



## Digital Bandwidth Interleave Technology

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### LeCroy Demonstrates Technology for High Bandwidth Real-Time Oscilloscopes up to 60 GHz

*New Generation of Digital Bandwidth Interleave Technology to Use New Chips and Techniques  
Company to Announce 45 GHz 4-Channel Oscilloscope System in 2010*

**Chestnut Ridge, NY, April 26, 2010** – LeCroy Corporation today announced that the sixth-generation of Digital Bandwidth Interleave (DBI) technology has been successfully demonstrated in its design labs in New York. This latest generation technology will use new front-end chips, which provide lower noise and higher native bandwidths. The combination of new silicon and improved DBI techniques can produce low-noise digital oscilloscopes with true analog bandwidths up to 60 GHz, doubling the capabilities of LeCroy's current industry-leading bandwidth performance of 30 GHz.

Product development efforts using the new technology have begun and are expected to yield a fresh pipeline of high-end products during the next two years. The first products using this new technology will be announced before the end of calendar 2010 and will provide four simultaneous channels with 45 GHz real-time bandwidth.

"We continue to be impressed with the market demand for our high-bandwidth oscilloscopes," said LeCroy President and Chief Executive Officer Tom Reslewic. "Design engineers working with high-speed serial data links are faced with enormous challenges to ensure that designs achieve targeted levels of performance. Recently, there has been a marked increase in design activity and interest in very high speed applications, such as 100 Gb Ethernet. These applications are driving the development of oscilloscopes with increasingly higher bandwidths."

LeCroy's WaveMaster 8 Zi two-channel 30 GHz oscilloscopes are currently the highest bandwidth solutions available in the market. LeCroy's 45 GHz technology will be vital as the next generation of research and development shifts to serial data links that require unprecedented speed and signal fidelity.

"LeCroy's next-generation high-bandwidth oscilloscopes will offer increased channel density, higher bandwidth, lower noise and improved jitter performance. As always, we will continue to provide our high bandwidth oscilloscope customers with a migration path to the next-generation products when they arrive," concluded Reslewic.

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## **About LeCroy**

LeCroy Corporation is a worldwide leader in serial data test solutions, creating advanced instruments that drive product innovation by quickly measuring, analyzing, and verifying complex electronic signals. The Company offers high-performance oscilloscopes, serial data analyzers, and global communications protocol test solutions used by design engineers in the computer and semiconductor, data storage device, automotive and industrial, and military and aerospace markets. LeCroy's 45-year heritage of technical innovation is the foundation for its recognized leadership in "WaveShape Analysis"—capturing, viewing, and measuring the high-speed signals that drive today's information and communications technologies. LeCroy is headquartered in Chestnut Ridge, New York. Company information is available at <http://www.lecroy.com>.

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