



Microsaic Systems

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## **Microsaic Systems to lead European MEMS mass spectrometer project**

*Microsaic Systems to lead European project to manufacture miniature mass spectrometer components.*

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Microsaic<sup>®</sup> Systems (Woking, UK), the developer of chip-based mass spectrometer detectors, is pleased to announce that it was awarded a grant under the European Commission's 'Eurostars' programme. After technical assessment by an independent panel of experts in Brussels, Microsaic Systems' proposal was ranked first out of three-hundred and seventeen applications received from across Europe and led by a margin of forty-one out of six hundred points, an impressive result which underlines the esteem with which our technology is held.

Microsaic Systems and its partners will receive support to fund the production of Microsaic's proprietary chip technologies in European MEMS microfabrication facilities. The technology developed during this collaboration could lead to additional revenue streams for our chip-scale mass spectrometer detectors from gas analysis applications in markets such as healthcare, food and drink.

Microsaic Systems develops highly deployable detectors capable of quickly and accurately identifying chemical compounds such as explosives, chemical weapons and drugs. Microsaic's detectors are based on its core ionchip<sup>®</sup> 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.

### **About Microsaic Systems**

Microsaic Systems is a 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<sup>®</sup> technology integrates the mass spectrometer onto a single silicon chip leading to massive size, cost and reliability advantages. Portable and fixed systems are under development by Microsaic Systems for a variety of applications including the analysis of petrochemicals, pollutants, chemical & biological warfare agents, explosives and narcotics. The company partners with customers to develop products incorporating ionchip<sup>®</sup> technology.

Microsaic was formed in 2001 with technology from Imperial College London, the UK's premier technical university. Microsaic owns 53 patents, of which 22 are granted. Based in Woking, Surrey (UK), Microsaic's headquarters are within 30 minutes of London, and Gatwick and Heathrow Airports.

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