

Security 2011 Exhibition To Showcase World First Electronic Nose With CCTV Integration To Combat Graffiti Vandalism

graffit-e-nose Mk4 allows councils to detect vandalism earlier and increase number of arrests and convictions

SYDNEY – July 27, 2011– Electronic nose technology leader, E-Nose, will release a new version of its cutting-edge *graffit-e-nose* product at Security 2011 Exhibition (August 24 – 26, Sydney Convention & Exhibition Centre). *Graffit-e-nose* Mk4 is the world's first aerosol spray fume detection device that integrates with CCTV / video surveillance. The solution not only enables councils to detect graffiti vandals earlier, but also increases the number of arrests and convictions.

The cost burden of graffiti vandalism on communities is extensive, causing damages of more than \$100 million a year in New South Wales alone. Costs are being passed on to the community through higher service costs, insurance premiums and council rates. Graffiti has also been found to encourage other anti-social behaviour such as littering and other forms of street crime.

Recognising the problem, Sydney-based company E-Nose devised a method of monitoring, identifying and measuring smells and other airborne chemicals in real time. Its flagship solution, *graffit-e-nose*, hides the electronic nose technology in an inconspicuous looking box that can be installed in graffiti prone locations. When spray paint fumes are detected by *graffit-e-nose*, a silent alarm alerts security guards to catch the offenders in action. By integrating CCTV for the first time, Mk4 further increases the likelihood of convictions, as live-streamed video can verify the attack so that appropriate action may be taken immediately, and the images can later be used to arrest and prosecute offenders.

E-Nose co-inventor and CEO Graham Bell said: "We are proud to further enhance *graffit-e-nose* to help combat graffiti vandalism and make communities cleaner and safer places. CCTV was a logical extension of our electronic nose technology. Many councils already use video surveillance, and *graffit-e-nose* can integrate with existing systems."

The device can also trigger a number of peripheral security measures such as flood-lights, sirens or water sprinklers. "However, these may increase the vandal's thrill level and let him escape," said Dr. Bell. "*graffit-e-nose* can silently capture evidence and with an adequate response, catch the vandal in the act," he said.

New anti-graffiti laws in NSW take a stricter stance on graffiti vandals. First-time offenders will be required to appear before a magistrate court, where their driver licence can be suspended or they can be forced to clean up their graffiti.

Graffit-e-nose is already being trialled by councils in Blacktown, Penrith, and Campbelltown.

E-Nose Pty Ltd, a spin-off of Australia's national science agency, CSIRO, UNSW and Sydney University, received NSW Government grants in 2008 to further develop its electronic nose technology. For more information on E-Nose, please visit <http://www.e-nose.info/index.html>

E-Nose also scooped the People's Choice award on the ABC'S New Inventors. Watch the video here:
<http://www.abc.net.au/tv/newinventors/txt/s2412326.htm>

At Security 2011 Exhibition, E-Nose will launch *graffit-e-nose* Mk 4 at stand A31.

Security 2011 Exhibition is endorsed by the industry's peak body, the Australian Security Industry Association Limited (ASIAL). Register to attend at <http://www.securityexpo.com.au> for your chance to win a Fujifilm 3D camera and viewer pack, valued at \$1,269, or 1 of 2 Q Video Systems prize packs featuring a QVS-DBM-25F Dome Camera, Free Diplomat Safe and Free home or business security consultation, prize packages valued at \$1,366 each.¹

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About Security 2011 Exhibition & Conference

[Security 2011 Exhibition & Conference](#) is the largest exhibition and conference event created specifically for the Australian security industry. The event, supported by the peak security industry body ASIAL, and other industry associations, delivers an unparalleled opportunity for exhibitors to showcase security solutions, products and services to a highly targeted and influential audience.

About Diversified Exhibitions Australia

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¹ Prize terms & conditions: NSW Permit No LTPS/11/06128. One entry per visit. Prize is not refundable for cash. Winner will be drawn at 11am on Monday 29th August 2011 and will be notified by phone.