

ADAPTIX Celebrates 11 Years of Patented 4G Innovations

Pioneer in OFDMA now in its second decade of developing 4G systems and technology

CARROLLTON – Sep. 13, 2011 – ADAPTIX Inc., a pioneer in the development of orthogonal frequency division multiple access (OFDMA) technology, announced today that it is celebrating its 11th anniversary of 4G broadband wireless innovation. The company’s history includes development of three generations of end-to-end OFDMA systems that led to the filing of some of the industry’s nascent 4G patents. One of its patents, U.S. Patent 7,072,315, entitled “Media Access Control for Orthogonal Frequency Division Multiple Access (OFDMA) Cellular Networks” was filed on Oct. 10, 2000, making it one of the earliest OFDMA patents issued by U.S. Patent and Trademark Office. ADAPTIX now holds over 225 issued and pending patents in 13 different countries - including the three largest by population: China, India, and the United States.

“ADAPTIX has invested over a decade in developing OFDMA and other technologies fundamental to 4G wireless broadband and has built significant corporate value through our dedication to the inventive process,” said Michael Pisterzi, ADAPTIX president and CEO. “We did not have the burden of legacy activity to constrain our thinking and innovation. Subsequently, our patent portfolio is uniquely concentrated on 4G. Our research and development efforts have been focused on next generation broadband technology since the inception of the company.”

Although ADAPTIX is best known for its early developments in OFDMA, its innovations cover many aspects of 4G wireless systems and technology.

“Our breadth of innovation is substantial, with significant inventions related to the OFDMA physical and media access control layers, ‘smart antenna’ technologies such as beamforming and MIMO, power control, base station coordination and even hybrid 3G/4G network applications,” said Byron Young, vice president of marketing and technology at ADAPTIX. “Many of our early 4G inventions describe methods to support a large number of high-bandwidth users in limited frequency spectrum, while dealing more effectively with issues such as fast fading and RF interference, providing benefits to end users and carriers alike.”