VESA Certifies Tektronix DisplayPort Cable Tests
Standards Association Approves Cable Test Solution Documented in Industry-First Methods of Implementation (MOI); Reduces Cost and Complexity for Tyco Electronics

PRNewswire
BEAVERTON, Ore.

Tektronix, Inc. a leading, worldwide provider of test, measurement and monitoring instrumentation, announced that the Video Electronics Standards Association (VESA) has approved the Tektronix solution for testing DisplayPort interconnect cables as documented in a Methods of Implementation (MOI) -- the first MOI in the industry for DisplayPort 1.1 cable testing. The Tektronix methodology eliminates the need for expensive and complicated instruments promoted by alternative solutions. The new MOI and complete Tektronix DisplayPort test offering can be viewed at http://www.tek.com/displayport.

DisplayPort is the new digital display interface technology for computers, monitors and home-theater systems aimed at lower implementation costs and improved video performance. DisplayPort gives manufacturers of LCD panels, monitors, graphics cards, PC chipsets, projectors, peripherals, components, cables, and consumer electronics a next generation digital interface that is designed to replace LVDS, DVI, and eventually VGA.

The Tektronix interconnect MOI specifies a DSA8200 Digital Serial Analyzer and TDR/TDT and S-Parameter support through iConnect® software. This is the only approved single instrument DisplayPort interconnect test solution in the market for passive cables. Testing active cables additionally requires an AWG7102 Arbitrary Waveform Generator and 80SJNB jitter analysis software. Unlike alternative solutions that require expensive, complex instruments and setups the Tektronix configurations efficiently ensure a readable signal reaches the receiver.

"The Tektronix approach successfully performed the needed DisplayPort cable tests," said Doron Lapidot, director of engineering, Circuit & Design Asia Pacific and EMEA, Tyco Electronics. "The Tektronix solution provides the needed compliance testing with reduced cost and complexity. We've selected this option as part of our DisplayPort interconnect testing procedures."

"The DSA8200 measurement system provides channel characterization with TDR/TDT and S-Parameter support," said Ian Valentine, general manager, Technology Solutions Group, Tektronix. "The acceptance of our DisplayPort cable test solution for interconnect testing by VESA and adoption by forward-looking organizations like Tyco Electronics demonstrate the utility and cost-effective advantages of the Tektronix tools and methodology."

Tektronix has received VESA certification for source, cable, and sink compliance test solutions. "Tektronix is recognized around the world for its leadership in test solutions including DisplayPort," said Bill Lempesis, executive director, VESA. "These tools enable companies to efficiently test their designs, helping to expedite compliance with the DisplayPort standard. The efforts of Tektronix increase the overall set of tools that companies have available to assist in DisplayPort development and industry adoption."

About DisplayPort

The DisplayPort digital display specification 1.1 was published by the Video Electronics Standards Association (VESA) and has been endorsed by major PC manufacturers such as Dell, Hewlett-Packard Company, and others. It promises a scalable, license-free technology that will simplify PC monitors.

About Tektronix

Tektronix is a leading supplier of test, measurement, and monitoring products, solutions and services for the communications, computer, and semiconductor industries -- as well as military/aerospace, consumer electronics, education and a broad range of other industries worldwide. With 60 years of experience, Tektronix enables its customers to design, build, deploy, and manage next-generation global communications networks, computing and advanced technologies. Headquartered in Beaverton, Oregon, Tektronix has operations in 19 countries worldwide. Tektronix' Web address is http://www.tektronix.com/.

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First Call Analyst:
FCMN Contact:

SOURCE: Tektronix, Inc.

CONTACT: Gary Grossman, Worldwide Sr. PR Manager of Tektronix,
+1-503-627-1097, gary.grossman@tektronix.com

Web site: http://www.tektronix.com/

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