

# Grab and A2Z Pilot Autonomous Shuttle Bus in Singapore

2025-07-08

- Autonomous shuttle to serve Grab employees between Grab's one-north headquarters and the one-north Mass Rapid Transit station
- Grab's private-hire and taxi driver-partners, and drivers from the National Private Hire Vehicles Association to participate as part-time Safety Drivers after completing training
- Pilot to study autonomous vehicle application in real-world settings and explore future job opportunities for Singaporeans

Singapore, 8 July 2025 – Grab, Southeast Asia's leading superapp, in collaboration with Autonomous A2Z (A2Z), a Korean full-stack autonomous vehicle technology manufacturer, today announced their first autonomous electric shuttle bus pilot in Singapore. The pilot aims to serve first- and last-mile commutes for Grab employees, connecting Grab's one-north office with the nearby one-north Mass Rapid Transit (MRT) station.

The electric shuttle bus, which is retrofitted with A2Z's autonomous software and hardware alongside Grab's Internet of Things (IoT) devices, will commence operations tomorrow. A trained safety driver will be present onboard at all times to ensure passenger safety and smooth operations.

Commenting on this pilot, Yee Wee Tang, Regional Head of Operations, Grab said: "Safety is Grab's top priority, and we are committed to taking a cautious and calibrated approach to autonomous technology pilots. Through this initiative, we are evaluating the safety performance of autonomous technologies and exploring the potential new

job opportunities this sector could create.”

“This pilot marks A2Z’s first deployment of autonomous technology in Singapore. We have been collaborating closely with Grab, the Land Transport Authority, and local safety drivers to prepare the autonomous shuttle for Singapore’s unique transport environment. The pilot will enable us to better assess the commercial viability of autonomous shuttles in addressing first- and last-mile commute challenges while exploring their potential to alleviate manpower shortages in the public transport sector. A2Z and Grab look forward to sharing our insights and findings with the government to support Singapore’s broader autonomous vehicle ambitions,”said Ryan (Ho Jin) Kim, Managing Director - Business and International, A2Z.

### Preparing for Singapore’s Dynamic Roads

The autonomous shuttle has undergone over 100 hours of rigorous training on the fixed 3.9km route connecting Grab’s office and the MRT station. The training process includes:

Data acquisition: Collecting information such as road infrastructure, traffic lights, lane markings, and detecting pedestrians, vehicles and obstacles

Data annotation: Labelling objects with attributes such as size, speed and direction

Algorithm training: Training the shuttle to proactively respond to real-world scenarios, such as stopping at zebra crossings, traffic lights, and fine-tuning driving controls for a smooth ride experience

On-route testing: Optimising navigation and adapting to unplanned scenarios such as traffic obstruction

Equipped with 11 sensors, including LiDAR, radar and cameras, the autonomous shuttle has a 360-degree view of its surroundings, enabling it to detect and safely manoeuvre around new objects and sudden obstacles. If an issue with the sensors or systems is detected, the in-built safety algorithm will ensure the bus comes to a safe and complete stop. These capabilities have contributed to A2Z’s strong safety track record in South Korea, clocking over 668,000km of safe autonomous journeys from 2020 to May 2025.

### Upskilling bus drivers and platform workers

Through this pilot, Grab also aims to explore how Singaporeans including platform workers can upskill and transition into emerging roles within the autonomous vehicle sector, while studying the potential higher-value career pathways that could arise as autonomous technologies evolve. Grab plans to train up to 10 safety drivers by

the end of the year. Five drivers including one GrabTaxi driver-partner, two GrabCar driver-partners, and two drivers from the National Private Hire Vehicles Association are currently undergoing training.

GrabTaxi driver, Philip Soh, who is currently undergoing the Safety Driver training said: “The Safety Driver training course was an eye opening experience. The combination of classroom and practical lessons helped me understand how autonomous vehicles function. Practicing on the road gave me confidence that this technology, paired with a safety driver, can provide a safe experience for passengers and road users. I am excited to apply these new skills as a part-time safety driver alongside my job as a taxi driver.”

#### Autonomous shuttle rides from tomorrow

The autonomous shuttle will operate for two hours daily during off-peak periods, with additional hours dedicated to further training. Grab and A2Z will closely monitor ride performance and safety outcomes before opening up more time slots.

Grab employees can track the shuttle schedule, vehicle location and, in the future, seat availability directly from the Grab app. The onboard KartaDashcam devices will detect onboard passenger numbers and capture live images of vehicle location. This data will be automatically synced with the Grab app, providing employees with the latest information.

Earlier this year, Grab signed a regional partnership with leading autonomous technology companies, including A2Z, Motional, WeRide, and Zelos. Grab looks forward to participating in more autonomous pilots to understand the operational conditions for different autonomous vehicle services in Singapore, and be part of the nation's efforts to improve transport connectivity through autonomous technologies.

#### About Grab

Grab is a leading superapp in Southeast Asia, operating across the deliveries, mobility and digital financial services sectors. Serving over 800 cities in eight Southeast Asian countries – Cambodia, Indonesia, Malaysia, Myanmar, the Philippines, Singapore, Thailand and Vietnam – Grab enables millions of people everyday to order food or groceries, send packages, hail a ride or taxi, pay for online purchases or access services such as lending and insurance, all through a single app. We operate supermarkets in Malaysia under Jaya Grocer and Everrise, which enables us to bring the convenience of on-demand grocery delivery to more consumers in the country. As part of our financial services offerings, we also provide digital banking services through GXS Bank in Singapore and GXBank in Malaysia. Grab was founded in 2012 with the mission to drive Southeast Asia forward by creating economic empowerment

for everyone. Grab strives to serve a triple bottom line – we aim to simultaneously deliver financial performance for our shareholders and have a positive social impact, which includes economic empowerment for millions of people in the region, while mitigating our environmental footprint.

#### About AUTONOMOUS A2Z

Founded in 2018 by Ji-hyeong Han and three fellow autonomous driving engineers formerly with Hyundai Motor Company, AUTONOMOUS A2Z is South Korea's leading autonomous driving solution provider. The company currently operates the nation's largest fleet of autonomous vehicles and holds the longest cumulative autonomous driving record in urban environments, having driven over 670,000 kilometers on public roads as of May 2025. AUTONOMOUS A2Z is also the only Korean company ranked on the global Autonomous Leaderboard, and in a major milestone, became the first Korean enterprise to be licensed for autonomous driving in right-hand-drive (RHD) markets such as Singapore. Building on this foundation, AUTONOMOUS A2Z is developing a range of future mobility services, including urban autonomous shuttles and smart logistics transportation solutions, with a focus on safe and efficient commercialization of autonomous driving technology.

For Media Enquiries, Please Contact:

- Grab Public Relations: [pr.sg@grab.com](mailto:pr.sg@grab.com)
- IN.FOM on behalf of Grab Singapore: [grabsg@infom.asia](mailto:grabsg@infom.asia)