SAFE DEPLOYMENT OF AUTONOMOUS DRIVING TECHNOLOGY AT SCALE

Amisha Vadalia, Sr Director of Operations

September 2022

AUTONOMY:
WHY TRUCKS?

- Driver shortage

- Increased accidents

- Rising operational costs

Over 70% of goods we eat and use every day are moved by trucks

Last year, there was a shortage of 80,000 truck drivers in the U.S. and the number is increasing

Plus

OUR MISSION:
MAKE TRANSPORTATION SAFER, EASIER, AND MORE SUSTAINABLE

Founded in 2016

with a focus on commercial vehicles
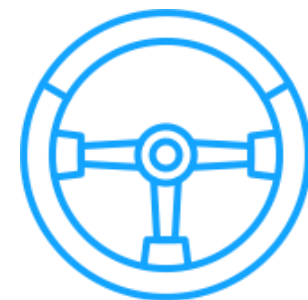
Global Operations

U.S. HQ,
Europe & China offices

300+ People

(and growing)

Driver-out demos in 2018 & 2021

~Billions of miles

Cumulative real-world miles targeted for validation to deploy fully driverless trucks

First commercial product in market now

PlusDrive

powered by ✛Plus

✛Plus

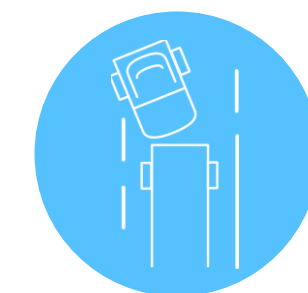# PLUSDRIVE COMMERCIAL DEPLOYMENT PROGRESSIVE APPROACH

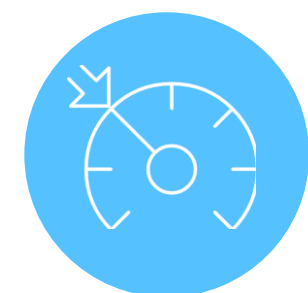|	**PlusDrive** IN COMMERCIAL DEPLOYMENT NOW	**PlusDrive Full Autonomy** IN SEVERAL YEARS
Technology Stack	Level 4 Repackaged for Driver-In	Level 4
Operational Design Domain	Highway Only	Hub-to-Hub
Feature	Driver-in	Driver-out
Installation	Retrofit / Upfit / OEM pre-install	OEM install
Safety Level	Fail-safe driver takeover	Fail-tolerant

Plus

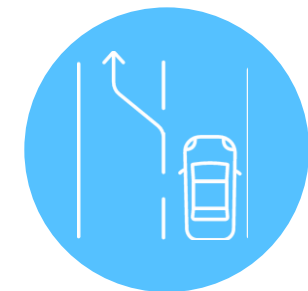# PLUSDRIVE
SELECT FEATURES

- Lane Centering
- Merge Handling
- Adaptive Cruise Control
- ODD Checker
- Driver-Initiated Safe Lane Change
- Driver Attentiveness Detection
- Traffic Jam Assist
- Self-Calibration
- Predictive Fuel Optimization
- OTA Updates
- Automatic Collision Avoidance
- Driver Training

Forward-Facing Cameras

Driver Monitoring System & Human Machine Interface (PlusDrive)

Radar, Rear-Facing Cameras, LiDAR

Radar, Side-Facing Cameras, LiDAR

GNSS/INS (Navigation Sensors) & Autonomous Driving Unit
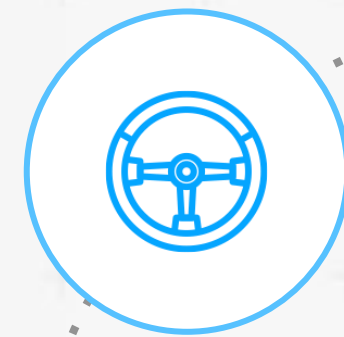
Radar

PlusAI, Inc.
USDOT3173394

K004DM

YP26934

(INSERT L4 DEMO VIDEO)

OUR APPROACH TO AUTONOMY
WITH FULL SUITE OF AUTONOMOUS DRIVINGS SOLUTIONS

Semi autonomous to fully autonomous solutions

Powertrain agnostic

Platform agnostic

Already delivering to customers

Plus

Plus

THANK
YOU

AMISHA VADALIA

amisha.vadalia@plus.ai

www.plus.ai