

8 August 2017

SPECTUR LIMITED

ACN 140 151 579

ASX Code **SP3**

DIRECTORS & OFFICERS

RICHARD WILKINS

Executive Chairman

PETER HOLTON

Managing Director

STEPHEN BODEKER

Non-Executive Director

ANDREW HAGEN

Non-Executive Director

SUZIE FOREMAN

Company Secretary

ISSUED CAPITAL

41,000,000 Ordinary Shares

21,000,000 Performance Rights

14,350,000 Company Options

**REGISTERED ADDRESS AND
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Hardware Innovation Provides Greater Product Functionality and Sales Potential

Spectur Limited ("Spectur" or the "Company") is pleased to advise that consistent with its business plan of investing in research and development to release new security related products and services, the Company is commencing production of exciting new camera range extenders ("Hardware") for beta testing with customers.

Hardware and Plug-ins

The new Hardware, which works as a site based slaved unit to Spectur's current HD4 system, is an Internet of Things (IOT) device that has numerous functions new to the Spectur system, which can be tailored to suit individual client's operational needs. Multiple inputs and outputs can be utilised providing Spectur the ability to connect numerous types of plug-in devices into the Hardware to generate a trigger; which include, but are not limited to, passive infrared sensors, thermal cameras and LIDAR sensors. The new hardware can also charge the internal battery by a built in high efficiency solar charger.

Robust Radio Connectivity

The new Hardware is linked to the main HD4 system via a high reliability data transceiver. Direct sequence and fast PLL radio protocol has been chosen as it offers a greater range than Wi-Fi or Bluetooth. A range of many hundreds of meters is easily achievable and the link is reliable and secure. This adds to the coverage Spectur can offer on large sites such as mine sites or remote infrastructure where Wi-Fi coverage can be problematic.

Inbuilt Functionality

The Hardware's inputs and outputs are software controlled via Spectur's proprietary code and Cloud Management Platform.

The Hardware has the inbuilt functionality of:

- a three-axis accelerometer,
- a barometer, and
- GPS module.

Three Axis Accelerometer

The built-in accelerometer has multiple applications. In addition to reporting if the hardware is being moved, there is also the ability to monitor the axes individually and monitor each axis amount of movement.

Via Spectur's Cloud Management Platform, the accelerometer's three axes can be remotely programmed. This is a major advantage, because "background", low level vibration can be monitored and analysed and then used to calibrate thresholds for setting the trigger points for alerts or alarms.

In most current systems, accelerometers have to be programmed on site, a procedure which is time consuming and costly. Carrying out the setup and calibration processes remotely, provides Spectur a clear advantage in terms of speed of response and lower cost for its customers.

A Barometer

The in-built barometer is extremely useful on a solar powered, remote system as it provides Spectur with the ability to warn customers of rapid falls in pressure. This can typically happen prior to storms or cyclones. Via the Spectur Cloud Management Platform, rapid falls in pressure can be programmed to trigger an alarm which is sent to a Monitoring Station, or to the client directly via email or SMS.

Spectur already has telemetry built into its hardware, which includes monitoring of solar performance. Having the ability to overlay barometric pressure graphs, over solar charging graphs provides a far clearer indication if a loss of solar panel performance is as a result of poor weather.

A GPS Module

The addition of a GPS module gives an accurate position for objects that the new Hardware is mounted to. This is especially useful for customers that regularly move physical assets from place to place.

Other Benefits

The new Hardware system runs at far lower power than the Spectur HD4 system, so a smaller solar panel and battery can be used without sacrificing reliability. This makes for lower costs, and a more compact, lighter and easier to install addition to Spectur's product range. Because the new Hardware runs as a satellite to the existing HD4 systems, the increased functionality is anticipated to appeal to a wider range of markets, stimulating demand for both the new Hardware and the existing HD4 cameras.

Next Steps

Over the next few months the beta hardware and software will be thoroughly field tested with selected customers. Once reliability and performance expectations have been fully proven, the product will then be launched. Spectur looks forward to updating the market once this stage has been achieved.

Yours sincerely,



Richard Wilkins
Executive Chairman



About Spectur Limited

Spectur Limited is an Australian based company which designs, develops, manufactures and installs security and surveillance systems for powered and non-powered / remote locations. Spectur's core product is the HD4 security camera system, a solar powered battery backup security system which is remotely accessed and connected via 3G/4G technology.

The Company has focused on growing its revenues by increasing its current market share in Australia for solar-powered security surveillance products and by penetrating other key strategic markets.

