

## MICRO-X UNVEILS NEW LOOK IED X-RAY CAMERA AT ARMY ROBOTICS EXPOSITION IN BRISBANE

*Backscatter imager's first showing to Australian Army personnel*

**Adelaide, Australia, 21<sup>st</sup> April 2021:** Australian hi-tech company Micro-X Ltd (ASX:MX1) (**Micro-X** or the **Company**), a leader in cold cathode x-ray technology for health and security markets globally, is pleased to announce the first public showing of the new design for its IED X-ray Camera was made yesterday with a representative space-model at the Army Robotics Exposition 2021.

### The Army Robotics Exposition 2021

The Army Robotics Exposition (ARX 2021) was a by-invitation-only event hosted by the Australian Army and provides a platform to showcase Robotics Autonomous System (RAS) concepts and technologies. The Exposition is part of the Chief of Army Symposium 2021 and, shaped for domestic audiences, provides an opportunity for Defence personnel to view available technologies and innovations which may be applied to the future operating environment. A theme of the Australian Defence Force's RAS strategy is Force Protection, particularly through removing soldiers from some of the most dangerous battlefield activities including Counter-IED tasks.

### IED X-ray Camera Background

The need for an IED X-ray camera was first addressed by Micro-X under a contract from the Australian Department of Defence to develop a remote-viewing x-ray imaging camera which can be carried down-range by a robot to allow rapid assessment to be made safely, potentially saving bomb technicians' lives. Traditional x-ray imaging requires manual placement of an x-ray detector behind the target object, with obvious associated risks. Micro-X's proprietary technology has removed the need for a separate detector and enables images to be captured by viewing from a single side, like a camera.



Micro-X's dedicated Product Line Manager, Shaun Graham, was in attendance to showcase the new design shape and portability of the Company's IED X-ray Camera to the Counter-IED community, Army Engineers, Special Operations Team members and Explosive Ordnance Disposal technicians. Lead engineers involved in Micro-X's development program were also on hand to provide technical updates on the operation and control of the product as well as show examples of the product's image quality in typical IED threat scenarios.



Micro-X's Managing Director, Peter Rowland, commented:

*"Our team at the Expo were very excited at the reactions to the small size and weight of our new backscatter imager from the Counter-IED community and how easily it interfaced with a number of robots already in service with both military and police EOD teams. Interest is already building to witness prototype demonstrations planned by the Company for later this year. The product's design has evolved substantially since its initial testing with the Australian Department of Defence and we are proud now to showcase this much more mobile, agile and robust product."*

This ASX Announcement is authorised by Kingsley Hall, Company Secretary of Micro-X Ltd.

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### **About Micro-X**

Micro-X Limited (the **Company**) is an ASX listed hi-tech company developing and commercialising a range of innovative products for global health and security markets, based on proprietary cold cathode, carbon nanotube (CNT) emitter technology. The electronic control of emitters with this technology enables x-ray products with significant reduction in size, weight and power requirements, enabling greater mobility and ease of use in existing x-ray markets and a range of new and unique security and defence applications. Micro-X has two mobile digital medical x-ray systems being sold commercially for diagnostic healthcare applications and Micro-X medical products are now in operation in 14 countries around the world.

Micro-X has a portfolio of innovative products in development, including the MBI for imaging Improvised Explosive Devices in security, defence and counter-terrorism applications; a next-generation self-service X-Ray Airport Checkpoint Portal with an integrated body scanner; and a lightweight brain CT imager for early stroke diagnosis in ambulances. Micro-X has its core R&D, engineering and production capability in Adelaide, Australia with a fully in-sourced CNT tube manufacturing line and approximately 95% Australian locally manufactured content.

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## CONTACTS

Micro-X Limited	Investor Enquiries
<p><b>Peter Rowland</b> Managing Director Tel: +61 8 7099 3966 E: <a href="mailto:admin@micro-x.com">admin@micro-x.com</a></p>	<p><b>David Allen / John Granger</b> Hawkesbury Partners Tel: +61 2 9103 9494 E: <a href="mailto:dallen@hawkesburypartners.com">dallen@hawkesburypartners.com</a> <a href="mailto:jgranger@hawkesburypartners.com">jgranger@hawkesburypartners.com</a></p>

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