



PAWS™: Pest Identification Sensor Pad

The PAWS™ pest identification sensor pad is a remote-deployable system which delivers real-time information on specific species interactions through capacitance-based hardware architecture and advanced signal processing algorithms.

The trackpad system is a digital inkpad data recorder that registers animal interactions when they step onto the sensor pad. Unlike a camera-based system, PAWS™ only reacts to animal interactions and is not prone to false triggering, nor does it fail to 'see' animals that interact with it. Overall this gives a high probability of detection and the information output is easy to interpret.

Integrated remote communications enable information to be transmitted to biosecurity

decision-makers in real-time where an early response to an incursion event can save tens of thousands of dollars. The data can also be used to trigger a live-capture or toxin dispensation.

PAWS™ has been successfully trialled in the remote forested regions on the West Coast of New Zealand and overseas. PAWS™ has shown to be capable of detecting pests with 99% accuracy. PAWS™ has received wide-ranging interest from international pest detection and conservation companies.

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