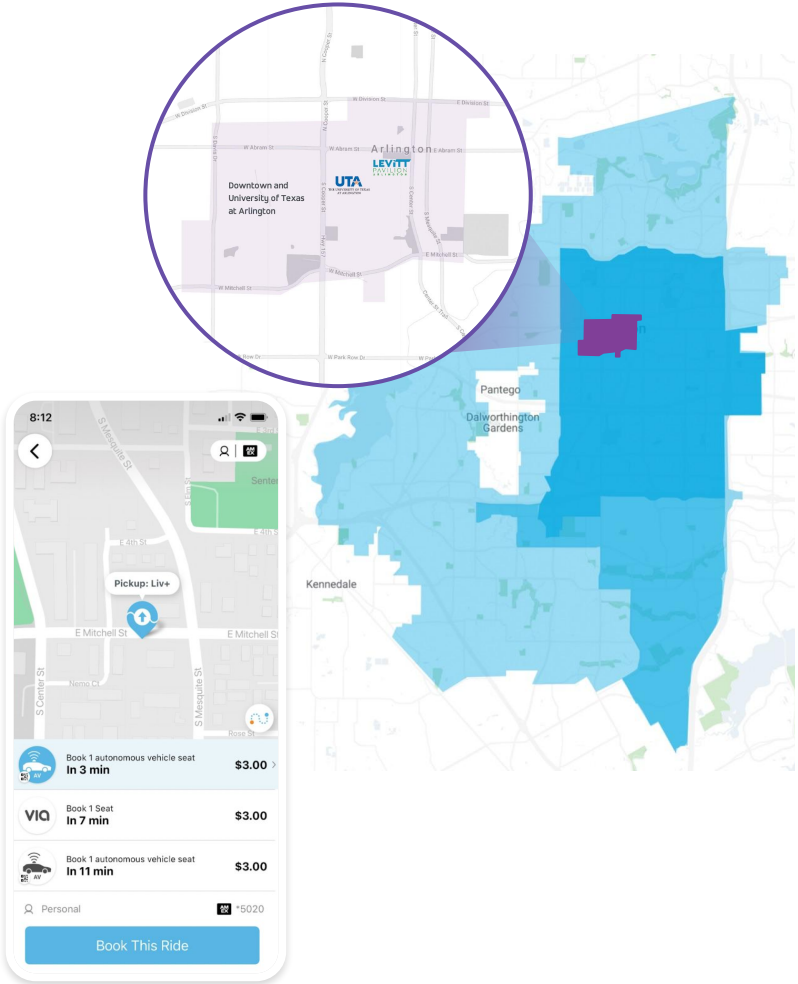
RAPID: Arlington, TX

Partners	MAV, Arlington, University of Texas Arlington
Service zone	1 square mile in downtown Arlington and UTA's campus
Fleet size	**4** self-driving Lexus SUVs and **1** WAV Polaris GEM
Service hours	**8am - 8pm** Weekdays
Riders	Students, residents, commuters
Use case	Mixed fleet, integrated with existing public transit

28k
autonomous rides provided in just under one year

7x
growth in monthly ridership since launch

13
average rides per RAPID rider, with 95% likely to ride again



AV case study

KelRide: Kelheim, Germany

Challenge
The County of Kelheim launched an autonomous service with Easymile in 2019, but it was limited to a fixed route and to seasons with moderate weather.

Solution
Via, Kelheim, the Technical University of Berlin, TUV Rheinland, P3, and Easymile were awarded a $10M BMDV federal grant to launch an on-demand autonomous microtransit service. Via's rider app and fleet management technology enables riders to book trips to/from the city center in either an AV or conventional vehicle and view & book connecting public transit options, while Easymile's AVs are weatherized for Kelheim's hilly terrain and foggy weather.

Result
KEXI launched in 2021 to serve the entire city of Kelheim with on-demand microtransit service. The service will expand over three years to include five Easymile AVs.

AV case study

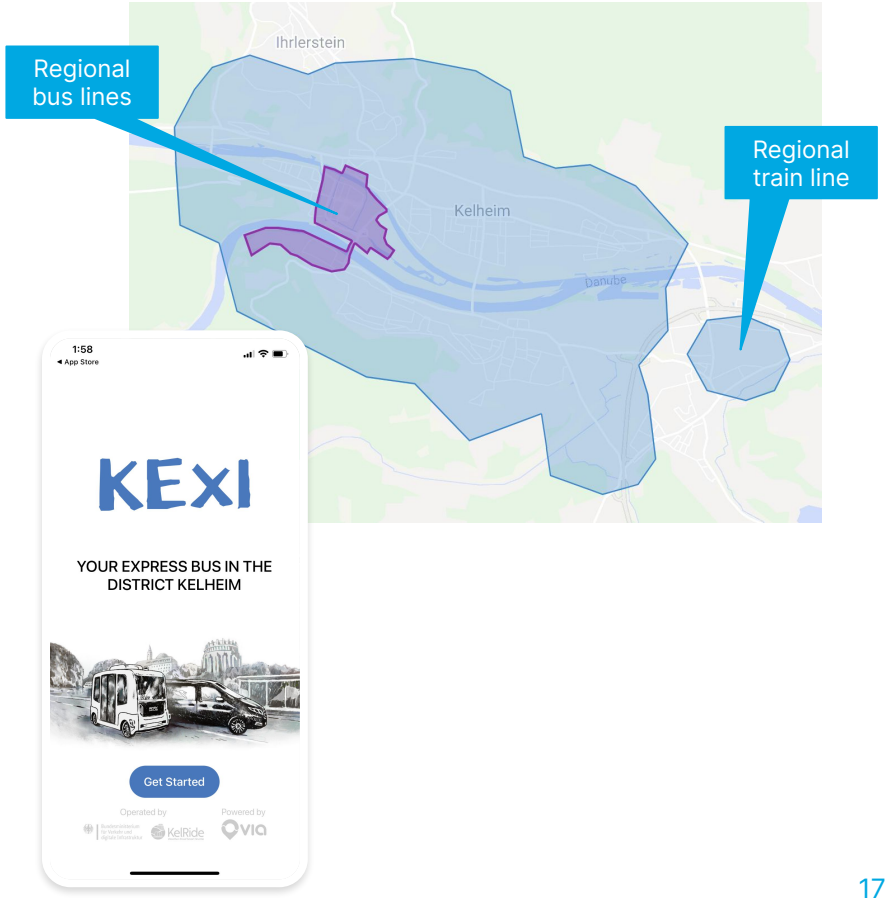
KelRide: Kelheim, Germany

Partners	Landkreis Kelheim, EasyMile
Service zone	**1** sq mi (Kelheim Old Town and industrial area along Danube)
Fleet size	**5** EasyMile roboshuttles (weatherized)
Service hours	**10am - 4pm** Monday to Friday (conventional: 6am-11pm Mon-Sat)
Riders	Commuters to city-center & local train station, tourists
Use case	FMLM, mixed AV/non-AV fleet, intermodal transit

40k
conventional rides provided in the first 11 months

€0
AV service is free to encourage ridership

30-40
expected rides per day, based on holistic transport simulations



Thank you.

For more information please contact:

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