



THE SENSOR MAT PEOPLE

Media release

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General Mat Company agreement signed

Two very different Australian companies have entered a collaborative agreement to manufacture a new security product for factories and warehouses.

On 16 March 2015, Ian Bergman, Chief Executive Officer of Canberra-based emerging technology firm Perimeter Security Industries (PSI), and Ross Calder, General Manager of leading Sydney floor covering firm General Mat Company, signed a formal agreement to collaborate on the manufacturing process for embedding PSI's SecureMat[®] technology into one of General Mat Company's industrial floor mats.

The 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 embedded in the mat. Whenever a person moves on the mat it disturbs the light flowing through the plastic optical fibre and triggers an alarm, which is then relayed to an alarm panel.

Mr Bergman said, "When I approached Ross Calder at the General Mat Company it was because we needed to put something solid around the SecureMat[®] technology – something that didn't involve heat and something that wouldn't damage the plastic optical fibre or interfere with the electronics in any way.

"By then it was very clear to me that using the mesh of optical fibre that we'd developed on its own or laboriously gluing, stapling or bolting every long, weighty piece of mesh by hand into a flimsy weed mat or a rugged industrial floor mat just wasn't going to be sustainable long-term, so I went on the lookout for a better option.

"When I visited Ross Calder in Sydney I was so pleased to find that he had literally hundreds of different sorts of mats there in his warehouse. We spent a good three hours going through all the options until finally we pounced on the perfect solution – their Safety Alert Sponge Coat industrial mat."

"I was delighted when Ross and the General Mat Company's Founding Director David Freeman decided to take our project on and committed the company to working with us on what is going to be a very exciting project for us all."

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