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Adaptrum Delivers More Broadband Connectivity Where Demand Is Needed
Adaptrum will demonstrate HD video streaming and high-speed Internet over unused TV broadcast channels (white spaces) using innovative cognitive radio and Microsoft spectrum management databases

Las Vegas, NV – April 10, 2011 – This week, April 9-14, Adaptrum, a Silicon Valley-based company that delivers broadband wireless access solutions to meet the growing wireless broadband demands, will be demonstrating commercially ready “white space” wireless broadband technology at Microsoft’s show booth at the National Association of Broadcasters (NAB) show at the Las Vegas Convention Center in Las Vegas, Nevada.

Both companies have been active in researching and developing technologies and solutions that enable wireless devices to unlock previously unused radio spectrum – the so-called “white spaces.” These technologies and techniques are the basis for the U.S. Federal Communications Commission’s (FCC’s) decision to allow unlicensed devices to access unused TV bands.

This week, Adaptrum will demonstrate a wireless platform it has developed, which delivers high-bandwidth broadband speeds while also meeting the FCC’s strict interference protection requirements. Microsoft Research also will be demonstrating its prototype white spaces database, which dynamically controls unlicensed device access to TV band spectrum. The exhibit can be found on the **Exhibit Floor South Lower Level 3812 (SL3812)**.

“Adaptrum enables both existing and new entrants, including local broadcasters, to use beachfront spectrum to deliver more broadband connectivity where the specific demand is needed most -- like Wi-Fi has done only better,” says Darrin Mylet of Adaptrum. “This opportunity will promote jobs, growth and investment in a new generation of wireless broadband technologies and eco-systems. Adaptrum’s innovative technology can use white space/license-exempt and with approval licensed, public safety and/or federal spectrum more specifically and efficiently.”

“Microsoft is pleased that Adaptrum has agreed to demonstrate its white spaces technologies at the NAB Show,” says Paul Garnett, Director for Interoperability & Standards at Microsoft. “Mobile data usage is exploding and the need for additional wireless broadband capacity will only continue to grow. As Microsoft, Adaptrum, and other parties demonstrated in the FCC’s TV white spaces proceeding, greater use of dynamic spectrum access technologies will enable consumers to make more productive use of limited spectrum resources. The TV band white spaces provide a golden opportunity for industry to demonstrate the benefits of devices that can adaptively operate on different spectrum bands and protect primary users from harmful interference.”

“The FCC’s white space rule-making has paved the way for us to bring new ways of deploying broadband wireless access systems immediately,” says Dr. Haiyun Tang

Founder of Adaptrum. “New infrastructure is needed to put fallow/vacant spectrum to use to help solve the broadband issues here and around the world. This will create opportunities for new or existing companies/enterprises/individuals to bring more broadband to the marketplace in both urban and rural areas. Adaptrum looks forward to working with Microsoft and many other companies to put more spectrum to use.”

About Adaptrum

Adaptrum delivers broadband wireless access solutions and market based mechanisms to enable new single or multi-use network infrastructure and service models to meet the growing wireless broadband demands. The company was founded in 2005 and was an active participant in the FCC TV Whitespace Devices Testing in 2008. It contributed to the FCC's rule making proceedings in 2008 and 2010.

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