

20 February 2017

ASX RELEASE

Market Update

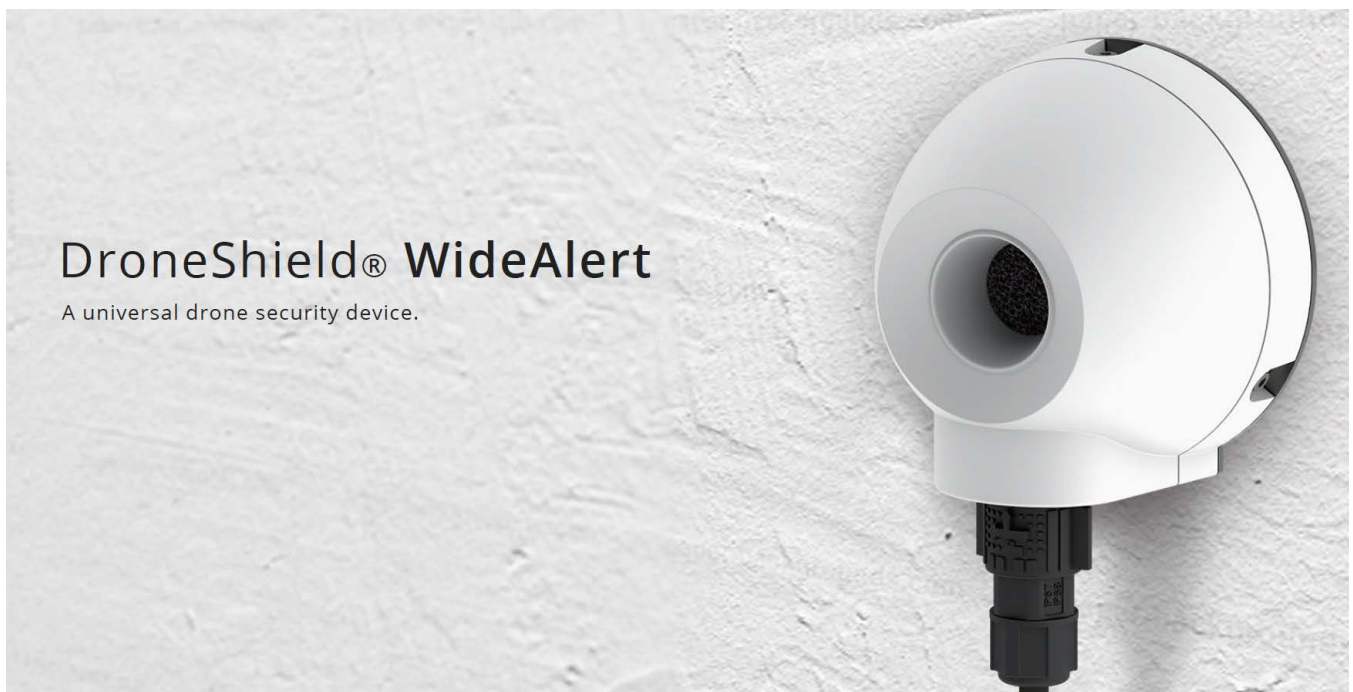
- **Launch of WideAlert detection product for near-range drone detection, with first production batch to be delivered in March.**
- **Product demonstration for multiple Australian government agencies in March.**
- **Upcoming military and security force demonstrations in the U.S. and Europe in March.**
- **Exhibited at an invitation-only event for the Japan Ground Self-Defense Force in February 2017.**
- **Terrorist-related drone use continues to accelerate and is a governmental priority.**

DroneShield Ltd (ASX:DRO) ("DroneShield" or the "Company") is pleased to provide a market update on a range of its activities.

WideAlert Product Launch

DroneShield is pleased to announce a launch of WideAlert – a wide angle (180 degree) acoustic drone detection product, with an effective detection range of up to 200m.

WideAlert replaces DroneShield's existing Omnidirectional sensor product, with substantially improved design and performance. The first production batch is due to be delivered in March.



WideAlert supplements DroneShield's longer-range detection product and, in combination with it, provides its users with layered protection against aerial threats. Additional information on WideAlert can be seen in the attached product description.

