



Microsaic Systems

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## **Microsaic Systems part of successful European consortium for industrial biotech**

*Microsaic Systems part of EU-funded consortium for monitoring of industrial biotechnology.*

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Microsaic® Systems (Woking, UK), the developer of chip-based detector technology, is pleased to announce that it is part of a successful consortium that will receive funding from the European Union under its Framework Programme 7.

Microsaic Systems will partner with Finland's VTT and other partners to develop a platform for on-line monitoring of industrial biochemical processes. The project will apply various analytical techniques including mass spectrometry to the monitoring of cultures, biocatalysts and process streams.

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® 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® 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® 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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