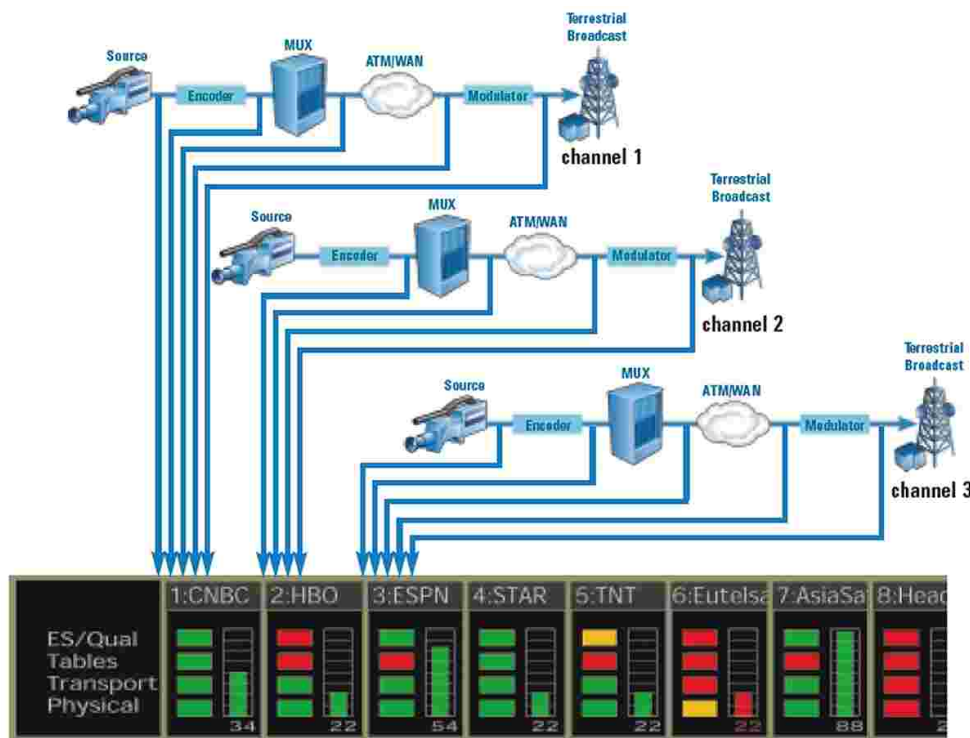# DVStation-211

OVERVIEW

The Pixelmetrix DVStation-211 is a multi-port, multi-layer monitoring and impairment system designed specifically for digital video network and transmission operators. With high-density monitoring capability, the DVStation-211 provides adequate visibility in modern headends.

KEY FEATURES

- Status at a glance - global view network health
- Error detection on multiple layers (physical layer, transport layer and video quality layer) on up to 21 ports simultaneously
- Multi-port and multi-layer error correlation
- Intuitive touch-screen graphical user interface (GUI)

COMPATIBILITY

- Transport Stream Processor
  - TSP120
  - TSP100
  - TSP090
- Satellite L-Band Monitors
  - ASLF090
  - SLF090
  - PSK090/110
- Cable Feed Monitors
  - QAM090 A/B/C
- Terrestrial Monitors
  - FDM093/092
  - VSB090
- SDI Monitors
  - QMM100
  - AMM100

DVStation, the flagship product of Pixelmetrix Preventive Monitoring product line, has the power and flexibility to track thousands of parameters within hundreds of television signals. From the SDI signals that pass through the broadcast plant, to the encoded MPEG and RF signals that reach viewers' home. All real time, simultaneously, continuously and from one easy-to-use, self-contained device.

UNPARALLELED VISIBILITY

The DVStation-211 is the new and improved high-density headend monitoring mainframe from Pixelmetrix. Sharing the DNA of the award-winning DVStation-210, the DVStation-211 retains all the best qualities, while improving on the rest.

