



AUTONOMOUS DELIVERY ROBOTS

www.ottonomy.io



ABOUT OTTONOMY.IO



AWARDS



Ottonomy **robots** help manage labour shortages for retail and restaurant industries. Our autonomous robots can deliver food & beverages, groceries and eCommerce packages for curb-side, last mile, and indoor environments.

Ottonomy robots are available on a **“RaaS” (Robotics as a Service) model**. Our customers get access to a scalable & economical delivery option as compared to traditional 3rd party delivery services.

Above all, our robots are helping **reduce carbon emissions and save the environment**.

FEATURED IN



OUR TEAM



Co-Founders



Ritukar Vijay
Chief Executive Officer

- 60+ patents
- 16+ years in Autonomous Driving
- Led BMW Urban Autopilots in Germany



Pradyot Korupolu
Chief Technology Officer

- 100+ autonomous mobile robots
- 10+ years robotics experience
- MS - Reinforcement Machine Learning - **IIT Madras**



Ashish Gupta
Chief Engineer - Design & Manufacturing

- 12+ years of Robotics experience
- Handled mass manufacturing for 600+ robots a month
- B.Tech from **IIT Roorkee**
- Design Thinking - **MIT**



Hardik Sharma
Chief Engineer, Robot & Cloud Integration

- 12+ years of Robotics & Cloud experience,
- Ex- **Grey Orange**
- Systems Engineering - Cornell University

Accelerators



Prajwal Deshkar
Business Strategy & Growth

- Ex - Startup Founder
- MS Engineering + Business
Carnegie Mellon University



Zach Cuda
Customer Success

- Bachelors of Business Administration & entrepreneurship
Xavier University



Akash M. Singhal
Principal Product Manager

- Ex- Bamboo box
- Cofounded Zen Miles, Xefyr
BITS Pilani



Akansha Kaushik
Project Manager

- 5+ yrs exp. - Project Management
- Visiting Professor at **IIT Delhi**
Ex- Google

MARKET OPPORTUNITY

~100% Increase
in hourly wages

2.3 Million
Labour shortage



\$7.5 Billion
Retail



\$4.2 Billion
Quick Service
Restaurants



\$1.0 Billion
Airports

\$12.70 Billion Market

AUTONOMOUS DELIVERY ROBOTS



Outdoor Deliveries
Last Mile (Sidewalks)
Curb-side (Parking Lot)

