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Sentry's New Bandwidth Analysis Tools and Stream Capture Capabilities Provide Video Service Providers With Additional Tools for Ensuring Optimal Quality of Experience

LOS ANGELES – July 8, 2009 – Mixed Signals, the leading provider of digital content monitoring solutions, today announced significant new capabilities for its award-winning Sentry® digital content monitoring solution including the ability for video service providers to optimize their bandwidth to deliver the maximum amount of programming, and the ability to record video and audio errors for more detailed analysis and repair.

Sentry's new Program Group Bandwidth Analysis tool allows video service providers to accurately track the bandwidth utilization of all the video programs they deliver, enabling them to optimally configure their networks to deliver the maximum number of programs while guaranteeing each program can receive the bandwidth required for pristine picture quality. The tool closely monitors service providers' existing multiplex or QAM groups in addition to analyzing virtual program groups. Operators may also use Sentry to create a virtual grouping of programs to understand the bandwidth behavior over a 24-hour period. This allows them to "test" the bandwidth needs of a new multiplex or QAM group before putting it into production.

Beyond delivering more programming, achieving this level of bandwidth efficiency can help service providers maximize their investments in transport equipment. For instance, cable television operators could use their existing QAM modulators much more efficiently and avoid the need to purchase additional modulators.

"Competition for subscribers is fierce and service providers are fighting in two ways – offering more HDTV, VOD and other services and striving to deliver these services with superior video and audio quality," said Eric Conley, CEO of Mixed Signals. "The combination of Sentry's industry-leading error detection abilities and its new Program Group Bandwidth Graphing tool gives video service providers the most comprehensive solution for ensuring their subscribers enjoy the best possible quality of experience (QoE) while viewing the greatest number of services."

In addition to its new bandwidth analysis tool, Sentry has been fortified with a Trigger Program Capture feature to record video and audio errors as they occur, which can speed their diagnosis and repair. The Trigger Program Capture is integrated with Sentry's equally innovative Audio and Video QoE Scoring System, which is the first solution of its kind to accurately determine the severity of video and audio glitches as they occur and indicate precisely how much these errors impact viewers' QoE. When the Audio and Video QoE Scoring System identifies deterioration in program quality of a pre-determined severity, the Trigger Program Capture feature automatically records the program. The captured video can then be easily retrieved by headend technicians to be sent to encoder or multiplexer vendors for product adjustments.

About Sentry

Sentry is a comprehensive content monitoring solution for cable, telecom, IPTV and other video service providers. Sentry enables the early detection, diagnosis and repair of video and audio errors (i.e., video freeze, macro-blocking, loss of audio, etc.) whenever or wherever they occur in the network, so service providers can deliver services with excellent quality, thus ensuring an optimal quality of experience (QoE) for subscribers. Sentry accomplishes this through its unique combination of unprecedented visibility into network anomalies at the IP and MPEG layers, scalability to monitor every program in the network and its real-time, 24/7 operation. Sentry is proven in deployments with service providers worldwide, including eight of the top 10 U.S. cable operators.

About Mixed Signals

Mixed Signals provides the most comprehensive and scalable digital content monitoring solutions from the source to the edge including digital services, transport streams, ad insertion, switched digital video, video on demand and interactive content. Mixed Signals' innovative products offer unparalleled visibility into video streams and digital services in real time. The Company's products are known for their ease of use and deliver critical intelligence about overall network transport stream behavior, trending analyses, and actionable alerts when anomalies are detected. More than any other product on the market today, Mixed Signals monitoring solutions enable cable and satellite television operators, broadcasters, content aggregators and IPTV providers to simplify deployments of new services and applications, and to future-proof and maximize the return on the investment in their digital networks.

For more information visit www.mixedsignals.com or call 310.227.8620.

Media Contact:

John Giddings
Mobility Public Relations
650-245-2782
jgiddings@mobilitypr.com