



XTENDWAVE WINS KEY PATENTS FOR TECHNOLOGY

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By Anjishnu Biswas

The U.S. Patent and Trade Office has approved three of Xtendwave's (News - Alert) key patents for issuance. The approved patents reportedly cover key aspects of Xtendwave's implementation of its Adaptive Filter Bank Modulation (AFBM) technology, employing wavelet-transform signal processing methods. The approved patents pertaining to AFBM technology are:

- Optimal Filter-Bank Wavelet Modulation,
- Inversion Of Channel Distortion By Adaptive Wavelet Lifting,
- Code Division Multiple Access Employing Orthogonal Filter Bank.

Xtendwave has 14 patents pending that cover both the core technology and its application to various transmission media. The company will offer devices for incorporation into DSL line cards and CPE modems, as well as providing licensed IP to key customers.

Marc Landry, CEO of Xtendwave said patent approval is a major milestone in substantiating and bringing to market Xtendwave's solution to dramatically improve broadband data and HDTV service delivery to more people. He added that broadband providers and millions of end users worldwide will benefit from better broadband signals that travel further.

The company believes that Xtendwave is an especially attractive solution for rural telecommunications companies that want to eliminate the digital divide in underserved, geographically isolated regions. Thanks to Xtendwave, providers can increase their area coverage by two times or more versus existing high-speed broadband and HDTV coverage.

Dennis Robbins, an Xtendwave senior technology advisor, said, with these patents in place, Xtendwave is poised to achieve several goals with an upside for all industry participants.

Robbins explained that Xtendwave will help telecommunications companies compete into the future, help satisfy customer and regulator demand for broadband ubiquity, help equipment providers use and monetize spare DSLAM slots, and help equipment

manufacturers develop relevant new products for the vast telecom market.

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