Indoor Deliveries
Airports, Malls, Casinos, Retail Centers



ROBOT FEATURES



Level 4 Autonomy

Ottobots

Scalable & Modular

Plug & Play APIs

**Indoor & Outdoor
operations**

**4x4x4 Drive Train
4-wheel drive &
4-wheel steering**



ROBOT FOR INTRALOGISTICS



SCALABLE & MODULAR



Ottobot Classic
Multipl compartments with
shutters



OttobotLocker
Mobile 1/4/8 lockers

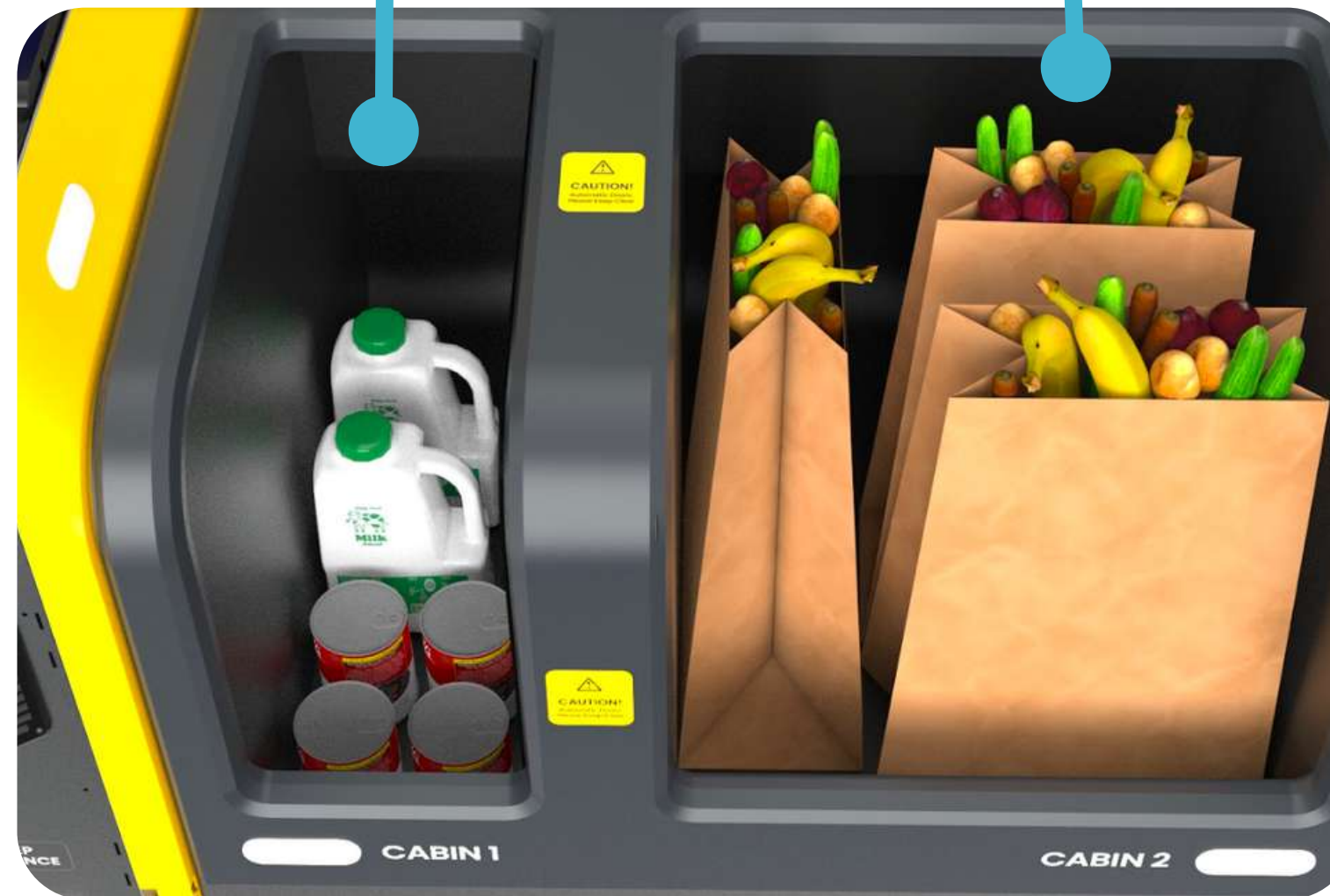


Ottobot Brew
On wheels vending for drinks
& snacks

PAYLOAD CAPACITY



Cabin 2
6.8 x 16.7 X 16.5 inches
Vol: **1830** Cubic inches



