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media release

Patent granted to innovative Canberra company

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A Canberra company based in Fyshwick, Perimeter Security Industries (PSI), has been granted an Australian patent for its innovative new security product, the SecureMat – a sensor mat that is placed on the ground inside a perimeter fence to detect any intruder entering or crossing the monitored area.

PSI was established in early 2010 to consolidate and commercialise the SecureMat, a new concept in perimeter security invented by Dean Vey, PSI's Chief Engineer. Having completed the main research and development phase, PSI is now ready to fully commercialise the technology.

The SecureMat system comprises a sensor mat threaded with fibre-optic cable. If the mat is disturbed by human footsteps alarms are activated and alert SMS messages are sent to a mobile phone. The fibre-optic cable and electronics used to process the information from the SecureMat mean that false alarms are minimal, a problem that plagues other products of this kind.

Theft of materials and machinery from industrial sites cost builders and developers millions of dollars every year. The SecureMat system is designed for use at large industrial sites where frequent vandalism and theft can be difficult to prevent, as well as protection of small sites such as sheds and shipping containers.

Perimeter Security Industries has installed the SecureMat around several live beta-testing sites in the ACT region, and the product has so far exceeded expectations in regard to its usability, performance and robustness.

PSI Chair and co-founder Sylvia Tulloch said, "This technology is breaking new ground in the security industry, as an extremely cost-effective and versatile product, making it very competitive when lined up against other perimeter security solutions."

"We are now seeking companies and partners to work with us on beta-testing of our technology to help us fast-track the SecureMat product into the Australian marketplace."

The granting of the patent leaves the way open for global exploitation of the SecureMat technology and international patents are envisaged.

A launch hosted by Ian Bergman, CEO and co-founder and Sylvia Tulloch will be held on 24 November at Rolfe BMW Showroom, Phillip.

The company

Perimeter Security Industries Pty Ltd has developed a breakthrough technology with important implications for the security industry in Australia. The technology supports a new range of products for both outdoor and indoor applications that provide for the deterrence and detection of intruders in

a range of situations. The initial product – the SecureMat – is a versatile on-ground mat that detects any 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

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