



# May Mobility

US/Spain CAV | October 2020

**Nina Grooms Lee**  
Chief Product Officer

HI! WE'RE  
MAY MOBILITY!

NICE TO  
MOVE YOU!



**OUR AUTONOMOUS  
TECHNOLOGY  
TRANSFORMS CITIES**

**TO CREATE A GREENER,  
MORE ACCESSIBLE WORLD.**





**We operate fleets of autonomous shuttles running our own self-driving software for central business districts, enterprise campuses, and residential communities.**

# Our Offering

---



## Route Development

May engineers work closely with our customers to identify, map and develop custom routes to meet the specific and evolving needs of our customers.



## Turnkey Service

We outfit and maintain our fleet of autonomous shuttles, train and deploy May-employed Fleet Attendants for outstanding rider experiences, and provide a constant feedback loop for our customers.



## Robust Data

Data from our deployment is shared with partners to help plan development, traffic flow, future city infrastructure, and help prioritize investments for cities and companies alike.

# Municipalities and enterprises outsource transportation, but riders aren't happy.

**30%**

Of all trips are less than 3 miles

**\$11B**

TAM just for local people mover solutions

**-30**

Rider NPS for shuttle buses (worse than cable cos)

# Our Current Route Partners



HIROSHIMA UNIVERSITY



# Powered by best-in-class technology.





# Clean & Green – Sanitized Shuttle Service



May's 3.2 mile autonomous route in Grand Rapids, Michigan, had given over 62,000 rides and driven over 14,000 autonomous miles when the COVID-19 pandemic disrupted service in March 2020.

May worked alongside our partners to innovate and implement an industry-leading enhanced CleanShuttle to provide safe, shared mobility for our riders. The service relaunched in August 2020, with features including:

- **Physical partition** – physically separating drivers and riders
- **GHSP grēnlite™** – a UVC light treatment which runs in between each rider
- **Halosil International™ HaloFogger® Disinfection System** – a hospital-grade hydrogen peroxide system run after each shift
- **Enhanced MERV-13 HVAC filters**
- **Hand sanitizer mounted on-board**

# Autonomy Stack



## Perception system

The May Mobility perception system combines LIDAR, radar, and camera data to accentuate the strengths of each sensor while covering the weaknesses to create a full, rich view of the world around the May Shuttle.



## Decision-Making Behavior System

May Mobility's unique Multi-policy Decision Making Behavior framework allows our vehicles to treat driving as a social activity, simulating how all agents in the environment would react to different actions

# The May Difference

## Unique Approach to Autonomy

Using the Multi-Policy Decision Making behavior framework, our vehicles are safer, are better citizens of the road, and are faster to demply on a route than our competitors.

## Seamless Platform Integration

Our ADK stack is built to integrate into a variety of platforms, allowing for a customized shuttle fleet based on the needs of our customers.

## Bridging First & Last Mile Gaps

Unlike traditional ridesharing, our service is designed to work alongside and integrate into existing urban transportation systems, helping to bridge first and last mile gaps to bring additional needed mobility and accessibility.





**Thank you!**