Cabin 3
15.9 x 16.7 X 16.5 inches
Vol: **4400** Cubic inches

132 lbs
Total payload
Capacity up to

**Volume & weight
capacity = Standard Grocery
Shopping Cart**

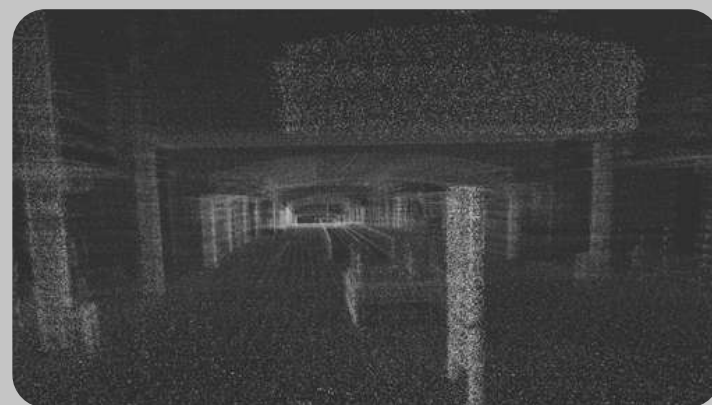
L4 OTTONOMY ENGINE



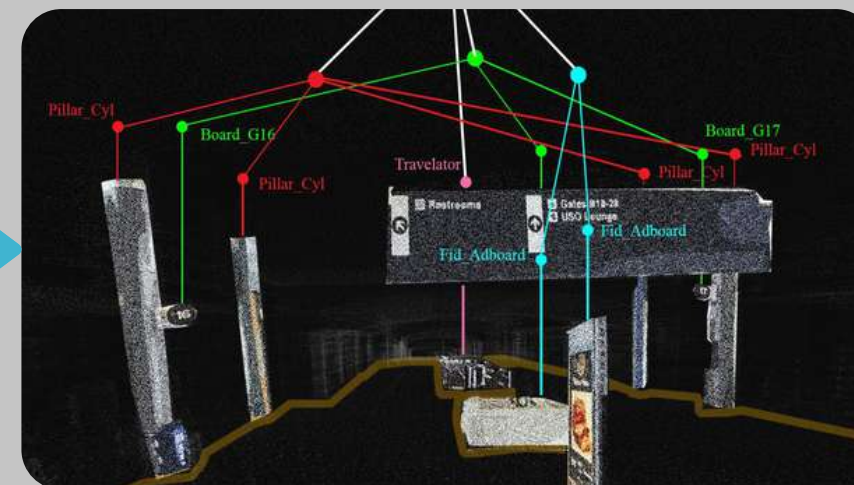
Contextual Navigation Engines



Semantic Information



Geometric Information

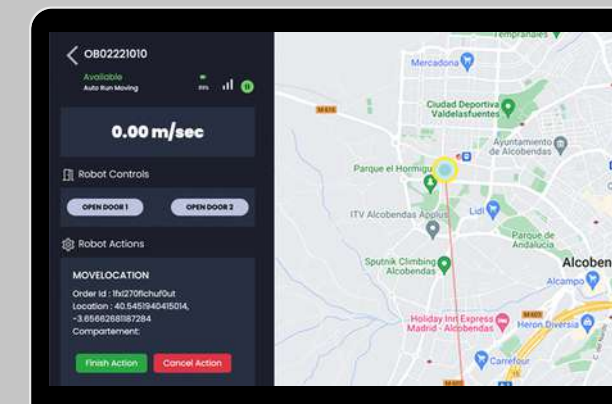


High Information Maps

Monitoring & Fallback Teleop



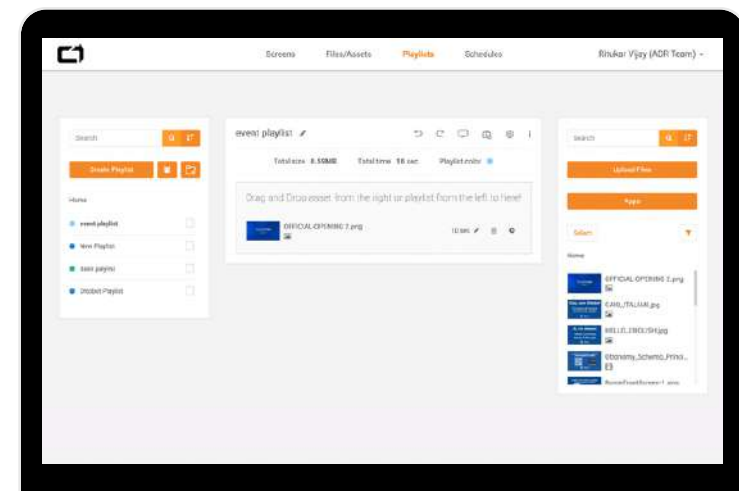
Monitoring, Tracking and Safety control of the Robots



