

beep

Autonomous Mobility Solutions



MEET BEEP



Leading the largest public roadway AV deployment project in North America

SOLUTION

Autonomous Mobility as a Service provider offering fully managed mobility solutions to both public and private communities

APPROACH

Specialize in the planning, deployment, and safe operations of multi-passenger, controlled speed autonomous vehicles in geofenced use cases

OFFERING

Technology enabled service, purchased as a managed asset or consumed as turn-key solution

RECORD

18,000 passengers safely carried along initial route in first 6 months; established relationships with state and federal regulators

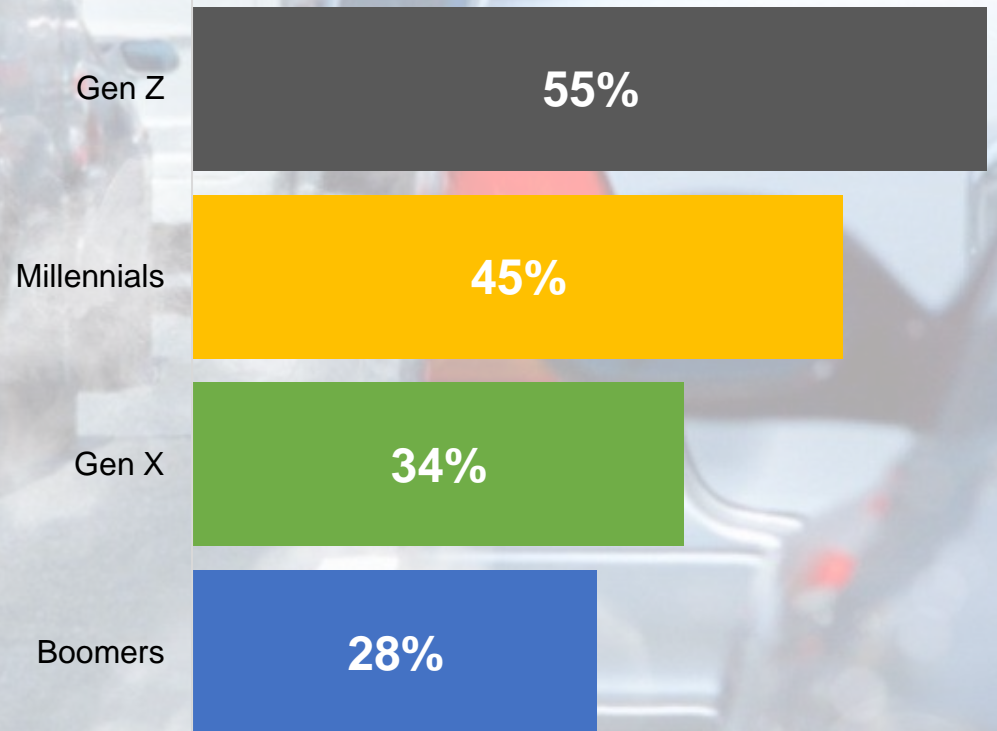
LEADERSHIP

Team of technology entrepreneurs and experienced fleet managers; privately held and well-funded

THE OPPORTUNITY

- Urbanization is driving the development of integrated town centers and “live-work-play” communities
- City centers are suffering from traffic congestion and parking shortages
- Uber and Lyft are having an additive affect on congestion
- Alternative means of transportation to personal vehicles is becoming the generational norm
- A growing eco-conscious population is demanding electric mobility options
- Human error causes 90% of all accidents, and distractions are only getting worse

Having Transportation is Necessary, But Owning a Vehicle is Not (% Agree)

