

# NAB 2003 Product Fact Sheet

***DVStation:*** *The Most Advanced Guardian Available to Continuously Monitor the Quality of Digital Signals and Content*

***DVStation-Remote:*** *Affordable, Expandable Real-Time Preventative Monitoring for Smaller or Remote Facilities*

***DVStation-Pod:*** *Low Cost, Compact Single Source Test Analyzer*

***DVStation-IP:*** *The World First Real-time Test and Monitoring Tool for MPEG over IP*

***DVStor:*** *Direct and reliable long term storage of line MPEG-2 transport streams*

## **Key Features for DVStation:**

- Simultaneous real-time measurement of up to 21-inputs
- Variety of input modules:
  - ASI/SPI Transport Stream Processor
  - QPSK DVB-S TSP
  - QPSK IF (intermediate frequency) TSP
  - COFDM DVB-T TSP
  - QAM DVB-C TSP
  - Sonet/SDH 155 Mbps optical ATM IF
  - SDI Quality Monitor Module
  - SDI Freeze Frame Detector
- Unique On-air Content Validation (OCV) identifies service content problems in real-time.
- Programmable triggers for errors, bandwidth, and content errors
- Automatic 96 MB transport stream capture with variable pre-trigger
- Concurrent multi-user architecture
- Multiple remote control options: LAN, WAN, dial-up modem, Web browser, VNC, SNMP, CORBA, etc.
- Field upgradable software

**Key Features for DVStation-Remote:**

- Same level of in-depth signal monitoring and analysis as the award-winning DVStation (from one to four interfaces)
- Cost-effective monitoring of RF, ATM, MPEG, and SDI signals
- Real-time analysis in compact configuration
- Transport stream capture
- Automatic On-air content validation
- Compact 1RU rack mount package

**Key Features for DVStation-Pod:**

- RF & MPEG commissioning & installation
- Real-time portable analysis
- Power & performance at a reasonable price
- Six models available:
  - ASI/SPI/SMPTE-310
  - QPSK L-Band
  - ATM
  - COFDM
  - SDI Picture Quality Monitor
  - SDI Audio Monitor
- Transport stream capture
- Captured files off-line analysis
- Full support for ATSC, DVB, and ISDB

**Key Features for DVStation-IP:**

- 10, 100, or 1000 Mb/s Ethernet test port
- MPEG-2 over UDP or RTP/UDP
- Real-time comprehensive transport stream monitoring:
  - Bandwidth utilization
  - Packet interval
  - TR101-290 compliance
  - PCR Jitter
  - Real-time transport stream decode
  - Real-time PSI/SI/PSIP table decode
- Configurable thresholds and alarm settings
- Bandwidth displayed by service name
- Auto On-air Content Validation
- Live video display
- HTML, SNMP, and CORBA remote control
- Compact 1RU rack mount package

**Key Features for DVStor:**

- Directly records MPEG-2 transport stream up to 50 Mb/s.
- Available in 250 GB, 500 GB, and 1TB configurations to provide up to almost three days of storage