

SOR Adds Airborne Drones to Ground Robotic Vehicle Platform

Perth, Australia, 24th June 2020 – Strategic Elements Ltd (ASX:SOR) is pleased to announce robotics subsidiary Stealth Technologies is conducting a program to integrate airborne drones with its ground based autonomous and robotic vehicle platform. In sectors such as security, defence and resources drones can augment ground based sensors to provide additional range and coverage through multi-angle video through cameras and fusion of extra sensor data (e.g thermal, LiDAR). **A prototype is expected to be completed early Q4 2020.**

The **‘Drone Capability’** development is an outcome of the *ON Prime: Defence Program* delivered by CSIRO in partnership with Defence Science and Technology (part of the Australian Department of Defence) that Stealth completed in November 2019¹.

Under the Defence Program Stealth proposed to equip a fully autonomous ruggedized unmanned ground vehicle to include drone launching and landing capabilities. This would enable a flexible platform that could encompass intelligence, surveillance, and communications capabilities. It would also be a hive, containing multiple drones capable of recharging upon return in order to maximise their utility.

As a result of the Program it was apparent that the technology could be initially deployed for use in security patrol and surveillance of critical infrastructure facilities which Stealth Technologies is targeting with its Autonomous Robotic Security Vehicle. A prototype is expected to be completed early Q4 2020.

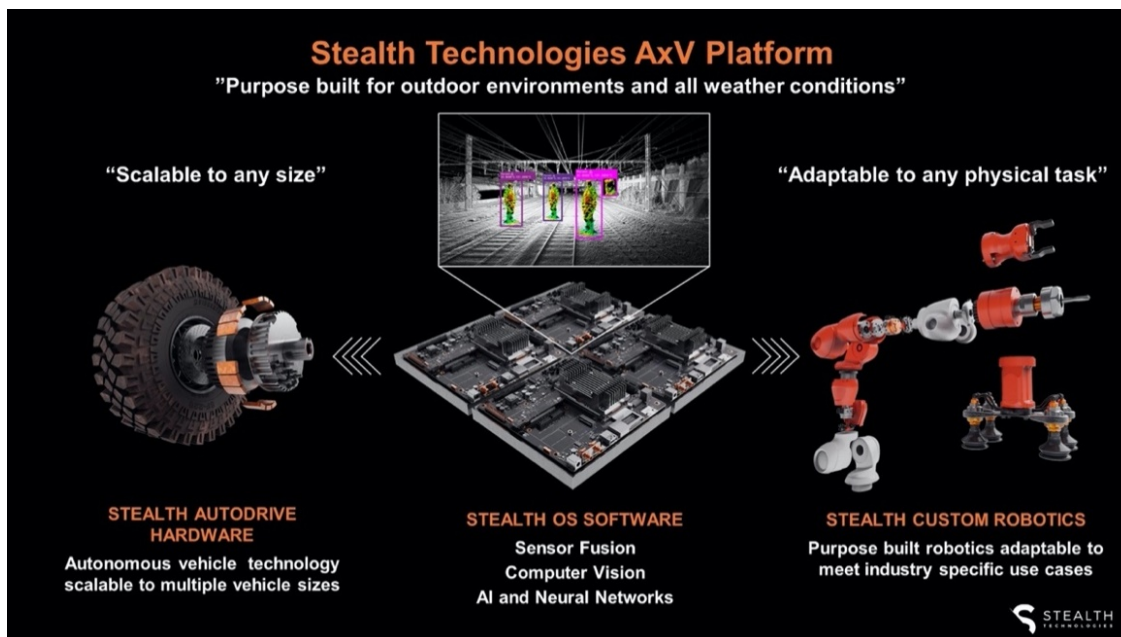
Robotic Perimeter Security and Surveillance

A Robotic Security Vehicle is being developed for sectors such as transport, energy, defence, government and utilities providing critical services. Perimeter security enhances security to protect employees and assets from unauthorized intrusion in sensitive areas. The Global Perimeter Security Market is forecast to be growing quickly at CAGR of 12.0% over the forecast period 2020-2026 (reaching USD 282.26 Billion by 2025).²



The AxV Autonomous Robotics Platform

Although the first release is in the form of the ASV for security, the underlying AxV technology platform is scalable to a **range of vehicle shapes and sizes** and custom robotics are **adaptable** to perform a variety of physical actions and tasks. Further releases from the platform could be deployed for industries such as **mining, agriculture and logistics**.



About the ON Prime: Defence Program

The ON Prime: Defence Program seeks "innovative technologies that have the potential to deliver game-changing capabilities for Australia's national security and defence" and provides a unique opportunity to fast-track a technology proposition with defence experts and potential end-users. Stealth entered the program with the view to assessing its technology for trusted autonomous systems' and 'integrated intelligence, surveillance and reconnaissance'. The Program is delivered in under the Next Generation Technologies Fund, a \$730 Million fund focusing on emerging and future technologies for the "future Defence force after next".

About Strategic Elements Ltd

The Australian Federal Government has registered Strategic Elements as a Pooled Development Fund with a mandate to back Australian innovation. Strategic Elements operates as a 'venture builder' where it generates high risk-high reward ventures and projects from combining teams of leading scientists or innovators in the technology or resources sectors.

Most investors in SOR pay no tax on capital gains from selling their SOR shares as the Company operates under a Federal Government program setup to encourage investment into innovation. The Company is listed on the ASX under the code "SOR". More information on the Pooled Development Program should be read on the Company's website at www.strategicelements.com.au

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This announcement was authorised for release by Strategic Elements' Board of Directors.

¹ Disclosed to the ASX on 16/09/2019.

² <https://dataintel.com/report/perimeter-security-market/>