



**Perimeter Security Industries Pty Ltd**  
89-91 Tennant Street, Fyshwick ACT 2609  
PO Box 622, Fyshwick ACT 2609  
Telephone +61 2 6280 7521 Fax +61 2 6241 1352  
Email: [info@perimetersecurity.com](mailto:info@perimetersecurity.com)  
[www.perimetersecurity.com](http://www.perimetersecurity.com)

## media release

### **PSI's SecureMat notches up yet another patent**

5 November 2014

Yesterday, Perimeter Security Industries (PSI) was awarded a United States patent for its novel SecureMat intruder detection system.

Previously PSI has been awarded three other patents: an Australia patent on 25 November 2010, a South African patent on 22 April 2012 and a United Kingdom patent on 20 August 2014. A patent application in Europe is also progressing.

The patented SecureMat intruder detection system comprises an on-ground sensor mat threaded with fibre-optic cable that is placed inside a perimeter fence to detect intruders entering or crossing monitored areas.

If the light from a light-emitting diode (LED) flowing through the fibre-optic cable fails to reach a light dependent resistor (LDR) as a result of being disturbed by human footsteps this triggers an alarm and an SMS alert message is sent to a mobile phone.

The fibre-optic cable, electronics and unique algorithms used to process the information from the SecureMat mean that false alarms are minimal, a problem that plagues other types of perimeter security products, making the SecureMat extremely cost-effective and cost-competitive with other products.

The four patents granted to date ideally position the company for global exploitation of the SecureMat security system.

#### **Summary of the company & technology**

Perimeter Security Industries Pty Ltd is a company based in Fyshwick, Canberra that has developed a breakthrough technology with important implications for the security industry in Australia. The technology is expected to support a range of products for outdoor and indoor applications that will provide for the deterrence and detection of intruders in various situations. The initial product – the SecureMat – is a versatile on-ground sensor mat that detects intruders walking across a protected area. When an intruder is detected sensor boxes emit a deterrent alarm and simultaneously send an SMS to a home base. PSI has developed a suite of proprietary algorithms that ensure negligible false alarms and a very high probability of detection.

#### **Enquiries**

For further information please see [www.perimetersecurity.com](http://www.perimetersecurity.com) or contact Perimeter Security Industries CEO Ian Bergman on tel. (02) 6280 7521, mob. 0449 159 442 or email [ian.bergman@perimetersecurity.com](mailto:ian.bergman@perimetersecurity.com)