Global Government Demonstrations

DroneShield's in-house and distributor salesforces continue to progress a number of high profile near-term sales opportunities. The calibre of these is illustrated by the fact that the Company will host a

demonstration of its drone detection products and the DroneGun tactical drone jammer in Canberra in March 2017. The demonstration will be attended by a number of high profile Australian federal government agencies. The demonstration will take place at a secured federal government area in Canberra. The Canberra demonstration will involve solely DroneShield's products and is expected to continue positioning DroneShield as the Australian leader in the drone security space.



DroneGun in action, operated by the Swiss police agency Police cantonal Graubünden at Davos, Switzerland, during the January 2017 World Economic Forum

The Australian government demonstration will be followed by a dedicated DroneShield demonstration at a U.S. government military training facility in March 2017, to be attended by a number of U.S. and allied agencies.

Additionally, DroneShield will be hosting a European demonstration through its local distributor in March 2017, which is expected to be attended by a range of European government agencies.

Earlier this month, DroneShield attended an invitation-only exhibition conducted by the Japan Ground Self-Defense Force (JGSDF), where DroneShield exhibited its products.

Japan is an important market for DroneShield, with several high profile distributors across key industry verticals, and several product sales previously made. The Japanese government is particularly acutely aware of the drone threat as a high profile incident occurred in Japan in 2015, when a consumer drone reportedly carrying a radioactive substance landed on the roof of the Prime Minister's residence.



Image: Investigators check a drone, under tarpaulin, on the roof of the Prime Minister's office. The camera-equipped drone reportedly produced a low level of radiation

DroneShield is understood to be the only Australian company and one of very few companies globally that offers a fully-developed, effective, currently available and affordable set of detection and countermeasure products, hence the global governmental interest in its products.

Terrorist Drone Use Accelerates

Recent weeks have seen substantial acceleration in the use of drones deployed by ISIS and other terrorist organisations.



Image: Actual ISIS footage - ISIS grenade deployed by a drone destroys an M1 Abrams tank¹

¹ <https://www.funker530.com/abrams-tank-commander/>

It has been widely reported that ISIS now routinely deploys explosive carrying commercially-available drones in its activities, and effectively operates drone-bomb-making factories in the territories controlled by it.²



Image: In this 27 January 2017 photo, an Iraqi officer holds a drone belonging to ISIS in Mosul, Iraq

ISIS appears to be using variety of drone and release mechanisms, ranging from dual under-wing release to simple cup holders.



Image: Basic plastic tubes positioned underneath quadcopters appear right size for 40mm grenades

² <http://www.denverpost.com/2017/02/02/islamic-state-drones-terrorism-car-bombs/>

The below image stills from ISIS' video footage from its drones indicate a variety of grenade and modifications utilised by ISIS on commercial grade drones:



Image: The two fawn coloured bands highlighted by yellow arrows. These appear to be copper driving bands. Usually each round only has a single driving band, so the existence of two, with what appears to be tape between them, potentially indicates two rounds taped together³



Image: Appears to show a 40mm round which shows some kind of extension strapped to its base³

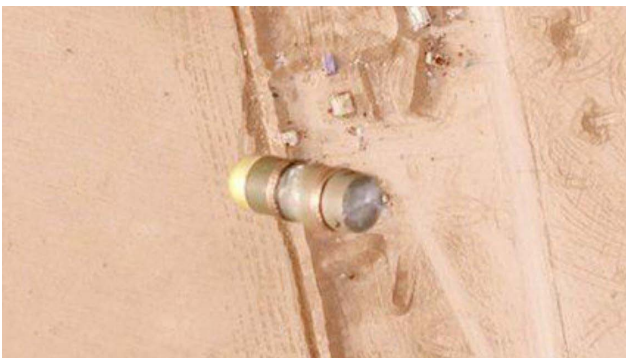


Image: Bare 40mm. No tail³



Image: 40mm round with parachute³

The Combating Terrorism Center at the United States Military Academy at West Point has also identified at least three other terrorist groups - Hezbollah, Hamas, and Jabhat Fateh al-Sham – as having co-ordinated drone programs.⁴

The British Major General Rupert Jones was recently reported to have called drone attacks and “increasingly

³ <https://www.bellingcat.com/uncategorized/2017/02/10/death-drone-bombs-caliphate/>

⁴ <https://www.ctc.usma.edu/posts/ctc-perspectives-the-islamic-states-drone-documents-management-acquisitions-and-diy-tradecraft>

insidious threat in Iraq.”⁵

In analysis circulated to its subscription-only list, the highly-regarded geopolitical intelligence firm Stratfor stated, under the heading “Preparing for the Inevitable” that it was only a matter of time before an Islamic State supporter attempted a drone attack in the West.

