

## Press Release

### DVStation™ with DVB-T Line Interface to be introduced at IBC 2000

#### **The industry's first integrated 21-port and multi-layer digital video monitoring system for DVB-T.**

AMSTERDAM, September 8, 2000 - For the first time in Europe, Pixelmetrix Corporation will showcase its extremely well-received flagship product - DVStation™ with DVB-T interface at IBC 2000.

"A major stumbling block in the delivery of quality digital video has been the inability to quickly find and resolve impairment problems. Using human eyes to watch hundreds of TV screens is neither practical nor helpful in pinpointing which piece of equipment failed. With DVStation™, TV broadcast operators now have an early warning system that helps them resolve errors before picture quality is affected," said Danny Wilson, President and CEO of Pixelmetrix Corporation.

Unveiled in North America at NAB 2000, DVStation™ has been extremely well received.

DVStation™ is the first product of its kind to provide integrated supervision of up to 21 ports to detect the source of picture impairments on multiple levels (physical, transport, video/audio quality). Its power lies in the 21-port correlation of results from many different transmission layers. Each test port effectively operates as a computer, monitoring key points in the video transmission chain and displaying results at a glance. RF, protocol, multiplexing, and content errors propagating through the network can now be traced and pinpointed to the faulty link or component before serious problems develop. This allows network operators to track error propagation along the broadcast chain, pinpoint problem equipment, and rectify problems quickly before they become visible.

With the DVB-T interface, DVStation™ joins the DVB-T community in the drive towards consistent superior television picture quality. It is based on SPaSE's professional SP8871P, a fully DVB-T compliant single chip OFDM demodulator/FEC. It receives COFDM RF signals, measures the RF characteristics, and demodulates the signal to an MPEG Transport Stream to the Transport Stream Processor via DVStation™ daisy chain bus.

**Key Features of the DVB-T Line Interface Module:**

- 48-860 MHz tuneable DVB-T receiver
- 6/7/8 MHz channel bandwidth supported
- 2k and 8k OFDM supported
- Hierarchical modulation supported
- RF characteristics measurements of Error Vector Magnitude (EVM) and Modulation Error Ratio (MER)
- Bit Error Rate (BER) Measurement before Viterbi, after Viterbi and after Reed Solomon
- Constellation display

The new DVStation™ will be showcased at IBC 2000 until September 12 at the Pixelmetrix exhibit in the Amsterdam RAI (booth 233, hall 8).

## **About Pixelmetrix**

Pixelmetrix Corporation is focused on providing specialized instruments to the digital video broadcast industry. Pixelmetrix applies telecom network management and test techniques to enable a smoother transition to digital broadcasting. It employs experts in telecom, broadcasting, and the Internet and combines their strengths to design innovative solutions for the new digital networks.

DVStation™ is available for order now. Prices start at US \$22,000.

For more information about DVStation™ and Pixelmetrix's role in enabling the transition to digital television, please visit our homepage at <http://www.pixelmetrix.com>.

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