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IBC New Product Launch

From our booth in Hall 2 of IBC 2002, Pixelmetrix showed for the first time in Europe the new DVStation Remote and DVStation-Pod products – new additions to our product family of award-winning DVStation “Preventative Monitoring” solution for today’s complex digital broadcast networks.

The DVStation Remote is a smaller version of the flagship DVStation. Consisting of one to four book-sized Pod modules and a single 1U rack-mounted Remote Controller, the DVStation Pod-Remote system is operated through a LAN or dial up telephone, allowing database or user access from a personal computer.



Available for immediate delivery, the DVStation Remote was designed for either the smaller facility that might not need the full 21-module capability of the DVStation, or a complex digital network that requires simple single source monitoring at multiple locations. In either application, the DVStation Pod-Remote provides the same level of in-depth signal monitoring and analysis as the full DVStation at a more affordable price.



Also at IBC, Pixelmetrix demonstrated its new DVStation Pod, a low-cost tool to analyze and troubleshoot digital broadcast signals. Light and so portable it easily slips into a tool case, DVStation Pod borrows most of the advanced features of the full DVStation including its extraordinary user-friendly interface, on-board transport stream capture, internal playback and analysis, and error and measurement logging.

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Live Video Display

Also at the show, we demonstrated the new v3.2-3 software release for the DVStation family as well as showed the new **Live Video Display** feature.

The new feature – available to all new and current DVStation users – decodes a user-selectable program within a transport stream and shows full motion video within the DVStation GUI.

Furthermore, the selected program name & number are also stored within the DVStation *profile* mechanism. That means making a rotating round-robin display of video programs on different PID's is as easy as loading specific profiles into the scheduler and setting the times to display!



The feature is supported on both the 21-port DVStation and the DVStation-Remote on its local display. Video display is possible with any DVStation family module containing embedded transport stream functionality – namely TSP, QPSK, COFDM, and ATM.



In conclusion, IBC was a great show for Pixelmetrix and we thank all of you who paid us a visit at our booth. For those of you who were unfortunately unable to make it to IBC this year, please drop us a note at sales@pixelmetrix.com to learn about all the exciting new developments first hand.

Thanks and cheers from all of us at the Pixelmetrix IBC Team!



Order from Canal+ Received on Show Floor

Following an in-depth evaluation of how DVStation could provide Preventative Monitoring of RF, MPEG, and Content validation within their extensive broadcast network, Canal+ of the Netherlands has decided on DVStation.

Sharing the good news in the photo are John and Karl of Alphasat NV in the Netherlands – Pixelmetrix' dutch distributor, Yves, VP Sales Pixelmetrix, and Danny, President Pixelmetrix.



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New for Version 3.3: More MHP

The Multimedia Home Platform (MHP) is an evolving new technical standard that allows interactive multimedia programs from different content providers to be accessed through a common set top box.

The MHP suite of standards describes a broad range of features and weighs in at almost 2,000 pages. DVStation has had support for datacast monitoring for over a year now. In our latest software release, we've expanded MHP support to include MHP-specific SI information and DSM-CC Data Carousel monitoring.

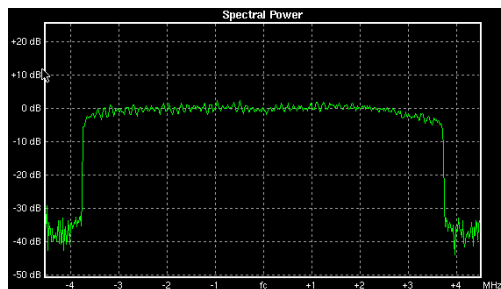
```

PID 0x006A (106):
DSM-CC_data_download_section
  table_id          0x3C [DSM-CC_section (download data me
  section_syntax_indicator '1'
  section_length     0xFFD
  table_id_extension 0x0005
  version_number     0x01
  current_next_indicator '1'
  section_number     0x00
  last_section_number 0x0B

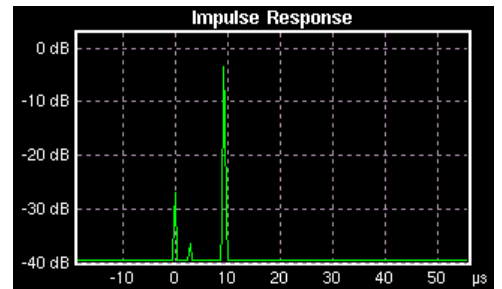
downloadDataMessage
  downloadDataMessage
    DownloadDataBlock
      dsmccDownloadDataHeader
        protocolDiscriminator '00010001'
        dsmccType              0x03 [Download]
        messageId              0x1003 [DownloadDataBlock]
        downloadId             0x00000001
        adaptationLength        0x00
        messageLength          0x0FE8
        moduleId               0x0005
  