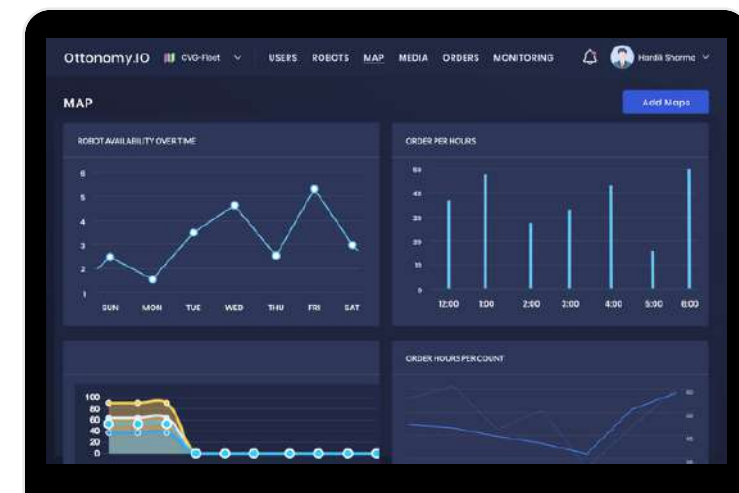
Live Fleet Management

15 Granted out of 24 filed patents

ADVERTISEMENTS & ANALYTICS



**Interface for running
Advertisements**

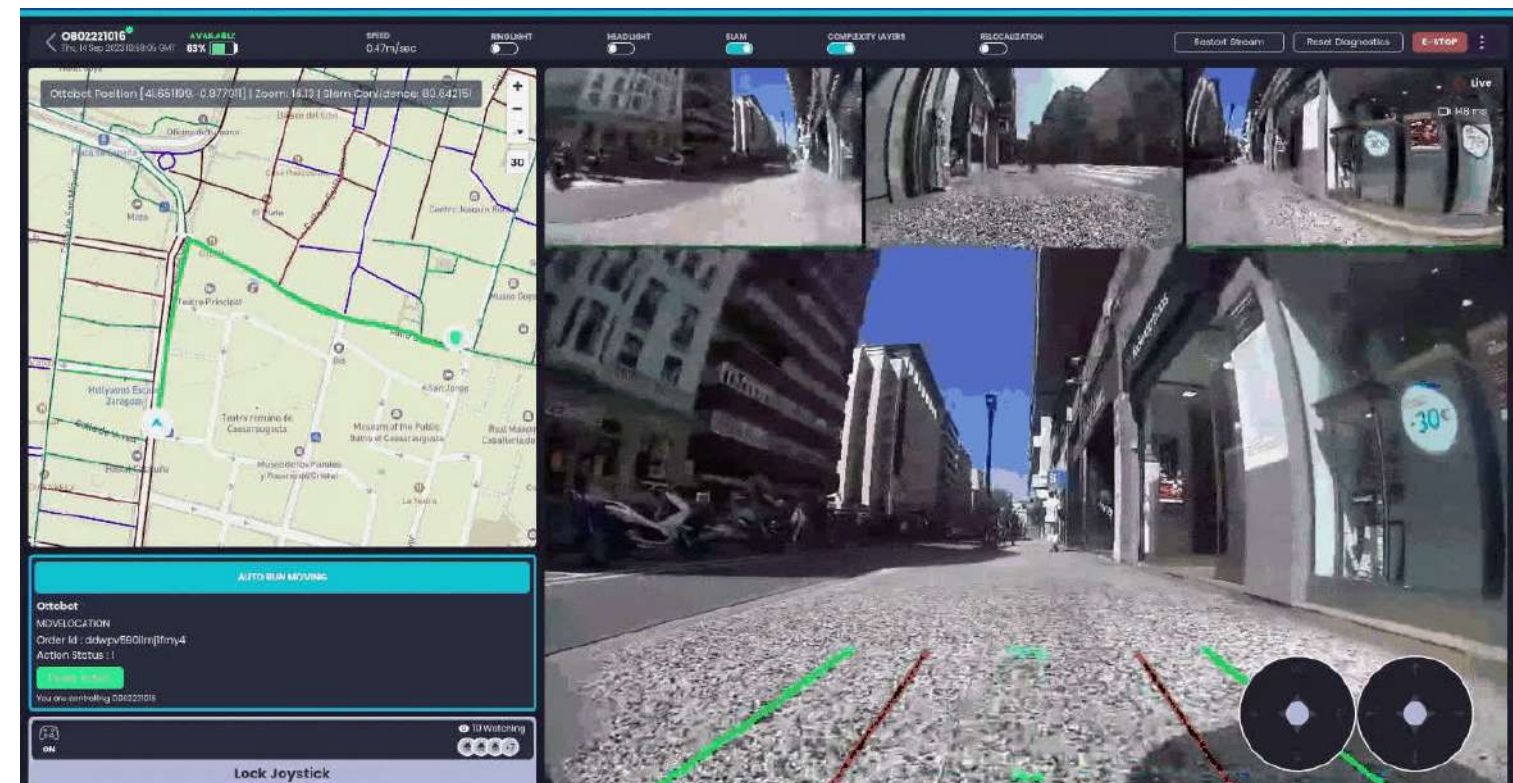


**Analytics for
Business Intelligence**

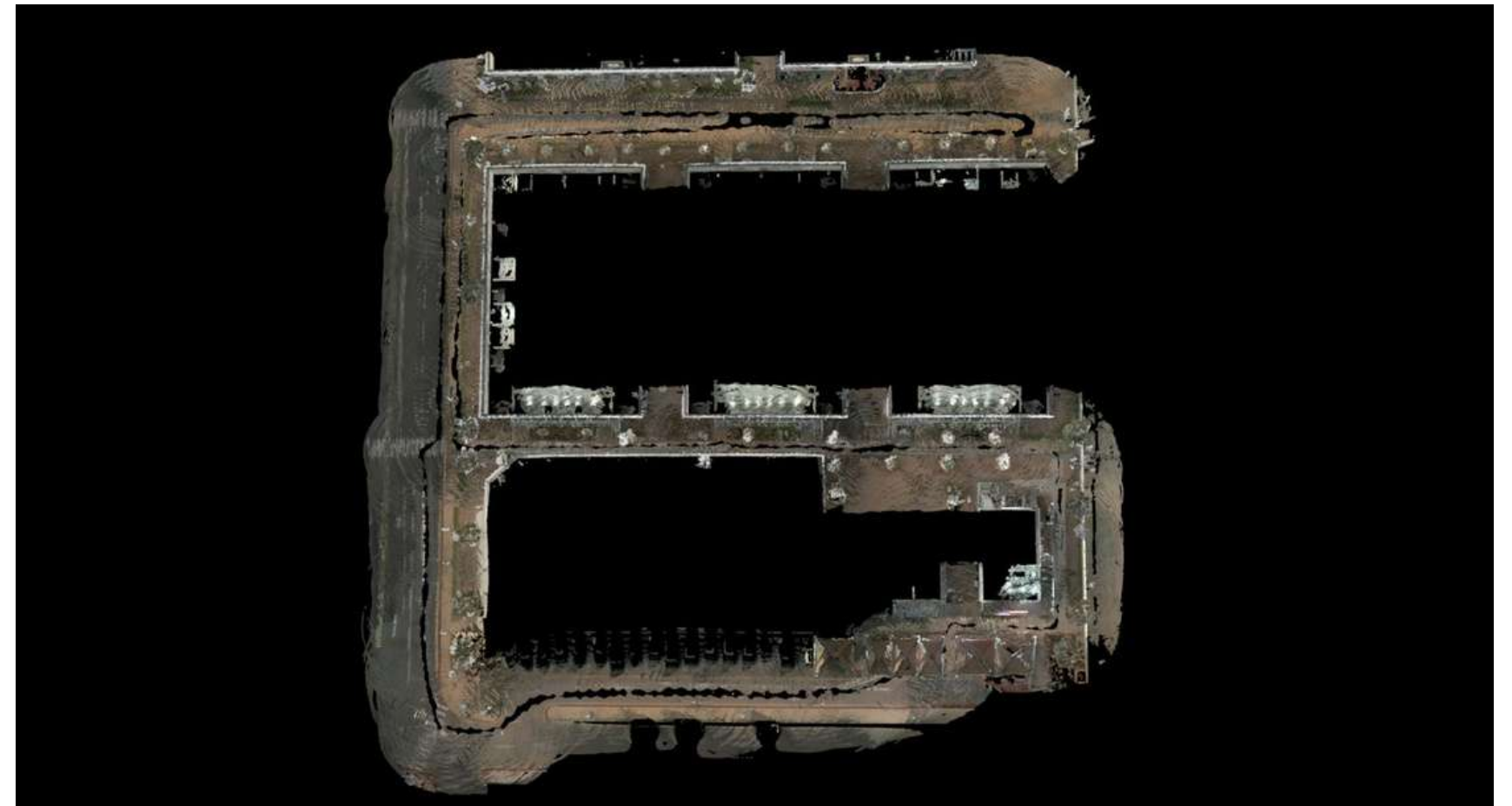


- 2X Digital Screens
- Wrap-around Ads
- Top Static Ad

L4 OTTONOMY ENGINE



DIGITAL TWINS








COMPETITION OVERVIEW



Company ›	Starship	Serve Robotics	Ottonomy	Coco	Kiwi Campus
Level of Autonomy	Assisted teleoperation (Semi-Autonomous)	L4 Autonomous	L4 Autonomous	Teleoperation	Teleoperation
Operating Environment	College Campus (Outdoor)	Hyperlocal Last Mile (Outdoor)	Hyperlocal Last Mile, Curbside, Campus & Airports, (Outdoor & Indoor)	Hyperlocal Last Mile (Outdoor)	College Campus (Outdoor)
Payloads	Food & Beverages	Food & Beverages	Food & Beverages, Retail and Parcels	Food & Beverages, Quick retail	Food & Beverages
Deliveries per trip	Single Delivery per trip	Single Delivery per trip	Multiple Deliveries per trip (2 / 4 / 8)	Single Delivery per trip	Single Delivery per trip

