

Media release

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SecureMat Sydney showroom commissioned

Fledgling commercial partners Perimeter Security Industries Pty Ltd (PSI) and the General Mat Company Pty Ltd are in the process of setting up a showroom at Granville where they can demonstrate to security and safety solution seekers how a new sensor mat product works.

The two companies signed a formal partnership agreement on 15 March 2015 to collaborate on the development of a manufacturing process for embedding PSI's patented SecureMat[®] sensor system into one of the General Mat Company's industrial floor mats.

The collaboration has been successful and the result is two new sensor mat products – the **High Alert Sensor Mat** all-black security version and the **Safety Alert Sensor Mat** safety version, both specifically designed for factories and warehouses.

PSI Chief Executive Officer Ian Bergman said, “We are very grateful to Ross Calder, the General Manager of the General Mat Company, and the General Mat Company's Founding Director, David Freedman, for opening this showroom at their Sydney premises because it allows us to demonstrate a state-of-the-art combination of our SecureMat[®] technology and one of their industrial floor mats.”

The industrial floor mat the SecureMat technology has been successfully embedded into is the General Mat Company's Safety Alert Sponge Coat: a proven anti-fatigue, slip-resistant mat manufactured from heavy-duty, hardwearing PVC that is insulated from cold and damp.

PSI's SecureMat[®] technology uses microprocessing and unique algorithms to monitor disturbances caused by people movements. It works by sending light from an LED along a mesh of plastic optical fibre (POF) embedded in the mat. Whenever a person steps, stands, walks, runs, trips, slips or falls on the mat this disturbs the light flowing through the POF and triggers an alarm, which is relayed to an alarm panel.

PSI Business Manager Bill Leane said establishing the showroom in Sydney will be a major step in the commercialisation strategy for the SecureMat[®] technology.

“It will provide supply chain operators and key customers with ready access to the product and a clear demonstration of the value proposition,” he said.

He explained that the SecureMat[®] technology had a wide variety of potential uses in the security, retail, workplace health & safety, aged care, biometrics and medical sectors, and in logistics applications.

“In the factory or warehouse setting it is anticipated that it will detect and deter intruders who are intent on criminal activities such as theft, graffiti, vandalism, property damage or illegal misuse of premises of any sort. It is also expected that it will be deployed as a safety product to sound an alarm when people walk in restricted or dangerous areas.

“The SecureMat[®] technology is going to be most effective in situations where the reliability of existing motion detector products is compromised by false alarms. One of its greatest benefits is that it can be used in conjunction with existing technologies as a reliable sensor to activate alarms, cameras, messaging devices and signals to mobile phones.”

“The addition of a battery-pack and wifi will enable the sensor mat to operate as a free-standing floor mat that can be discretely positioned and relocated at short notice with minimal site preparation.

“It is anticipated that at installation each sensor will be assigned to a specific duty, and whenever possible, mapped to other sensors including passive infrared (PIR) and closed circuit television (CCTV) to validate each trigger event or alarm.

“The product is at a stage where security trade sector participation is very welcome in order to focus on client needs, streamline installation and acceptability, and progress to full commercialisation.”

“It is planned that the showroom will be a dynamic installation to be updated regularly with sensor configuration, new equipment and technology in the fields of sensors, and, later, related analytics and predictive reports,” Mr Leane said.

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