DroneShield provides an effective solution to this critical problem and is working with a range of private and governmental organizations on combating the threat.

Further Information

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About DroneShield Limited

Based in Sydney and Virginia, DroneShield is a worldwide leader in drone security technology. The Company has developed the pre-eminent drone security solution that protects people, organisations and critical infrastructure from intrusion from drones. Its leadership brings world-class expertise in engineering and physics, combined with deep experience in defence, intelligence, and aerospace.

ENDS

⁵ <http://www.dailymail.co.uk/news/article-4233408/British-general-warning-ISIS-threat-drones.html>



DroneShield® WideAlert

February 2017

The Market (Product Environment)

The range of installation environments and potential clients provides a significant challenge to the development of drone security devices.

Military Grade
Critical Reliability

Industrial Grade
Durability & Integration



Military
focused on defense



Law Enforcement
focused on fixed
& mobile deployments



Critical Infrastructure
focused on protection
of assets



Prisons
focused on surveillance
& deterrence

The Market (Product Environment)

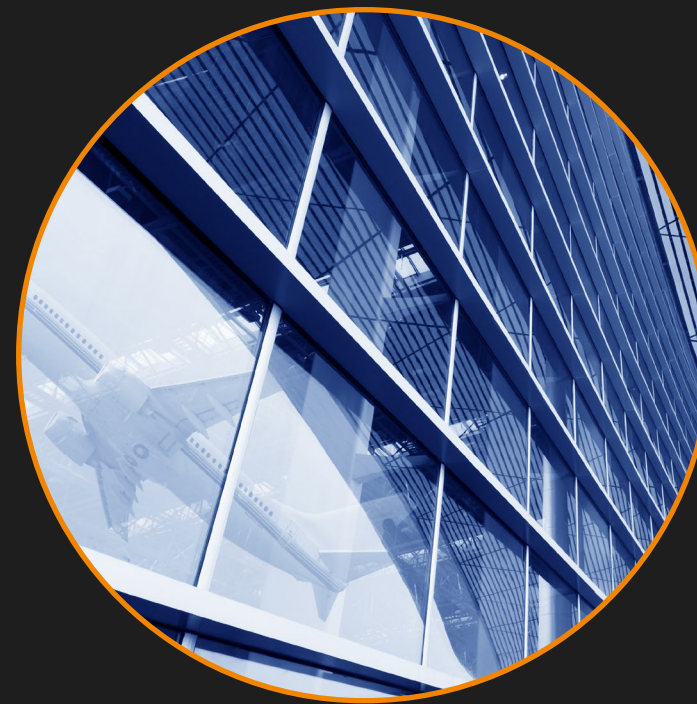
The range of installation environments and potential clients provides a significant challenge to the development of drone security devices.

Commercial Grade

Functionality & Adaptability

Consumer Grade

High Quality, Low Impact



Airports

focused on safety
& security



Special Events

focused on fast,
adaptable installation



Commercial Venues

focused on discreet
& appealing design



VIP Residences

focused on modern
consumer design

DroneShield® WideAlert

A universal drone security device.



Product Features

DroneShield® is committed to providing world class hardware to compliment its industry leading detection software.

Outdoor Accuracy

Weather resistant design filters common environmental noise to detect drones up to 200m away

Secure & Protected

A custom IP67 rated waterproof connector provides a sealed connection to the BaseStation. Conduit can be inserted to further secure the device



Modern Design

WideAlert balances form and function to break new ground for the industry in design and appeal

Compact & Inconspicuous

The small form factor allows for simple and nonintrusive installation. 100mm(w) x 100mm(l) x 68mm(h)

Mounting Plate

2mm Stainless Steel mounting bracket can be modified by the customer to suit their requirements. WideAlert can also be supplied in a flush mount configuration

Colour Options

Seamlessly blends into any industrial, commercial or consumer venues.