CAPABILITIES COMPARISON

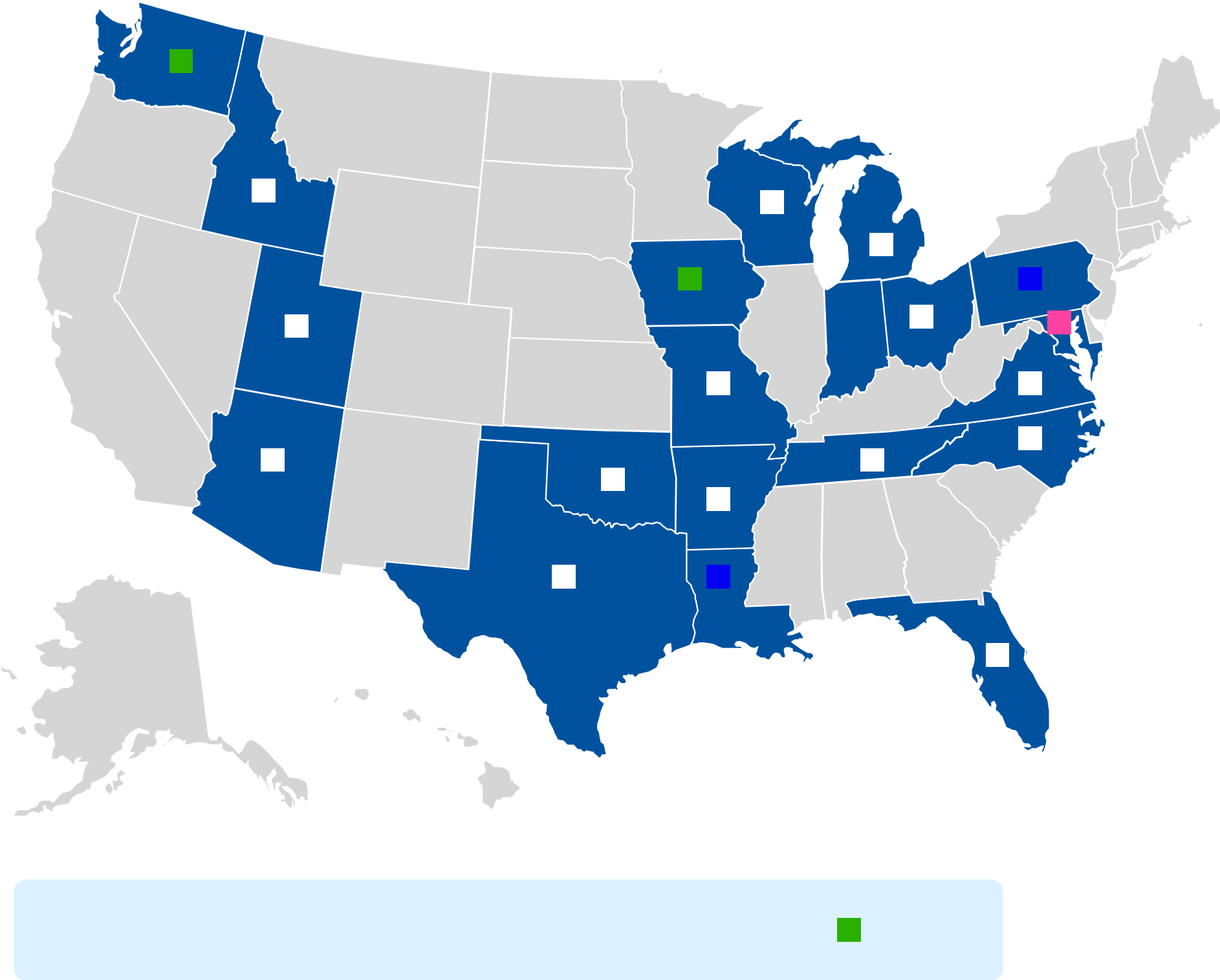


Capabilities	 Starship	 Serve Robotics	 Ottonomy	 Coco	 Kiwi Campus
Last-Mile Delivery - Sidewalks	✓	✓	✓	✓	✓
Configurable Payload (Multiple Orders)	✗	✗	✓	✗	✗
Autonomous Indoor & Outdoor Navigation	✗	✗	✓	✗	✗
Integrated Digital Advertising	✗	✗	✓	✗	✓
GPS independent localization	✗	✗	✓	✗	✗
Unattended Delivery Option / Locker on Wheels	✗	✗	✓	✗	✗

