

MICRO-X WINS UK GOVERNMENT FOLLOW-ON AIRPORT SECURITY CONTRACT

Micro-X will produce three-dimensional images from its explosives-detecting backscatter x-ray

Adelaide, Australia, 5th September 2019: 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 that the United Kingdom Government's Department for Transport has awarded the Company a follow-on contract under its Future Aviation Security Solutions (**FASS**) program. This programme, funded by the UK Government, will seek to extend the performance of Micro-X's unique X-ray airport security imaging solution developed under an earlier contract.

The FASS program was set up by the UK Government's Department for Transport (**DfT**) and is run by The Defence and Security Accelerator to source innovative technologies and solutions to improve aviation security. The FASS program aims to encourage innovation in aviation security and seeks to foster collaboration between its solution providers and the end-user airports and airlines.

Micro-X was first selected in April 2018 by the Defence Science and Technology Laboratory (DSTL) of the UK Ministry of Defence to undertake an R&D project using x-ray imaging for detecting explosives hidden in electronic devices. The aim of this project was to develop a lightweight, battery-operated, mobile x-ray unit which could be used for secondary screening of cabin baggage immediately prior to aircraft boarding. Micro-X presented the imaging results at a FASS meeting in London in September 2018. Security management from Heathrow airport attending this meeting expressed strong interest in the Micro-X solution for a future 'self-service' airport checkpoint.

Under the new £0.1 million contract, Micro-X will add a three-dimensional (3D) imaging capability to the airport screening system developed last year. The improvement in imaging performance will be compared to the previous trial, particularly with regard to detection rates of explosive threats hidden within electronic devices. It is expected that this will make a huge advance in detection capability and speed, putting this unique imaging modality into a class of its own compared with any conventional X-ray CT imaging systems. Work on this contract will commence in October and will complete within twelve months.

"We are delighted to be working again with the DSTL and DfT teams in London" said Micro-X's Managing Director, Peter Rowland. "The British Government is committed in this unique program to finding the best ways to provide aviation security. We see this as another validation for the utility of Micro-X's technology and how Micro-X is performing on a global stage."

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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 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. The Company has its core R&D, engineering and production capability at its facility in Adelaide, Australia.

The Company's first product, the *Carestream DRX Revolution Nano*, is an ultra-lightweight digital medical x-ray system for the rapidly expanding mobile x-ray market in hospitals and healthcare. The *Carestream DRX Revolution Nano* holds 510(k) and CE Mark certifications and is sold commercially in a number of global markets by the Company's exclusive distributor, Carestream Health, Inc.. The Company has a portfolio of innovative products in development, aimed at customer solutions where there is little or no competition. This includes the Mobile Backscatter Imager or MBI which will image Improvised Explosive Devices for airport security, defence and counter-terrorism applications. The MBI is being jointly

developed in partnership with Thales, a global supplier of defence and security technology systems, who are providing technical support and \$10 million of funding.

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