



Microsaic Systems

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## Microsaic Systems secures contract with US Missile Defense Agency

*Microsaic Systems signs Phase One contract with US Missile Defense Agency to carry out research into use of chemical detectors based on ionchip® technology.*

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Microsaic® Systems (Woking, UK), the developer of chip-based detector technology, is pleased to announce that it has signed a Phase 1 contract with the US Missile Defense Agency (MDA) to carry out research into the application of miniature mass spectrometer detectors within the Ballistic Missile Defense System (BMDS). The funding will enable Microsaic to study the feasibility of using patented ionchip® technology in various BMDS scenarios to detect and identify a range of materials. The chemical signatures of these materials could then be accurately 'fingerprinted' using detectors based on ionchip®.

"We are delighted to have signed this contract with the MDA. This funding will be used to investigate the feasibility of developing tools based on ionchip® technology which could accurately analyze chemical residues." said Alan Finlay, CEO of Microsaic Systems.

Microsaic Systems manufactures and sells highly deployable detector products capable of quickly and accurately identifying chemical compounds such as explosives, chemical weapons and drugs. Microsaic's detectors are based on its core ionchip technology, the world's first chip-based mass spectrometer, and are many times smaller and consume far less power than comparable laboratory-scale mass spectrometer instruments.

Alan Finlay, CEO of Microsaic Systems said, "This contract with the MDA enables us to further invest in our science and technology, and underlines the continued international demand for the skills in our team."

### About Microsaic Systems

Microsaic Systems is a rapidly growing UK company developing next generation systems capable of identifying trace compounds such as explosives, chemical weapons and narcotics. Mass spectrometers are sophisticated systems used in everything from explosives detection to drug discovery. Today's mass spectrometers are large, heavy and expensive. Microsaic's breakthrough ionchip® technology integrates the mass spectrometer onto a single silicon chip leading to massive size, cost and reliability advantages. Portable and laboratory systems are available from Microsaic for a variety of applications including the analysis of petrochemicals, pollutants, chemical & biological warfare agents, explosives and narcotics. Microsaic partners with customers to deliver products incorporating ionchip® technology.

Microsaic was formed in 2001 with technology developed at Imperial College London, the UK's leading technical university. Microsaic owns 53 patents, of which 20 are

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granted, or are pending grant. Based in Woking, Surrey (UK), Microsaic's headquarters are within 30 minutes of London, and Gatwick and Heathrow Airports.

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