```

New Enhancements for COFDM

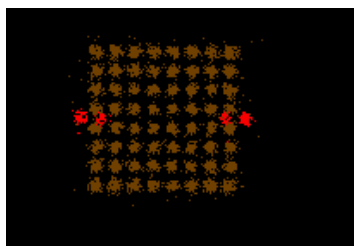
As part of our commitment to continually maintain the value of your investment in DVStation, our latest software release adds new key features to our COFDM monitoring interfaces. Vital for getting your DVB-T networks installed and keeping that way, DVStation now provides three easy-to-use measurement displays:



Spectrum



Impulse Response



Constellation Display

```

Port 14 PID View
PID 0x0015 (21):
  sync_byte          0x47
  transport_error_indicator '0'
  payload_unit_start_indicator '1'
  transport_priority  '1'
  PID                0x0015
  transport_scrambling_control '00' [not scrambled]
  adaptation_field_control '01' [no adaptation_field, payload only]
  continuity_counter  0x66

mega-frame_initialization_packet
  synchronization_id  0x00 [SFN synchronization]
  section_length      0x24
  pointer             0x00
  periodic_flag       '0' [aperiodic mode]
  future_use          '00000010000000'
  synchronization_time_stamp 0x000024
  modulation_delay     0x27A12
  tps_nips            0x00000001000000011001011000000000'
  filler_bytes        0x0000: 00 11 00 00 07 03 07 FF .....
  
```

MIP Table Decode

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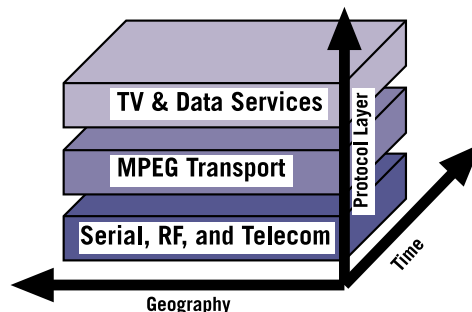
Pixelmetrix Around the World

Our speaking engagements at technical and academic conferences has grown dramatically. Catch Pixelmetrix speaking and exhibiting in some of these upcoming events:

- Oct 8 SMPTE, Toronto Chapter, Toronto, Canada
- Oct 12-15 ProAudio-ProVideo Workshop and Exhibition, Milan, Italy
- Oct 16-17 Motorola Digital Media Systems Users' Conference, San Diego California
- Oct 22-24 SATIS 2002, Paris France – Miranda Booth E61
- Oct 23-26 SMPTE '02, Pasadena California – Booth 312
- Oct 30-Nov 2 TRBE Expo, Moscow – A&T Trade Booth
- Nov 20-22 InterBEE '02, Tokyo Japan

About DVStation

Pixelmetrix has focused on creating a single self-contained monitoring station that can analyze thousands of parameters within hundreds of digital television signals. Through the use of plug-in modules and parallel processing, we monitor all these parameters in real time, simultaneously and continuously. Whether monitoring for compliance of an RF carrier, MPEG transport stream, picture quality, or program content, we've targeted our development efforts to insure the quality of the signal, the integrity of the program service and the delivery of essential technical information to the right people in a timely and meaningful manner.



Contact us today to learn how DVStation can help with your specialized requirements!

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