SAFE DEPLOYMENT OF AUTONOMOUS DRIVING TECHNOLOGY AT SCALE

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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.
### OUR MISSION:
**MAKE TRANSPORTATION SAFER, EASIER, AND MORE SUSTAINABLE**

<table>
<thead>
<tr>
<th>Founded in 2016 with a focus on commercial vehicles</th>
<th>Global Operations U.S. HQ, Europe &amp; China offices</th>
<th>300+ People (and growing)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driver-out demos in 2018 &amp; 2021</td>
<td>~Billions of miles Cumulative real-world miles targeted for validation to deploy fully driverless trucks</td>
<td>First commercial product in market now <strong>PlusDrive</strong></td>
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# PLUSDRIVE COMMERCIAL DEPLOYMENT PROGRESSIVE APPROACH

<table>
<thead>
<tr>
<th>Technology Stack</th>
<th>PlusDrive (IN COMMERCIAL DEPLOYMENT NOW)</th>
<th>PlusDrive Full Autonomy (IN SEVERAL YEARS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 4 Repackaged for Driver-In</td>
<td>Level 4</td>
<td></td>
</tr>
<tr>
<td>Operational Design Domain</td>
<td>Highway Only</td>
<td>Hub-to-Hub</td>
</tr>
<tr>
<td>Feature</td>
<td>Driver-in</td>
<td>Driver-out</td>
</tr>
<tr>
<td>Installation</td>
<td>Retrofit / Upfit / OEM pre-install</td>
<td>OEM install</td>
</tr>
<tr>
<td>Safety Level</td>
<td>Fail-safe driver takeover</td>
<td>Fail-tolerant</td>
</tr>
</tbody>
</table>
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
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
THANK YOU

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