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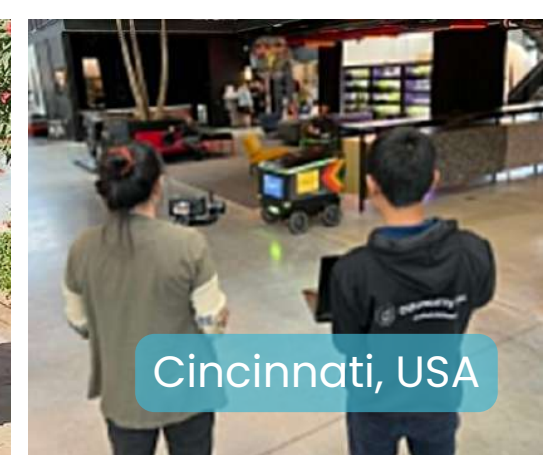
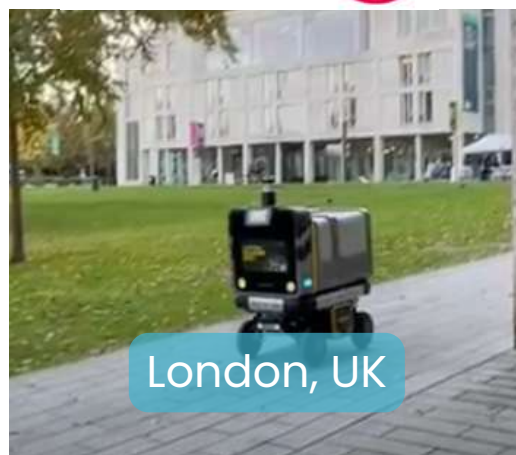
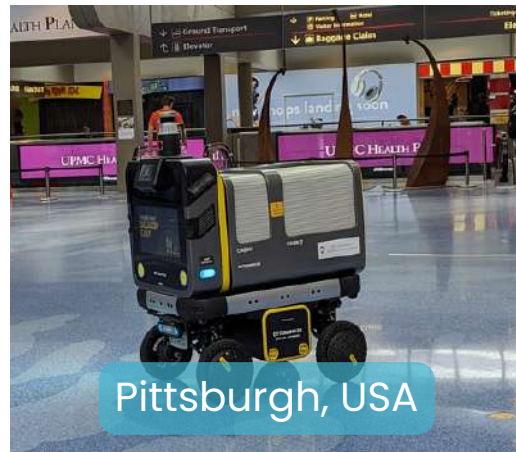
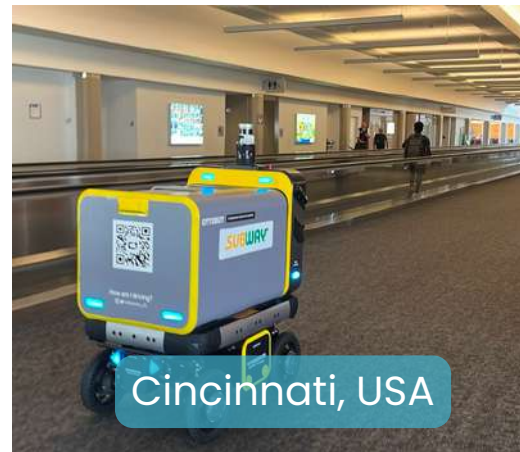
US States

Allow robot on sidewalk with specific payload and speed limits



Arizona 100 pound, 10 Mph	Arkansas 500 pound, 10 Mph
Florida Unspecified, 10 Mph	Idaho 80 pound, 10 Mph
Indiana 500 pound, Unspecified	Iowa 550 pound, 6 Mph
Louisiana 500 pound, 12 Mph	Maryland 200 pound, 7 Mph
Michigan 1000 pound, 10 Mph	Missouri 750 pound, 10 Mph
North Carolina 750 pound, 10 Mph	Ohio 90 pound, 10 Mph
Oklahoma 550 pound, 10 Mph	Pennsylvania 550 pound, 12 Mph
Tennessee Unspecified, 10 Mph	Texas Unspecified, 10 Mph
Utah Unspecified, 10 Mph	Virginia 500 pound, 10 Mph
Washington 120 pound, 6 Mph	Wisconsin 80 pound, 10 Mph

