

## SUCCESSFUL FIELD TESTING – ARGUS IED X-RAY CAMERA

*Demonstrates capability to detect IEDs in a range of common police and security settings*

**Adelaide, Australia, 29<sup>th</sup> May 2023:** 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 that the Company has successfully completed the first field testing of its Argus IED X-ray camera.

### Key Points

- **Argus pre-production unit successfully completes field testing for Improvised Explosive Devices (IEDs)**
- **High-definition backscatter images of potential IEDs transmitted to operator more than 1500m from target**
- **Field testing demonstrates capability of proprietary backscatter technology and high-powered generator**
- **Local and international customer demonstrations are scheduled in coming weeks**

### Successful Field Tests

Micro-X has successfully conducted field testing with a pre-production version of the Argus X-ray Camera, which is a complete unit with all elements of this proprietary technology – specialised CNT X-ray tube, high power generator, power componentry and imaging software. This testing occurred in Adelaide, South Australia, over several days in late May.

The real-world testing focused on capturing images of IED training aids in common scenarios experienced by military and law enforcement bomb technicians and is key to proving the performance of the product.

During field testing, Argus captured useful, high-definition backscatter images of an IED training aid through a car door. Argus was also able to capture backscatter images of a shallow-buried anti-personnel mine, which application has the potential to support military missions such as large area clearance and buried threat detection. Argus' robust communications system enabled images to be viewed more than 1500 metres from the target, which is a significant improvement on currently available systems.

Argus is the only portable backscatter system available to bomb technicians capable of remote operation and stand off imaging.

The field tests achieved the planned objectives and demonstrated Argus' ability to produce high-definition backscatter images to considerably increase the rapid threat assessment capability, and safety, of military and police bomb technicians.

Field testing images are available at <https://micro-x.com/> and [www.linkedin.com/company/micro-x](http://www.linkedin.com/company/micro-x)

### About Argus

Argus is a revolutionary approach to using backscatter x-ray for stand-off detection and diagnosis of IEDs, conventional, and improvised threats. The disruptive product uses Micro-X's patented Camera imaging technology.

Argus is uniquely able to capture backscatter x-ray images while remaining stationary and can be deployed by a robot. There is no requirement to place a separate imaging panel, reducing 'time over target' and increasing operator safety in real-world scenarios. Because of Micro-X's patented technology, Argus produces substantially higher resolution images than legacy backscatter devices, with less image noise, and by remaining stationary there is none of the blurring associated with movement during image capture.

Argus has been internationally recognised with an iF Design Award. Following Micro-X's ethos of customer-led design, the creation of Argus has involved experienced explosive ordnance disposal veterans and extensive consultation with law enforcement and defence personnel to ensure it enhances current operator workflow.

Micro-X is currently building additional pre-production units for expanded customer trials.

Micro-X's Chief Executive Officer, Kingsley Hall, commented:

*"This field testing demonstrates two significant capabilities of Argus – the ability to remotely capture high-definition backscatter images through a solid barrier, together with the ability to capture a high-definition image of a shallow-buried ordnance. We are extremely excited by the way that Argus performed in these realistic scenarios.*

*Looking ahead, we are confident that Argus can not only transform how the bomb tech community images suspect packages and explosives, but that there is an even wider application to the military, especially clearing large areas of buried explosive hazards such as land mines. We look forward to putting our product in the hands of customers."*

This ASX Announcement is authorised by the Board of Micro-X.

– ENDS –

## 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 a fully vertically integrated design and production facility in Adelaide, Australia. A growing technical and commercial team based in Seattle is rapidly expanding Micro-X's US business.

Micro-X's product portfolio is built in four, high margin, product lines in health and security. The first commercial mobile digital radiology products are currently sold for diagnostic imaging in global healthcare, military and veterinary applications. An X-ray Camera for security imaging of Improvised Explosive Devices is in advanced development. The US Department of Homeland Security has selected Micro-X to design a next-generation Airport Checkpoint Portal with self-service x-ray. A miniature brain CT imager for pre-hospital stroke diagnosis in ambulances, is being developed with funding from the Australian Government's Medical Research Future Fund.

For more information visit: [www.micro-x.com](http://www.micro-x.com)

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