

Annex B: Company Profile

Greenphyto Pte. Ltd.

Founded in 2014, Greenphyto envisions itself as a market leader at the forefront of agriculture technology. It sets out to fully integrate digital into its business strategy and operations from the start, to create a comprehensive digital and automation ecosystem that is designed for scale.

After joining IMDA's Digital Leaders Programme in 2024, Greenphyto leveraged masterclasses and funding support to build in-house digital capabilities, recruiting data engineers and software developers. This strategic investment gave them the confidence to successfully implement AI, computer vision, IoT integration, and Autonomous Mobile Robots across their operations.

Greenphyto's AMR forklift deployment delivers impressive measurable results - transporting 100 boards from level 4 to level 1 in just three minutes compared to six minutes manually, achieving a remarkable 50% efficiency increase whilst enhancing workplace safety. This effort enables the company to achieve a seamless automated vertical farm and improve operational efficiency.

Pledge Protection (Asia) Pte. Ltd.

Established in 2005, Pledge Protection (Asia) Pte. Ltd. is a local security services company that delivers integrated security solutions combining manpower and technology. Serving commercial buildings, residential estates, hospitals, industrial sites and retail environments, the company manages over 250 security officers and supervisors across more than 60 active island-wide assignments. Its services span guarding, personal protection, remote guardhouse operations, portable CCTV systems, visitor and vehicle management systems, and consultancy such as risk assessments and compliance audits, supported by modern security tools and workflow systems for greater reliability and efficiency.

The company currently deploys Simpplr's Gemini multifunction robot at SCAPE, operating on Level 1. With lift integration, Pledge Protection can scale operations and extend Gemini's

capabilities to additional floors throughout the building. As SCAPE hosts robots from multiple vendors, lift integration would also enable coordinated, multi-robot movement throughout the building.

Enabling lift integrations and access for the Gemini robot have expanded autonomous security and cleaning operations beyond Level 1, improved efficiency by reducing manual deployment needs, and freed personnel for higher-value tasks. It also improves coordination with other robots for a more integrated building-wide robotic ecosystem, boosting overall operational effectiveness. Additionally, scaling autonomous operations strengthens Pledge Protection's tech-driven positioning, enhances data collection for monitoring and reporting, and builds a future-ready foundation for adopting additional automation solutions and optimising building-wide operations.