WAVECREST NEWS RELEASE

Company Contact:
Trudy Weiser
Marketing Communications Manager
(952) 831-0030
tweiser@wavecrest.com

Wavecrest Enhances Oscilloscope Bandwidth Capability to 13GHz across Family of Signal Integrity Analysis Solutions

Higher bandwidth ensures accuracy of critical measurements as both clock and data signals increase in speed

Eden Prairie, MN – August 19, 2005 – Wavecrest, the leading developer of signal integrity analysis solutions announced that their entire family of Signal Integrity Analyzers have an increased oscilloscope bandwidth capability to 13 GHz. These solutions include the SIA 3100, SIA 3300, SIA 3400 and SIA 3600, and are used by engineers to assure signal integrity in the design, characterization and the production of today's leading technology serial data interfaces.

The combination of the oscilloscope bandwidth improvement and robust jitter analysis tools included within the SIA Family's GigaView™ software, provide a comprehensive solution for measuring signal integrity for standards such as PCI Express™ Gen 2 (5Gb/s) SATAII (3Gb/s), 4x Fibre Channel (4.25Gb/s), and XAUI (3.125Gb/s).

"As new standards emerge, Wavecrest continues to develop hardware and software tools for the most demanding diagnostic and compliance testing, " states Dennis Leisz, Wavecrest President and CEO. "The 13 GHz bandwidth extension on the oscilloscope, along with the enhanced features of our GigaView software, enable our users to have continued confidence that their test measurements are accurate and reliable. This is especially important as serial interface speeds continue to increase."

Wavecrest's GigaView software uses DSP algorithms to enhance the bandwidth of the internal oscilloscope to 13GHz when measuring periodic waveforms such as clock or repeating data patterns. The enhanced bandwidth provides increased accuracy when using the oscilloscope to measure features such as rise and fall times. DSP algorithms are an industry standard method to improve the bandwidth of the hardware in oscilloscopes.

The SIA Family's GigaView software also includes dedicated tools that test all physical layer amplitude and timing parameters such as rise-time, fall-time, de-emphasis ratio, eye opening and Total Jitter with immediate pass/fail confirmation in one screen. This software provides additional diagnostic tools that enable users to instantly determine the root cause of issues.

GigaView software utilizes Wavecrest's patented TailFit™ algorithm, an industry standard approved methodology for separating and identifying various jitter components and providing a true and accurate total jitter number. This unique capability allows the user to predict the future performance of a device or system to a BER of 10^{-12} or lower.

Wavecrest's new enhanced bandwidth capability is available free of charge as a GigaView 1.5 software upgrade for exisiting Wavecrest SIA 3100, 3300, 3400 and 3600 customers. It is included as standard software on new sales of these products.

About Wavecrest

Within design, characterization and production facilities worldwide, engineers trust in Wavecrest solutions to meet their toughest challenges in signal integrity analysis. Wavecrest signal integrity solutions are optimized for clock and datacom applications in both lab and ATE environments. For more information, please visit www.wavecrest.com

More information on the Wavecrest solution featured in the Intel Developer Network catalog can be found at www.pciexpressdevnet.org/solutions_catalog.asp