



Media Contact:

Lisa A. Eppert

Coracle Group LLC

+1-619-934-8099

leppert@coraclegroup.com

www.coraclegroup.com

**SkyCross Unveils iMAT, a Revolutionary Technology
For Wireless Devices**

Patented radio-frequency solution provides the freedom for any sleek wireless device to offer high performance and increased network capacity

VIERA, FL—Jan. 28, 2008—SkyCross, a global wireless company providing antenna-centric radio-frequency (RF) solutions, today unveiled Isolated Mode Antenna Technology (iMAT), a revolutionary single-antenna approach providing significant benefits for device designers and manufacturers, network operators, and end users.

Antenna technology is crucial because the antenna is the only part of a mobile device that communicates directly with the wireless network. iMAT, a patented, counterintuitive solution, significantly improves antenna gain and receiver sensitivity, delivering the following benefits:

For device designers and manufacturers: iMAT enables designers of handsets, PC cards, USB dongles, personal navigation and other wireless electronics to offer diversity or multiple input, multiple output (MIMO) communications, even in applications where such implementation has been considered impossible due to space constraints inside mobile devices. (Traditionally, MIMO leverages multiple antennas at both the radio transmitter and receiver to improve communication performance). The single-antenna solution from SkyCross eliminates the need to configure multiple antennas and reduces the number of parts required to build a device.

For network operators:

A greater number of efficient, iMAT-equipped devices on a network can improve the capacity and bandwidth of the entire system. iMAT enables operators to optimize network performance without any additional investment in infrastructure. iMAT supports legacy networks and is essential for next-generation protocols such as HSxPA, WiMAX, 802.11x, and LTE—all of which require diversity or MIMO.

For end users: iMAT helps deliver better signal strength, even when the nearest tower or base unit is far away. This reduces dropped calls and enables faster data transfer for high-

definition video, music, and more. iMAT antennas also exhibit minimal power loss, extending battery life.

iMAT enables a single device antenna to perform like multiple antennas through the use of multiple feed points. Each feed accesses the antenna as if it consisted of multiple antennas, each with high isolation, low correlation, and high per-feed antenna efficiency. The multiple radiation patterns produced by an iMAT antenna have low correlation so they cover different spatial regions to achieve pattern diversity and signal independence. This makes the way the device is “pointed” with respect to towers and base units less crucial.

iMAT antenna systems are immediately available from SkyCross for commercial application in a wide variety of wireless devices.

“iMAT provides a new way to create a diversity or MIMO system,” said Chris Morton, CEO of SkyCross. “Now any wireless device can offer advanced antenna technology that was not previously feasible for small consumer electronics. As a result, end users will realize the full potential of their wireless services and demand faster connections at an increasing rate.”

For more information on the SkyCross iMAT solution, please join a live webinar scheduled for 11 am ET on Wed., Feb. 20. Register at www.skycross.com.

About SkyCross

SkyCross (www.skycross.com) is a global wireless company providing antenna-centric RF solutions to the mobile phone, home entertainment, and computing industries. These high-performance solutions bundle patented technologies, antenna products, and advisory services to streamline the design cycle, empowering device manufacturers to develop winning consumer electronics products and deliver them to market faster and easier. The company’s frequency-agile, protocol-independent technologies are key enablers in delivering advanced voice, data, video, and location services to a wide variety of very small devices. Founded in 2000, SkyCross is ISO 9001 certified and offers a full range of solutions from its facilities in Florida (USA), South Korea, and China.