Midnight Black



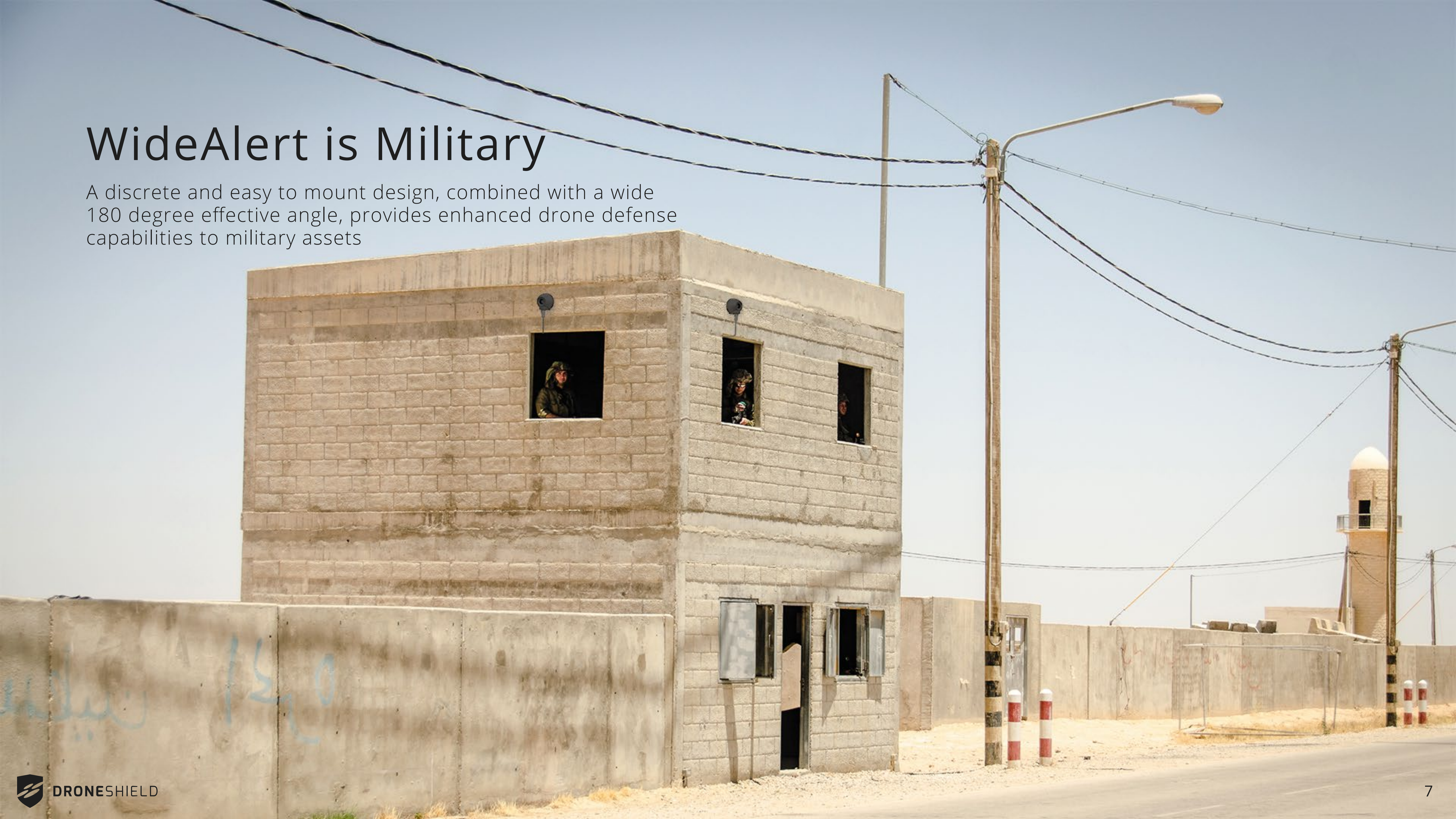
Cool Grey



Pearl White

WideAlert is Military

A discrete and easy to mount design, combined with a wide 180 degree effective angle, provides enhanced drone defense capabilities to military assets



WideAlert is Industrial

A heavy duty internal enclosure design and a textured finish makes WideAlert appropriate both visually and functionally for any industrial application



WideAlert is Commercial

Adaptable and modifiable to suit any commercial application

Long term installations can route cables behind the unit for a flush mount finish

The mounting plate can be easily modified on site to suit 'pop up' applications



WideAlert is VIP

Discrete alerting for privacy and security requirements



thank you.



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