



FOR IMMEDIATE RELEASE

Rice University Selects Metric Systems Corporation to Provide White Spaces Test Equipment for Houston's Technology For All Project

VISTA, Calif., February 28, 2011 – Vista, California-based Metric Systems Corporation (MSC) is proud to announce that it has provided a Rice University research team headed by Drs. Edward Knightly and Lin Zhong with the wireless test equipment necessary to explore the use of white spaces for low cost, widespread WiFi-like connectivity. The Technology For All Project, serving Houston's East End neighborhood, "aims to develop fundamental information technology advances that address the unique needs of underserved communities and developing regions."

"Using MSC's patented white space cognitive radio development platform, a.k.a. the WSCR-100, Rice University researchers now have an efficient means to develop and evaluate advanced protocol, modulation, and network concepts," says Bill Brown, President of Metric System Corporation. "The WSCR-100 provides both standard command line and embedded controls, along with a web-based user interface for setting UHF operating center frequency."

Aimed directly at fulfilling the needs of academic and industrial research, the WSCR-100 cognitive radio concept was brought to reality following the Federal Communications Commission's September 2008 decision to open the white spaces spectrum between 300MHz and 400MHz. This unlicensed spectrum, created when the United States completed the HDTV transition from analog to digital television, provides great opportunities to organizations innovating wireless solutions that take advantage of the long-range, obstacle-piercing capability of the spectrum channels.

Consisting of four key components—an UHF up/down 2.4-2.5 GHz translator, a 600 MHz x86 Ethernet processor, two 6 dB directional log periodic antenna, and bundled S-band drivers and Linux wireless measurement tools—the WSCR-100 comes prepared to test networking concepts for not only academic, but also industrial and commercial applications.

For organizations seeking a less comprehensive solution, MSC delivers the UHF to 2.4 GHz up/down converter as a standalone unit as well. Conversely, MSC also provides concept-to-completion product design services for firms and institutions seeking a full service approach to white space system development.

Brown states, "With new FCC rules allowing for the exploration of white spaces, the product development opportunities are limitless. The sheer capabilities of white space-based technologies to extend wireless ranges up to distances of 5-10 Km and penetrate physical impediments is unlike any wireless product the market has seen yet. White spaces really are a game-changer."

For more information, visit Metric Systems Corporation at <http://www.safari-networks.com>.

About Metric Systems Corporation (MSC)

MSC, a privately held California Corporation founded in 1992, designs and builds specialty infrastructure and last link wireless networking communications solutions for government, industry, and commercial interests. Its purpose-built, requirement-based terrestrial, satellite, and mobile wireless equipment solutions provide critical multimedia wide-area backbone transport for government and industry uses.

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Contact Danielle Reyes-Acosta, Director of Marketing, or Bill Brown, President, at info@metricsystems.com, or 760-560-0348.