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NEC



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**NEC SELECTS THE REALTA HQV™ VIDEO PROCESSOR
TO BRING QUALITY VIDEO TO PLASMAS AND PROJECTORS**

San Jose, CA—(June 8, 2005)—NEC Solutions America, Inc. has partnered with Silicon Optix to bring award-winning HQV™ processing powered by Teranex to NEC plasmas and projectors. The new NEC TheaterSync™ external video processing unit will seamlessly connect to its displays for outstanding video performance.

The Silicon Optix/Teranex born HQV technology meets the demands of the high performance display market by utilizing true 10-bit video processing, full four field motion adaptive video deinterlacing for both standard definition and high definition signals, temporal-recursive noise reduction, automatic multi-cadence detection, and pixel-based detail enhancement. The scaling engine inside the Realta uses as many as 1024 taps and can scale all resolutions up to QXGA. The Realta implements the same video processing power—1 trillion operations per second— as the famous \$60,000 Teranex Xantus box.

The NEC TheaterSync™ will offer a complete array of connectivity, including all SD, HD, and PC signals over standard analog, DVI, and HDMI inputs. Additionally, TheaterSync™ will incorporate the newest HQV algorithm, CNR™ (CODEC Noise Reduction), to reduce the artifacts caused by MPEG and other CODEC compression methodologies.

The Realta HQV processor has already received numerous awards and accolades, including the “Best of Innovations” award for the Embedded Technologies category at the 2005 Consumer Electronics Show, “Most Promising New Technology” and “Most Exciting New Company” from *The Perfect Vision*, “Best Buzz” of CEDIA from Insight Media, *AVGuide Monthly’s* “Best Product Overall,” *Red Herring’s* “Top 100 Innovators” award, Fred Kahn’s “Silver Best of CES” award, and most recently “Best Picture of the Show” at the Home Entertainment 2005 Show in New York City, from Tom Norton of *UltimateAVmag.com*.

The NEC TheaterSync™ will be available in October, 2005, \$3,595 MSRP.

To learn more about Realta HQV, go to www.hqv.com.

About NEC Solutions (America), Inc.

NEC Solutions America, Visual Systems Division (VSD) is the second largest provider of professional grade plasmas and projectors in North America. Backed by a global 100 technology leader with over \$45 billion in revenue, NEC provides projectors and plasmas with crystal clear images every time – *because it’s your image*. For more information, please visit www.necvisualsystems.com or call 1-800-NEC-INFO.

NEC Solutions (America), Inc. is a premier provider of integrated solutions for the Connected Enterprise in North America. As an affiliate of NEC Corporation (NASDAQ: NIPNY) (FTSE: 6701q.1), NEC Solutions America taps into a global resource network to help clients leverage technology to achieve a competitive edge. From corporate performance management and biometric security solutions to digital cinema and in-theatre advertising systems, visual displays and server solutions, the expertise is delivered with the personal attention needed to address individual situations. With headquarters in Rancho Cordova, California, NEC Solutions America serves a wide range of markets, including the healthcare and public safety, financial services, cinema, retail and manufacturing markets. Information regarding NEC Solutions America can be found at www.necsam.com.

About Silicon Optix

Silicon Optix Inc., a privately held fabless semiconductor company, is the leading supplier of advanced programmable video/image digital processing integrated circuits (ICs). The company’s products are driving three unique technologies into a broad range of markets: a patented, powerful, array-based programmable DSP for digital video that can perform one trillion operations/second enabling real-time pixel-by-pixel processing of HDTV; industry-leading and Hollywood proven software algorithms from Teranex; and proprietary eWARP™ geometry processing. Silicon Optix’s mission is to leverage these innovative technologies into ICs that will enable the next generation of digital video/image capture, transmission, distribution, editing, storage, and display solutions, with an initial focus on large-area digital displays including front and rear projection. Silicon Optix is headquartered in San Jose, California, with operations in Hanover, Germany; Orlando, Florida; Taipei, Taiwan; Shanghai, China; and Toronto, Canada. For more information about Silicon Optix, please visit the company’s website at www.siliconoptix.com.