



## **Microsemi and Brijot Expand Joint Development of Noninvasive Whole Body Imaging Systems**

### **Technology Leaders Accelerate Program in Response to Market Demand**

IRVINE, Calif., and ORLANDO, Fla., Feb 16, 2010 (GlobeNewswire via COMTEX News Network) -- Microsemi Corporation (Nasdaq:MSCC), a leading manufacturer of high performance analog mixed-signal integrated circuits and high reliability semiconductors, and Brijot Imaging Systems, Inc., announced today that they are expanding and accelerating their joint development program to meet increased demand for Brijot's noninvasive whole body imagers deployed in airports and other public facilities.

Brijot's whole body imagers screen people for concealed metallic and non-metallic weapons, explosives, drugs and other contraband -- without showing anatomical detail or exposing the traveler to harmful radiation which is coming under increasing scrutiny as a health risk.

Today's announcement follows Brijot's recent orders for Microsemi's SecureWave(TM) millimeter wavesecurity products that include W-band sensors and value-added manufacturing services. Brijot is the industry leader in passive millimeter wave security checkpoint screening systems.

"Microsemi and Brijot are technology and market leaders in millimeter wave solutions," said James J. Peterson, President and Chief Executive Officer of Microsemi. "The demand for whole body imaging systems has never been greater at airports and other public facilities throughout the world. Microsemi and Brijot are committed to provide millimeter wave technology that is unrivaled in privacy, safety, effectiveness and reliability."

Leaders in numerous countries have demanded greater use of whole body imaging technology that protects the privacy and health of the traveling public. Both companies expect demand to continue to increase in 2010.

Microsemi's Ka to W-band subsystems and related products are designed into active and passive systems which can detect both metallic and non-metallic items.

Brijot recently announced the launch of two new solutions in their suite of people screening technology -- SafeScreen(TM) and MobileScan(TM). The two systems are designed to meet the critical requirements of privacy, throughput, portability and size, to overcome challenges faced by airports and other public facilities burdened by limited space and power requirements.

SafeScreen(TM) is highly compact and can be combined with existing passenger screening solutions to enhance primary screening capabilities. MobileScan(TM) is a self-contained unit on wheels that is the industry's first fully portable whole body imaging system. It can be easily moved, plugged in and operational within minutes of arrival at any location without changing any existing infrastructure. MobileScan(TM) is ideal for both primary screening and secondary screening, or for use in conjunction with intelligence for random screening.

"Brijot is fully prepared to meet the escalating need for noninvasive whole body imaging systems, whether in the United States or elsewhere in the world," said Mitchel J. Laskey, President and Chief Executive Officer of Brijot. "We are especially pleased to partner with Microsemi to provide body scanners that are unsurpassed in their reliability and accuracy. We take pride in providing the highest level of security to travelers while protecting both their privacy and health."

#### About Microsemi

Microsemi Corporation, with corporate headquarters in Irvine, California, is a leading designer, manufacturer and marketer of high performance analog and mixed-signal integrated circuits, high reliability semiconductors and RF subsystems. The company's semiconductors manage and control or regulate power, protect against transient voltage spikes and transmit, receive and amplify signals.

Microsemi's products include individual components as well as integrated circuit solutions that enhance customer designs by improving performance and reliability, battery optimization, reducing size or protecting circuits. The principal markets the

company serves include implanted medical, defense/aerospace and satellite, notebook computers, monitors and LCD TVs, automotive and mobile connectivity applications. More information may be obtained by contacting the company directly or by visiting its website at <http://www.microsemi.com>.

The Microsemi Corporation logo is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=1233>

About Brijot Imaging Systems, Inc.

Brijot Imaging Systems, Inc. is a privately held company, with corporate and training offices in Orlando, Florida. The company designs, manufactures, and delivers passive millimeter wave security checkpoint systems for multiple vertical markets and customers around the globe. For more information regarding Brijot's leadership or any of the Brijot solutions please visit [www.brijot.com](http://www.brijot.com).

"Safe Harbor" Statement under the Private Securities Litigation Reform Act of 1995: Any statements set forth in this news release that are not entirely historical and factual in nature, including without limitation statements concerning the expansion and acceleration of their joint development program to meet increased demand for Brijot's noninvasive whole body imagers deployed in airports and other public facilities, are forward-looking statements. These forward-looking statements are based on our current expectations and are inherently subject to risks and uncertainties that could cause actual results to differ materially from those expressed in the forward-looking statements. The potential risks and uncertainties include, but are not limited to, such factors as rapidly changing technology and product obsolescence, potential cost increases, variations in customer order preferences, weakness or competitive pricing environment of the marketplace, uncertain demand for and acceptance of the company's products, adverse circumstances in any of our end markets, results of in-process or planned development or marketing and promotional campaigns, difficulties foreseeing future demand, potential non-realization of expected orders or non-realization of backlog, product returns, product liability, and other potential unexpected business and economic conditions or adverse changes in current or expected industry conditions, difficulties and costs of protecting patents and other proprietary rights, inventory obsolescence and difficulties regarding customer qualification of products. In addition to these factors and any other factors mentioned elsewhere in this news release, the reader should refer as well to the factors, uncertainties or risks identified in the company's most recent Form 10-K and all subsequent Form 10-Q reports filed by Microsemi with the SEC. Additional risk factors may be identified from time to time in Microsemi's future filings. The forward-looking statements included in this release speak only as of the date hereof, and Microsemi does not undertake any obligation to update these forward-looking statements to reflect subsequent events or circumstances.

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