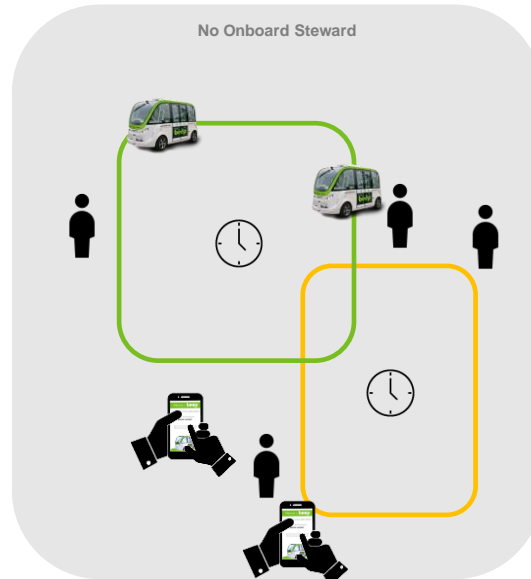


Source: <https://www.coxautoinc.com/learning-center/2018-mobility-study/>

OUR SOLUTION

Beep is focused on deploying today's technology ahead of tomorrow's use cases, growing the market as technology and regulations evolve.

- 1 Fixed Route
- 2 Hailing
- 3 Variable Route
- 4 Orchestrated
- 5 Fully Autonomous



- Offer multiple platform options depending on route and operating requirements—distributor for multiple vehicle platforms
- Provide end to end deployment services from route assessment through regulatory approval and launch—strong relationships and proven track record with USDOT, FDOT and NHTSA
- Support for turn-key or turn-over operations, inclusive of training and risk/safety planning
- Facilities for remote monitoring and management, including regular service quality assessments
- Robust digital out of home advertising service with options for revenue share—lower TCO

OUR SERVICE

MONITOR

Real-time supervision of vehicles, managing the availability, performance, and safe operations of on-road vehicles

RESPOND

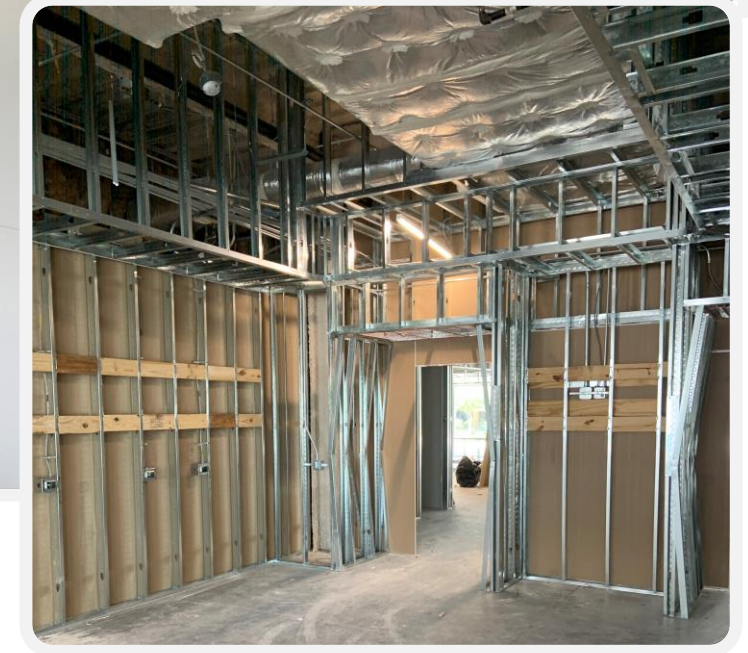
Proactive service management and incident response through resolution

