

PRESS RELEASE

Ademco's New Robot-As-A-Service Set to Change the Face of Manpower Security Services in Singapore

*Cost-efficient solution to manpower crunch, boosts efficiency, consistency and
security coverage*

Singapore – Addressing the labour challenges of manpower crunches and high turnovers that have been plaguing Singapore's security sector, autonomous robots that can detect, inspect, deter and report, will now be deployed to safeguard people, assets and infrastructure with the launch of Ademco Security Group's (Ademco) Robot-As-A-Service (RaaS).

Generally shunned as a mundane and physically taxing occupation with long hours and low pay, this new innovation is aimed at not only improving the quality, coverage and consistency of security patrol but also enhancing the job focus of human security personnel who would be trained to take on higher skilled duties.

One of the first security solutions providers to offer RaaS in Singapore, Ademco sees remote robots as a natural and necessary progression from the traditional method of foot patrolling, which is not only expensive but also an unproductive use of manpower. With RaaS, security patrol robots are built to perform uninterrupted round-the-clock duties with greater precision and alertness, enabling security guards to concentrate on investigating and responding to issues, and human interfacing.

“With advancements in sensor, communications and analytics technologies, we can now realistically and readily offer RaaS as a sustainable security solution to address the challenges of human patrolling. The attention span of humans range from an average of 8 seconds to 20 minutes and the reality is that human performance drops after long periods of mundane tasks. This topped off with long patrol duties, which are physically strenuous, are

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less than ideal conditions to properly secure a premise. With RaaS we can now provide greater coverage and precision for large premise security by maintaining a non-human physical presence,” said Mr. Toby Koh, Group Managing Director, Ademco Security Group.

RaaS is backed by Ademco’s 24-hour Central Monitoring and Command Centre (CMCC) and allows building owners and facility managers access to real-time remote audio and video monitoring, reporting and video analytics. The combined capabilities of RaaS with security personnel serves to execute tasks with accuracy, avoiding unnecessary replication of surveillance and security duties, so that the number of security guards required can be streamlined to reduce overall cost.

“We anticipate that RaaS would provide up to 50% in cost savings compared to a sufficiently staffed guarding team. For example, a six-man guarding team can now be reconfigured to a three-man team with one robot. RaaS for security is a timely and necessary step in ramping up on defence and redefining the role of security guards for the better, as they assume more important and responsive roles within the new security game plan,” he added.

Programmable to detect motion, heat, fire, smoke, gas and intruder threats, Ademco’s RaaS kicks off with land-based security patrol robots for indoor and outdoor security requirements and will eventually extend to include aerial and aquatic robots. The land-based security patrol robots feature a built-in automatic guidance system to help them independently take detours, avoid obstacles and choose the most optimal route. Powered by an electric motor and high-capacity lightweight batteries, they move silently and can last for up to eight hours, self-charging on a regular basis during the course of patrol.

They are equipped with a 360° video surveillance system that consists of six cameras for panoramic visions and one Pan-Tilt-Zoom camera for remote zoom controlling. Its built-in high-power WiFi unit and wireless communication enables both the on-site security command centre and Ademco’s 24-hour off-site CMCC to view images, track the robot’s location and status, and prompt the next course of action when facilitating enquiries, emergency decision-making, remote assistance and incident identification.

Ideal for large sites requiring comprehensive wide area coverage such as industrial facilities, manufacturing plants, warehouses, parking lots, solar farms and power plants, resorts, golf courses and beaches, they assist in helping security officers identify and respond to security breaches and alarms.

Available as a pay-as-you-use service, Ademco's RaaS integrates seamlessly into existing security systems and can trigger existing sirens, strobe lights, lighting and control gates and doors in the event of an intrusion.

RaaS is the latest addition to Ademco's VerifSuite Managed Services, a range of services designed to deliver cost-effective security solutions that improve operational efficiencies – VerifCloud, VerifView, VerifAccess and WAMP, a web-based alarms monitoring service.

About Ademco Security Group Pte Ltd

A name synonymous with security, Ademco Security Group Pte Ltd has been delivering integrated innovative and comprehensive security solutions to more than 8,000 institutional, commercial and government clients across Asia for more than three decades.

Incorporated in Singapore, it has an annual turnover of S\$35 million, staff strength of more than 400 personnel across more than 20 cities in Singapore, Malaysia, Philippines, China, Indonesia and India.

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