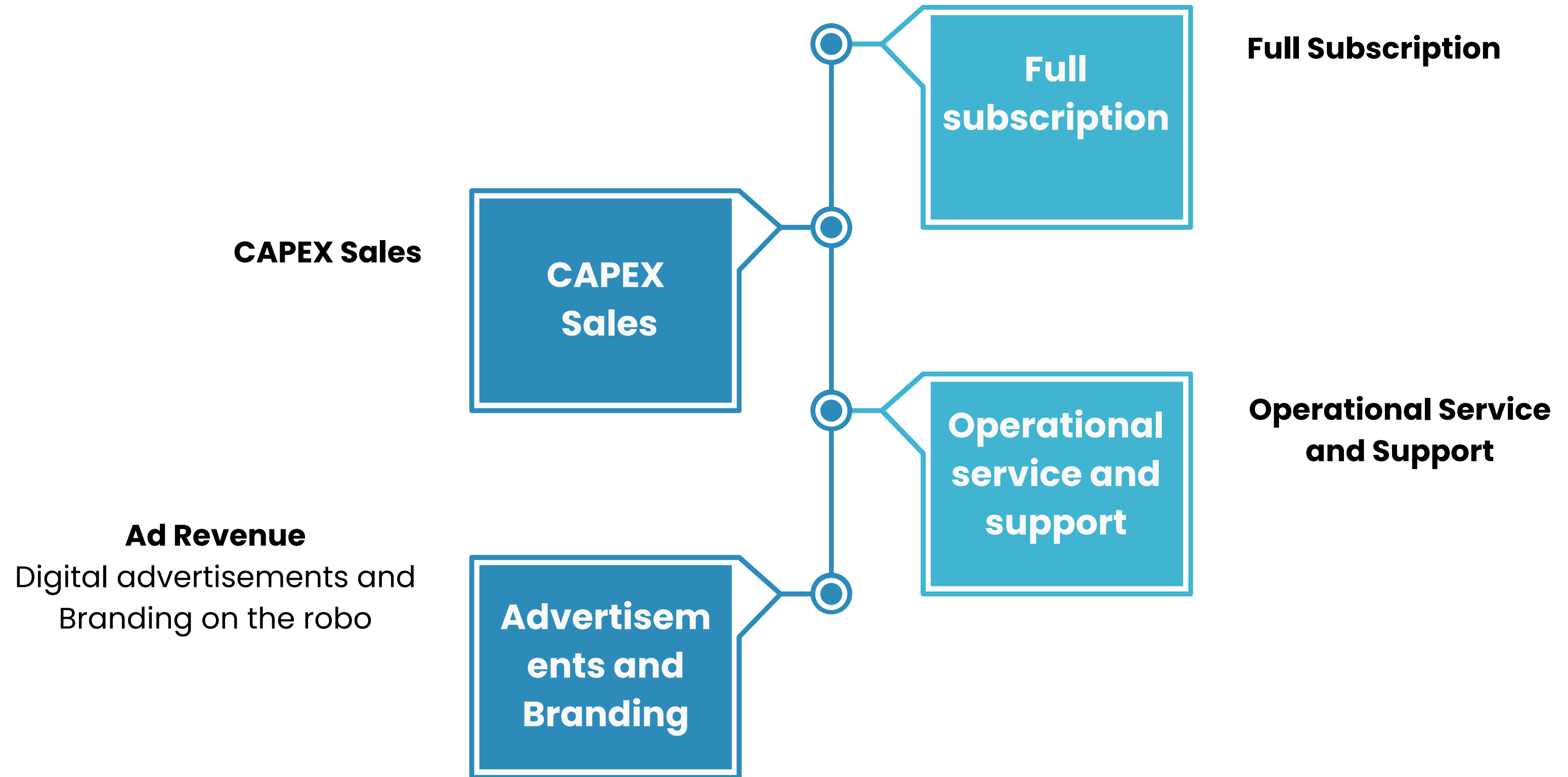
LIVE DEPLOYMENTS



SALES PIPELINE



REVENUE STREAMS



*** Order value revenue share - Building specifically where we are offering end to end service - app, dashboards, analytics and ottobots*



BACKED BY

Raised
**\$5.9
million
USD**

Advised By



Richard Bishop



Alex Burkhart

Backed BY



LOCKER ONE VENTURES

Our Team

50+

Rockstar Team
in US & India

Our Super Angels

- Nikhil Tyagi, ex. Apple, ex-Tesla, CA
- Aatish Kumar, VP, Delta Corp, UAE
- Atul Kumar, Cofounder FreshVnF, Fraazo
- Ravi Vijay, VP- Data Analytics, Genpact, NY
- Sateesh Korupolu, Sr. Director, NXP, Singapore

- Sean IR, Ex. Head of Partnerships, Grubhub, NYC
- Alex Burkhart, Serial Entrepreneur, Cincinnati
- Sangeet Kumar, CEO Addverb Technologies
- Abhishek Madan, Sr. Advisor, Data Analytics, AWS
- Bir Singh, Cofounder Addverb
- Vinay Dasa, Founder Team Expat, Netherlands

- Nikunj Jain, Angel Investor – Rapido, Inc42
- Sandeep Agarwal – Founder: Droom, Shopclues
- Anil Advani, Managing Partner, Inventus Law, CA
- Satish Shukla, Cofounder Addverb
- Prateek Jain, Cofounder Addverb
- Baadal Kumar, Energy & Utilities – Accenture, TX



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Brooklyn, NY 11205, USA

INDIA

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Assotech Business Cresterra,
Sector-135, Noida, 201305, India

🌐 www.ottonomy.io

RITUKAR VIJAY
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A red and yellow autonomous delivery robot (OTTONOMY) is shown on a pier at sunset. The robot has a red body with yellow accents and blue lights. It features a QR code and text in Norwegian: "Bli kjent med meg" (Get to know me), "Hold avstand" (Keep distance), "Jeg er under opplæring" (I am under training), "posten" (the post), and "Jeg utforsker fremtiden" (I am exploring the future). The background shows a sunset over the water with a building and a pier.

Thank You