

GENIE MOBILITY

Autonomous Delivery E-Trikes





Andrew Hughes

Founder & CEO



6+ years of robotics & automation experience.



8th employee, 3rd engineer at Fyto¹ (AgTech / autonomous farming).



8th employee, 5th engineer at Truebird² (FoodTech / autonomous coffee kiosk).



Proven builder and leader.



Northeastern University Mechanical Engineering & Robotics.



Very frustrated food delivery app power-user.



The Team



Andrew Hughes
CEO

Ex-Fyto, Ex-Truebird



Cullen Lampasso
Founding Engineer
(Embedded System)

Ex-Fyto, Ex-SharkNinja



Valerie Peng
Founding Engineer
(Hardware)

Ex-Fyto



The Problem | Urban Delivery is Brittle



labor accounts for at least half of last-mile logistics costs



Logistics infrastructure not setup for growing point-to-point delivery demand (i.e. meals)



Consumers demand low delivery timelines



Our Solution | Genie Bike Specs



Fully autonomous (**L4**) and internet connected



Up to **25 mph** on **local roads & bike lanes**



Transparent & certified end-to-end delivery process



Delivers all day with over **10 hours** of rechargeable, all electric energy



44x32x24" cargo volume, **100lb** cargo mass



Product Progression

Prototype: May 2025



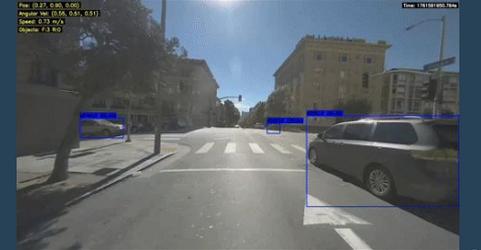
50X

V0: July 2025



10X

V0.25: September 2025



Now Is The Time

“Every 2 years or so, there are big technological leaps. In the last 2 years, there's been a **bigger jump than ever...a revolution**” - Drago Anguelov (VP / Head of Research @ Waymo)



VLM / Transformers

Massive leap in e2e generalizability.



Embedded Computing

Accessible, real-time capable hardware.



AV Infrastructure

Data engine, simulation are simplified



Regulatory

National framework taking shape.



Market Size | Micro Mobility Logistics Revenues

\$66B in 2024 with **18%** CAGR



QSR Meals

\$42.5B



Grocery

\$14.2B



Package /
Parcel

\$6.7B



Alcohol /
Prescriptions

\$2.6B



Go To Market

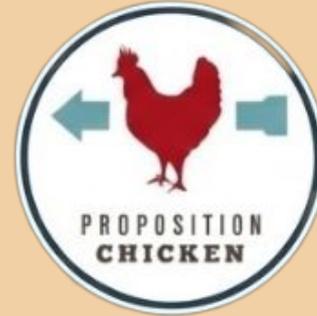
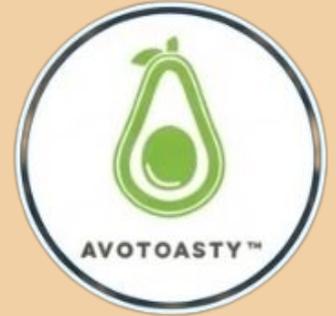
Perform **first-party meal deliveries** for owned chains



As fleet scales

Delivery-as-a-service provider through partnership & integration

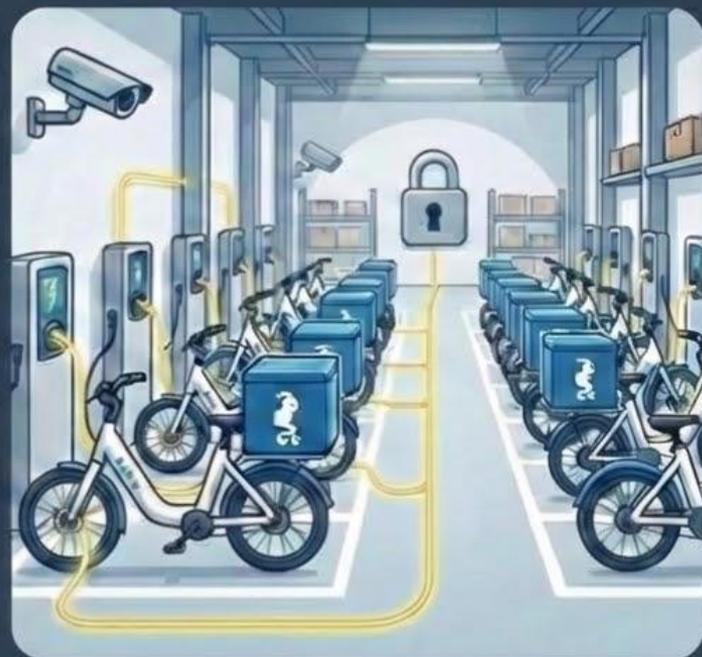
In discussion with these brands & more



Operational Strategy | Own Our Fleet

- ✓ Co-located warehouse in city with fleet operations partner
- ✓ CapEx gets paid off in under a year

Bike Cost	\$9551
Delivery Fee	\$4.00
Deliveries	18 / Day / Bike
Bike Revenue	\$72.00 / Day / Bike
Bike Payback Period	133 Days



OpEx total is \$200 / month for maintenance, wireless connectivity, electricity & insurance



Competition | They Can't Scale

5x more delivery throughput than sidewalk robots, 25x cheaper than autonomous cars

	 Sidewalk Robot	 Drone	 Autonomous Car	 Autonomous Bike
 Architecture				
 Full Autonomy	✓	✗	✓	✓
 High Speed	✗	✓	✓	✓
 Large Payload	—	✗	✓	✓
 Capital / Energy Efficient	✓	—	✗	✓

Sidewalks were meant for walking



Thank You!

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