

## **Spectur lodges patents for innovative new technologies**

### **Highlights:**

- Spectur lodges patent applications for two new technologies that will expand the Company's intellectual property portfolio.
- First patent is for a gas detection technology that can identify leaks in remote pipelines without the need for physical inspection.
- Second patent is for the unique use of integrating LIDAR camera technology that can be used in the ever-present need for perimeter security.
- Both technologies are highly advanced in their development and are expected to be ready for commercialisation early in 2018.
- These technologies have been recently developed from the Company's new R&D centre in Melbourne which is designed to strengthen Spectur's strong pipeline of products and services.

**7 November 2017:** Australian-based remote security monitoring systems and cloud based technology solutions company Spectur Ltd (ASX:SP3) ('Spectur' or 'the Company') is pleased to announce that it has lodged patents for two new technologies that will help drive its growth.

### **Remote Gas Detection Camera Technology**

The first patent is for a unique gas detection system which takes advantage of Internet of Things (IoT) and Software as a Service (SaaS) technologies to enable remote monitoring of plants and pipelines to detect potential dangerous gases and vapours as well as other monitoring services.

The system includes an automatic alarm, detecting and isolating with pinpoint accuracy where a gas issue has occurred. It also provides real-time vision to assist with identifying potential causes or hazardous conditions.

Traditionally, remote gas pipelines require physical or drone inspection whenever a potential leak is detected. The Spectur technology allows for faster detection and identification of potential issues without the costs of direct human inspection or flying a drone across the area.

### **Light Detection and Ranging (LIDAR) Camera System**

The second patent is for a highly advanced surveillance camera that utilises state-of-the-art light detection and ranging technology (LIDAR). The camera enables highly accurate intrusion detection and is capable of alerting security breaches with an extremely high level

of accuracy across large and remote perimeters. The technology is scalable and suitable for a wide variety of applications.

LIDAR, also known as laser-radar is a remote sensing method which uses light in the form of lasers to measure distances and detect objects. The technology has been used in the defence industry for many years and is now commonly being used in autonomous vehicles, by companies including General Motors and Google.

The two new patents build on Spectur's intellectual property portfolio and follows the establishment of a research and development centre in Melbourne that will drive the commercialisation of the Company's new pipeline of products playing a key role in Spectur's aggressive growth strategy.

It is expected the two new technologies will be available for commercial sale in early 2018.

Peter Holton, Managing Director Spectur Ltd commented:

"Spectur is built on an ongoing and relentless commitment to research and development and these two new technologies add to our strong pipeline of products and services that we will bring to market to help drive our sales growth."

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**ABOUT SPECTUR**

Spectur Limited is an Australian-based company which owns the rights to its innovative hardware and disruptive cloud based IOT and security systems which operate in Australia. The two key industries that Spectur currently services are the building/construction/civil industry and the critical infrastructure industry. The Company's focus is to service the commercial, industrial and governments sectors. Spectur's core product is the HD4 security camera system and associated cloud based platform. The HD4 is a solar powered battery backup security system which is remotely accessed and connected via 3G/4G technology, which is connected to the cloud based platform. The Company is rapidly implementing a growth plan to firstly grow revenues and market share in the Australian security surveillance sector and, secondly to penetrate other key strategic markets.

**FORWARD-LOOKING STATEMENTS**

This announcement contains forward-looking statements which are subject to elements of uncertainty, risk and other factors which could cause the actual results or outcomes to differ materially from those stated. These statements are based on an evaluation of current economic, contractual and operating conditions, as well as assumptions regarding future events. These events are, as at the date of this announcement, expected to take place, but there cannot be any guarantee that such events will occur as anticipated, when anticipated or at all given that many of the events are outside Spectur's control.

Accordingly, neither Spectur nor any of its directors, officers, employees, contractors or agents, gives any assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this announcement will actually occur as and when anticipated.