

## **Tektronix News Release Tektronix Showcases Innovative Product and Technology Solutions at IBC2008 1-800-833-9200**

### **Portfolio of Video Test Products Address Digital Video Delivery and Quality Challenges**

BEAVERTON, Ore. September 12, 2008 – Tektronix Inc., a leading, worldwide provider of test, measurement and monitoring instrumentation, is showcasing product and technology solutions across its portfolio at IBC 2008, September 12-16, 2008 on stand 9.E30. The company is displaying its solutions for [file-based video](#), [MPEG](#), SD and HD and next generation compression technologies to meet the needs for almost every point in the digital ecosystem, underpinning the explosion of [digital video](#) applications.

#### **TG700 with 1080p SDI Signal Generation Facilitates 3Gbps Services Roll-out**

At IBC, Tektronix is showcasing significant upgrades for the successful TG700 modular multi-format precision [video signal generator](#) including the addition of 1080p SDI signal generation on a single link. This capability is added through the new 3Gbps HD3G7 module which supports both Level A and Level B 1080p SMPTE formats. The 3Gbps HD3G7 modules assist video equipment designers and manufacturers to get to market quickly and efficiently and facilitate early 3Gbps services roll out for broadcasters and post production operators.

The TG700 is a modular platform that offers great flexibility for customers to choose precisely the output signal types that they need, and provides an immediate upgrade path for those who wish to purchase a signal generator now but add 3Gbps outputs at a later date.

#### **TG700 with GPS-based Synchronization and Timecode Generation**

Tektronix is also showcasing a GPS and timecode module for the TG700 modular multi-format precision signal generator. The GPS7 module allows the TG700 to act as a master clock and synchronization system, including video reference and timecode, for broadcast and post-production operators. A GPS clock can simplify facility configuration by supplying all necessary clock signals from a single worldwide reference.

The GPS7 module for the TG700 provides broadcasters with the option of having all the video reference signals in their facility locked to an extremely stable source, preventing any long-term drift. For post-production applications, the GPS7 module with the TG700 provides flexible timecode support. Many post-production houses work with multiple video formats simultaneously, so the ability to support multiple video and timecode formats is important.

#### **ANC Data Inspector for the Successful WFM Series**

Also on the stand, the new “ANC Data Inspector” enhances the Ancillary (ANC) data monitoring capabilities of the WFM7120 and WFM6120 waveform monitors for broadcast monitoring applications. The “ANC Data Inspector” provides an industry leading solution to help broadcasters easily and accurately ensure that all required ANC data is present and correctly configured through an intuitive ANC data display. For ANC data, which is flagged with errors, engineers are quickly guided to a more detailed view of the data packed content for further analysis. The “ANC Data Inspector” provides the capability to monitor and diagnose ANC data with a common user interface resulting in a more efficient workflow.

#### **WFM5000/WVR5000 with New TandemVu™ Display**

On display will be the new TandemVu™ Display capability for the Tektronix WFM5000 waveform

monitors and WVR5000 rasterisers, launched earlier this year, which provide the ability to overlay waveform and vector displays and waveform and lightning displays and position flexibly in full screen mode. It also allows magnification of each trace individually based on specific user preferences. The resulting display is akin to having two tiles in full screen size overlaid plus a thumbnail picture display as required.

TandemVu provides broadcast operators with a more efficient and effective way to adjust and balance cameras in either broadcast studios or outside broadcast (OB) vans. The WFM5000/WVR5000 with TandemVu enables broadcast operators to personalise the screen display based on their individual application needs. For easy documentation, the personalized screen display can also be captured and stored in bitmap file format on a USB storage device.

#### **Other highlights on the Tektronix stand include:**

- The WFM4000 and WFM5000 [waveform monitors](#) and WVR4000 and WVR5000 [waveform rasterisers](#) that offer the best price/performance in the industry and leading ease of use.
- Upgrades to the Tektronix WFM and WVR series including the addition of 3Gbps Single Link Serial Digital Interface (SDI) support to the WFM7020 and WFM7120 waveform monitors.
- The latest Tektronix MPEG solution; the MTM400A [MPEG Transport Stream Monitor](#). The MTM400A features the powerful *FlexVuPlus*<sup>TM</sup> user interface that leverages the deep measurement capabilities of the MTM platform to deliver greatly simplified DTV monitoring and diagnostics.
- [Cerify](#)®, the world's first fully automated system capable of verifying the quality of file-based, compressed digital video and audio content prior to transmission or use.
- The award winning [PQA500](#) that provides the most complete suite of measurement and diagnostic tools for picture quality analysis including full support of high definition (HD) formats.

#### **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 [www.tektronix.com](http://www.tektronix.com).

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