

XtendWave Delivers Enhanced Last Mile Solution at 0.0 Bit Error Rate

Disruptive Technology Extends Legacy Copper and Boosts Wireless Networks

October 16, 2006 Dallas: XtendWave, Inc. (<http://www.xtendwave.com>), a fabless semiconductor company with patent-pending products for wireless and wireline CPEs (customer presence equipment), has announced the successful third party validation of its product by tekVizion Labs (<http://www.tekvizionLabs.com>), an independent testing and certification/verification lab for VoIP and IMS products and applications.

“Our technology has proven that it can deliver data at 1.5Mbps with 0.0 bit error rate (BER) over a single copper pair for 20,000 feet,” stated Marc Landry, president and CEO XtendWave. “It also delivers greater than 10Mbps at 12,000 feet with zero errors, far exceeding traditional DSL capabilities of 386Kbps over the same distance with a 10^{-3} BER.”

Chris Freeman, tekVizion’s Vice President of Sales noted, “tekVizion diligently scrutinized the testing in effort to disprove XtendWave capabilities as our engineers rarely see a 0.0 BER. The first test was with the test generator, and the second was performed used the CERJAC TI signal generator. Both were successfully completed as specified in the test plan on September 25, 2006.”

The XtendWave technology is suitable for any communications application including wireless (Wi-Fi, WiMax, Ultra-Wideband), cable, satellite, power and storage systems. It enables carriers and broadband services providers to enhance their service offerings by improving operations, reducing costs and extending the life of legacy copper infrastructure.

By enhancing the strength, speed/bitrate and distance between termination points, it has the ability to cut equipment costs by as much as 50%.

In communications, the encoding and modulation comprises the selection of a set of base-band symbols with the assignment or mapping of data elements, and, therefore, allocation of energy to these symbols. The symbols comprise frequency components having finite energy levels, which exist for some time duration. By assigning transmitter energy to a more compact representation in time and frequency XtendWave yields a symbol that is less degraded by noise. The XtendWave solution leverages adaptive filter-bank modulation (AFBM) and base-band symbols as coordinated in wavelet space. AFBM wavelet space is spanned by special wavelets that are spectrally adapted to the channels.

Details of the test and information covering XtendWave’s current funding round are available on request from Julia Woodward, CFO jwoodward@xtendwave.com Tel: 469-916-6595 x111.

Media Contact:

Lore Devra Levin, Chairman
Associated Asia Investments Limited
Tel: 817-373-3567 lore@associated-asia.net

About tekVizion PVS, Inc.

tekVizion (www.tekvizion.com) is setting the new standard for systems integration in the telecommunications industry. tekVizion Labs™ is the first interoperability certification lab of its kind, and tekVizion’s suite of FastForwardSM services helps service providers achieve a smooth transition to packet-voice networks, speeding delivery of integrated services. tekVizion leverages its real-world, multi-vendor integration and test experience and proven processes to provide leading vendors, carriers, and enhanced service providers with solutions that meld

legacy and next-generation resources. tekVizion's headquarters, along with a state-of-the-art test lab and Executive Briefing Center, is located in the Telecom Corridor® in Richardson, Texas.

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