News Release

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For Immediate Release

German cable operator Kabel Deutschland selects Pixelmetrix Real-Time Quality Surveillance Solution

NAB, Las Vegas, April 2005, Central Hall 4, booth #C7316 - Pixelmetrix is pleased to announce that Kabel Deutschland GmbH has selected the Pixelmetrix DVStation solution as their Digital Video Quality assurance platform.

Kabel Deutschland (KDG) is the leading cable operator in Germany and throughout Europe and operates the technical platform for digital television for all content suppliers in Germany. Based in Unterfoering, Germany – KDG offers numerous digital cable packages including Kabel Digital HOME, Kabel Digital BASIC as well as eight different foreign language packages under the Kabel Digital INTERNATIONAL service.

During a recent overall of their infrastructure, the engineers at KDG incorporated an innovative "services oriented" quality assurance concept as a central tenet of their new system. "The goal of Service Monitoring on the digital platform is the complete surveillance of the digital services from the incoming point all the way to the final delivery point on the cable network. All KDG services must be monitored in real-time and immediate notification of any discrepancy against expectations is required." Says Claus Beck, Team Leader Playout Center of Kabel Deutschland.

In designing their system, five systems from the leading suppliers were selected and thoroughly tested during the evaluation by Kabel Deutschland in Usingen.

"The DVB/MPEG monitoring system is the heart of the complete monitoring setup at our Playout Operations Center (POC) in Usingen. No other system within our quality assurance process needs to deliver such detailed and in depth information. The system is required to check and validate the most complex signals (DVB Transport Streams) reliably and in real-time.

"The high standards of quality demanded that we carefully define all the system requirements up front and evaluate the interfacing capabilities of the monitoring solution

with the high layer management system. The DVStation from Pixelmetrix supports our requirements for DVB/MPEG Monitoring perfectly." continues Mr. Beck.

Thanks to the implementation of this new DVB Quality assurance solution, the following functionality was achieved:

- Measuring compliance against TR 101290
- Measuring of the Peak data rate over a selectable interval
- Alarm generation with configurable time-hold off
- Surveillance of DSMCC
- Surveillance of MHP
- SNMP interfacing with higher layer management system
- SNMP trap generation for alarm notification directly identifying the Service name
- Simple graphical interface for the simultaneous surveillance of many transport streams
- Automatic logging of all measurements with selectable time interval
- Export capability of logged information for troubleshooting or service performance documentation
- Ghost analysis
- Surveillance of referenced and unreferenced stream elements
- PID surveillance
- Data rate surveillance for Tables, Services and program elementary streams
- Surveillance of change of CA keyword
- Audible alarm notification
- Comparison between history and current values
- Recording of transport stream segments for troubleshooting purposes
- Surveillance of HTML services
- Clear recovery strategy for disaster scenario
- Service performance monitoring

"The quality surveillance solution from Pixelmetrix provides a powerful SNMP interface for seamless integration of alarm, fault, and telemetry information to an higher layer Network Management System. After considering the basic technical functionality of the machine, it was this ease of integration with third party systems which formed the key decision criteria for Kabel Deutschland", adds Michael Preisser of SHM Broadcast GmbH, who represents Pixelmetrix in Germany.

About Kabel Deutschland

Kabel Deutschland (KDG) operates cable networks in 13 of Germany's states and supplies around 10 million connected TV households in Germany. Kabel Deutschland is thus Europe's biggest cable network operator. The company develops new packages for digital TV, Highspeed Internet and additional services. KDG offers an open platform for digital TV for all programme providers. It operates the networks, markets cable connections and ensures comprehensive service for all matters of cable connectivity. In 2003, an investment consortium comprising Apax Partners, Providence Equity and Goldman Sachs Capital Partners took over Kabel Deutschland from Deutsche Telekom.

About DVStation Products

DVStation, DVStation-Remote, DVStation-Pod, and DVStation-IP by Pixelmetrix are award-winning systems for monitoring the quality and performance of digital networks. DVStation is the only all-in-one solution that can monitor a signal path from studio to home. The operator sets the monitoring thresholds and alert methods for the entire network from a single location. DVStation will notify operators if there's trouble, with alerts delivered remotely over a corporate LAN, the Internet or even to a pager. If signal and content integrity is essential for business success, DVStation is the most advanced Preventive Monitoring solution available today.

About Pixelmetrix Corporation

Pixelmetrix Corporation is the global expert in Preventive Monitoring for digital television networks. The company provides equipment and network intelligence systems to television broadcasters for management and monitoring of quality of service. Headquartered in Singapore, Pixelmetrix has offices in the United States and Europe. Pixelmetr ix customers include CNN, CBS, Disney, HBO, NHK, Japan Telecom, KPBS, NTL, Sky PerfecTV! Japan, British Telecom, Canal+, Astra, Hessischer Rundfunk, Bayrischer Rundfunk, RBB and many more. It is the winner of the Peter Wayne Award for Best Design and Innovation IBC 2000, winner of the STAR 2000 & 2004 Superior Technology Award from TV Technology Magazine, and recipient of a Cable-Satellite/Mediacast Product of the Year Award in 2003 & 2004. For more information, visit www.pixelmetrix.com.

For more information about DVStation and Pixelmetrix, please email info@pixelmetrix.com or visit www.pixelmetrix.com.

The terms Preventive Monitoring, DVStation, DVStation-Remote, DVStation-Pod, DVStation-IP, DVStor, DVShift, DVScope, and DPI Auditor are trademarks of Pixelmetrix Corporation.

About SHM

SHM Broadcast GmbH representing Pixelmetrix exclusively in Germany. Next to Pixelmetrix, SHM represents a variety of well-known international hard- and software manufacturers for the broadcast market. The entire SHM-team can look back on long term experience in the broadcast market.
More information about SHM Broadcast GmbH can be found under www.shm-broadcast.de

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