



## FOR IMMEDIATE RELEASE

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## **COGNIO AND EDX WIRELESS TEAM TO PROVIDE A COMPREHENSIVE MESH NETWORKING SOLUTION TO ADDRESS LARGE SCALE WIRELESS DEPLOYMENTS**

*Solution helps network planners mitigate the impacts of interference in wide area, outdoor, and mesh wireless deployments*

**EUGENE, Ore., DECEMBER 5, 2006** – Cognio, the market leader in WiFi spectrum analysis solutions, and EDX Wireless, the market leader in municipal mesh network planning tools, are teaming together to help solve a nagging problem with mesh deployments—interference. EDX’s carrier-class SignalMX™ will integrate Cognio Spectrum Expert’s™ information about interfering devices and location, to make modeling outdoor networks more accurate.

The combined solution changes the way wide area Wi-Fi networks are bid, designed, and optimized. With the joint solution, network managers can geo-locate an interferer, classify the type of interference it emits, and then import that information into their network design tool. From there, they can run multiple “what-if” scenarios to optimize the layout of the network around this interference, and determine any coverage gaps. This information is used throughout the life of the network, including deployment and optimization design processes.

“When designing a wireless network, having the appropriate toolsets for analyzing the RF environment is critical with respect to the cost for design services, as well as the overall design accuracy and efficiency of the network,” said Jonathan Bosanac, Sr. Director of Technology for Wireless Facilities, Inc. (NASDAQ: WFII), a leading network integration and engineering firm. “Cognio and EDX’s integrated tools enhance our modeling capabilities, and increase the accuracy in RF prediction and propagation modeling, especially as it relates to the unlicensed wireless municipal market.”

“We recognize that interference problems in outdoor deployments are issues that can and must be addressed in the planning stages of the network infrastructure,” said Jeff White, executive vice president at Cognio. “The joint venture between Cognio and EDX Wireless teams the Spectrum Experts’ powerful analytic capabilities with the accuracy and flexibility of EDX’s planning toolset. The integrated solution will enable the delivery of optimized unlicensed networks that are easy to deploy and maintain.”

Proactively planning for interference reduces the risks associated with network designs. By having a suite of integrated tools that specifically address this issue, network managers can operate more reliable networks, leading to higher quality of service and customer satisfaction.

“One of the key strengths of EDX tools is the depth to which interference issues are considered during the planning of radio systems. As a leading tool provider to broadband wireless network industries, we know how important this is to today’s network designers,” said Ted Hicks, Executive Director of Product Management for EDX. “Cognio’s industry-leading product line is a perfect complement to EDX’s mature broadband wireless network planning tools. Combining prediction data with real-world information about specific interfering devices is the smartest way to plan networks operating in unlicensed frequencies.”

Spectrum Expert and SignalMX are both immediately available, and an integrated solution will be delivered in Q2 2007.

#### **About Cognio, Inc.**

Cognio is the leading provider of tools to fix RF interference. More information is available on the web at <http://www.cognio.com>.

#### **About EDX Wireless LLC**

EDX [network design tools](#) are some of the most widely used engineering software products for designing wireless communications networks, including wireless broadband, [WiMAX](#), [Wi-Fi](#), public safety, and other mobile wireless systems. This mature suite of tools is the result of over 20 years of development effort, including the pioneering of some of the most important innovations in [propagation modeling](#) such as ray-tracing. These highly accurate propagation and planning tools have been used in more than 55 countries worldwide for the successful [design and deployment of wireless networks](#). [www.edx.com](http://www.edx.com)

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