MULTI-PORT CORRELATION

With multi-port correlation, a single DVStation™ can simultaneously connect to several points along the transmission chain, displaying correlated results at a glance. This allows network operators to track error propagation along the chain, pinpoint problems and rectify them quickly.

Pixelmetrix
corporation

New & Improved

The DVStation-211 has new and improved internals and external interfaces. It has been designed to provide future-proof support for all current and upcoming Pixelmetrix Line Interface (LIF) cards.

Power Efficient

The DVStation-211 improves on the DVStation-210 with an improved power utilization mechanism. The DVStation-211 comes with newly designed control circuitry that automatically scales the cooling system proportional to the power consumption.

Remote Control

Remote control is possible via a standard web browser or via SNMP-based network management systems such as HP OpenView®.

Multi-layer Correlation

DVStation™ can detect picture impairments before they become visible by comparing errors at each level of the protocol stack. Since errors on any lower layer affect all those above it, fault isolation is possible. These layers consist of physical, transport and quality (video/audio coding and quality).

Status at a Glance

DVStation™ reports the status of all ports, layers and parameters within a single integrated display. A touch panel on the LCD screen allows fast drill down to problem areas.

The port status bar at the bottom of the screen shows the health of each port at a single glance - green means "good", red means "problem".

At the touch of the port showing red bars, all the relevant port status information is displayed when a problem occurs. Log files can also be retrieved to check historical problems.

Intuitive Control at your Fingertips

DVStation™ features a touch screen flat panel display and an intuitive graphical user interface that runs within an X-windows® Linux® environment.

Modular Architecture

DVStation™ is uniquely designed and operate as a powerful parallel computer. Its modular architecture combines very high port density and test modules for physical, transport and quality testing to support monitoring of all network configurations, regardless of size.

Physical & Environmental Specifications

- Physical:
  - Height: 5U 19" rack mount
  - WxHxD: 48 cm (19") x 22 cm (8.7") x 61 cm (24")
  - Weight: 44 lbs (20 kg)
- Power:
  - Input voltage: 87 V to 132 V or 174 V to 250 V
  - Frequency: 47 Hz to 63 Hz
- Operating Environment:
  - Operating: +10° C to +50° C
  - Storage: 0° C to +50° C

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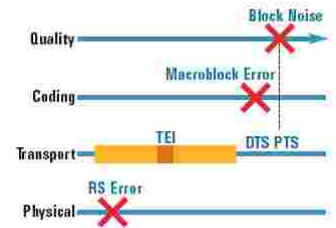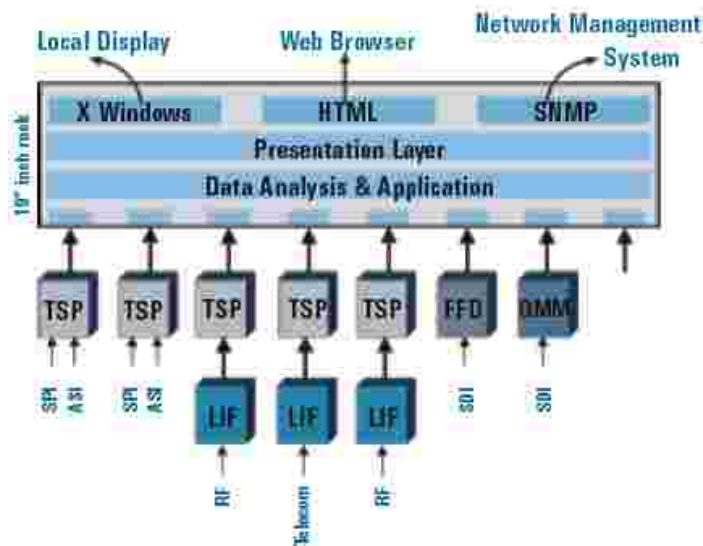Fax: +1 954 472 6989

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