AUDIT

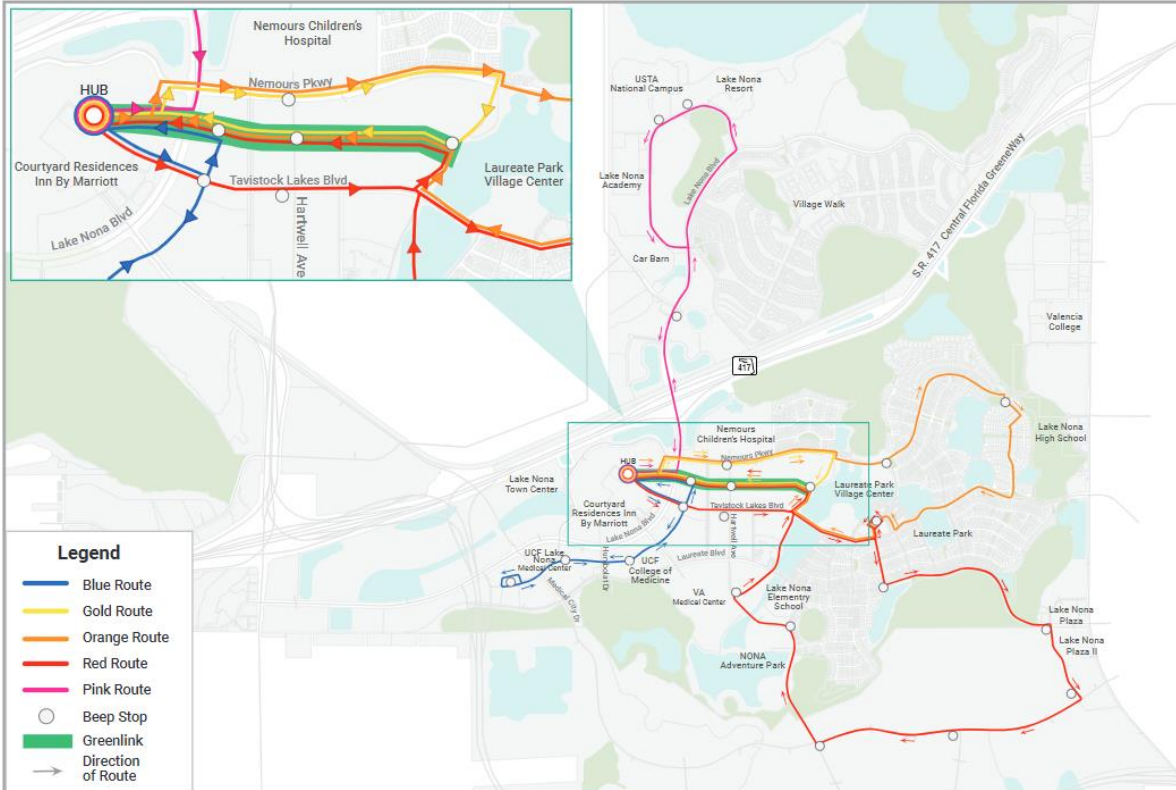
Regular audit of vehicle telemetry and logs to validate safe and secure operation of fleet

IMPROVE

Analytics providing a means for continuous improvement of service availability and ride quality



CASE STUDY – LAKE NONA, FLORIDA



MOVE NONA

- 8 shuttles in service, expanding to 12 by year end
- 22+ miles of multi-model paths by end of 2022

BUSINESS DRIVERS

- Provide a safe and reliable alternative to personal transportation
- Reduce congestion and parking sprawl
- Increase real estate values by attracting new businesses, residents, and visitors
- Advance the Lake Nona brand for technology leadership and innovation
- Impact Lake Nona commitment to the reduction of carbon emissions

BEEP ANNOUNCED AS NHTSA AV TEST PARTNER



Beep selected as one 17 participants of *AV TEST Initiative supported by USDOT and NHTSA:*

- 3 Pillars: Public portal, Townhalls, Industry/Government meetings
- Beep among the named industry launch partners
- Engage in meaningful and informed dialogue between participants, USDOT, and public to enhance the opinion of AV technology on U.S. roads
- [Read the announcement](#)



COVID-19: REVISED SERVICE PLAN

5 key points to Beep's C-19 service plan



Strategic partnership with 3rd party company to enhance cleaning and sanitizing process prior to the start of daily service



Shuttle decontamination procedure for confirmed onboard COVID-19 case



Pre-shift temperature checks for shuttle attendants, increased shift cleaning, and mask requirement



60% shuttle capacity with assigned onboard seating arrangements with party grouping; mask requirement



Onboard hand sanitizer and wipes available to passengers and attendants

[Services](#)[Projects](#)[Careers](#)[Buzz](#)[About](#)[Support](#)[Advertising](#)[Move Nona](#)

New COVID-19 practices for our shuttle service [click here](#)



Back on the road:

- [New processes and procedures](#) blended best C-19 guidelines from ride-sharing companies and transit agencies
- Community outreach achieved by utilizing [Lake Nona's](#) and [Beep's](#) website and [social media channels](#)
- [Phased in service approach](#) mirroring re-opening of local community



The
Challenge



Our
Solution



The
Economics



Our
Business

© 2020 Beep, Inc. Private and confidential.

8

beep

Autonomous Mobility Solutions

