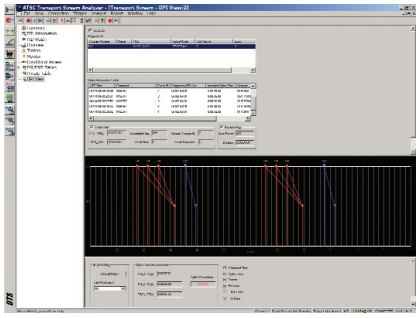
DTS 200/330 Digital Program Insertion

MPEG-2 Transport Stream Digital Program Insertion Analysis and Testing



Highlights

- Easy to Use GUI – View all DPI related data for the entire stream in one view and rapidly correlate DPI PIDS's to associated tables and splice points
- Real-time solution can be used to monitor splice points, tables and descriptors in the broadcast
- Automated stream captures, event logs and report generation on DPI related errors and events

Key Features

- **Complies with SCTE-35 Standards**
- **DPI Program List Data is Decoded and Displayed**
  - **PMT PID**
  - **Program Name**
  - **PID Listing**
  - **Splice Mode**
  - **SIT Table Rate & SIT Errors**
- **DPI Splice Information Table (SIT) Data is Decoded and Displayed**
  - **UTC Time**
  - **Command**
  - **Event ID**
  - **Component / PID List**
  - **Intended Splice time**
- **Graphical representation of insert commands in relation to Presentation Time Stamp of programming**

Network operators and broadcasters are increasingly moving from analog to digital networks and want to maintain and even grow their advertising revenue. Digital Program Insertion (DPI) provides a way to accomplish this goal on the new digital infrastructure as it is very important for operators to have the same program insertion capability on their digital networks that was available with analog programming. Some operators are aggressively looking to deploy digital ad insertion into their Video On Demand (VOD) content in the very near future. DPI will allow the operator to continue to offer their local advertising and even compete for a larger share of the market with the ability to offer advertisements based on specific geographies.

The new JDSU Digital Packet Insertion module is a robust, standards based solution (SCTE-35 compliant) that will enable operators to efficiently test their DPI broadcast equipment and monitor/troubleshoot the associated MPEG streams with DPI data. The system will accurately test the message format that triggers a digital video encoder to insert a splice-point in the MPEG transport stream, the DPI Program List Data and the DPI Splice Information Table (SIT) Data information. JDSU's solution also allows you to rapidly identify descriptors and errors in splice points or DPI tables allowing for proper DPI troubleshooting and implementation.

DPI is a "must have" for operators and broadcasters that are looking to capture the next level of advertising revenue. Our solution will provide the testing accuracy and efficiency required today and in the future. DPI testing protects a tremendous revenue stream through an enhanced capability for targeted advertising.

Call JDSU today for a demonstration or for more product information.

Specifications

General Specifications

Dimensions:	5.5x14.5 x1.2 in (PIM)
Weight:	1 lb (PIM)

Ordering Information

DTS-200 / DTS-300 DPI MPEG Analyzer Application Modules	
DTS-200 DPI Basic Analysis Module	I7553/9409
DTS-330 DPI Basic Analysis Module	I7554/9304
DTS-200 / DTS-300 MPEG Analyzer Interface Modules	
DTS-200 ASI Input Interface Module	I7553/9210
DTS-200 ASI Output Interface Module	I7553/9211
DTS-200 Gigabit Ethernet Interface Module	I7553/9212
DTS-200 PSK Interface Module	I7553/9213
DTS-200 QAM-6MHz Interface Module	I7553/9214
DTS-200 QAM-8MHz Interface Module	I7553/9215
DTS-200 8VSB Interface Module	I7553/9216
DTS-200 COFDM Interface Module	I7553/9217
DTS-330 ASI Input Interface Module	I7554/9211
DTS-330 ASI Output Interface Module	I7554/9223
DTS-330 Gigabit Ethernet Interface Module	I7554/9288
DTS-330 PSK Interface Module	I7554/9273
DTS-330 QAM-6MHz Interface Module	I7553/9284
DTS-330 QAM-8MHz Interface Module	I7554/9285
DTS-330 8VSB Interface Module	I7554/9286
DTS-330 COFDM Interface Module	I7554/9287

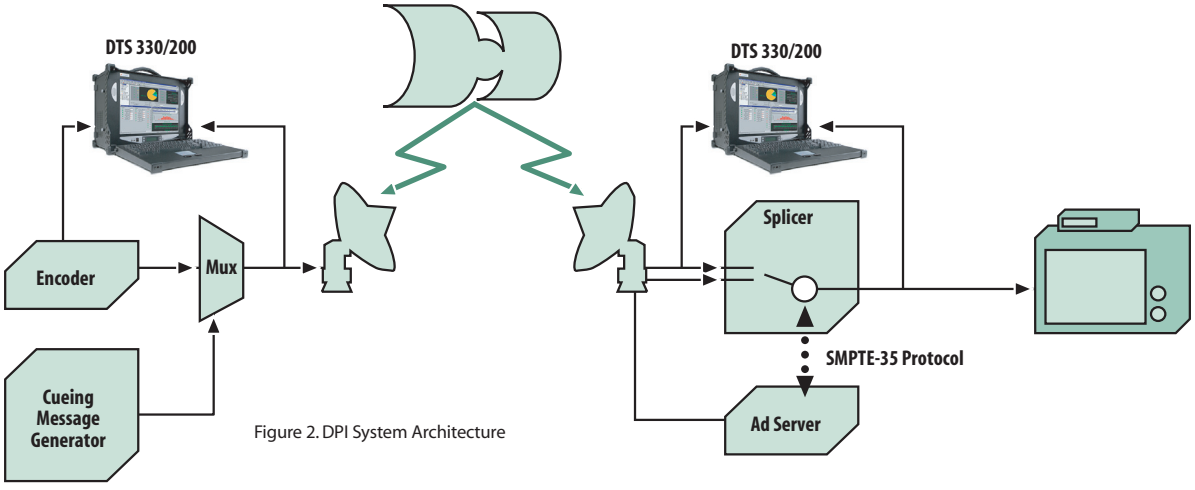


Figure 2. DPI System Architecture

All statements, technical information and recommendations related to the products herein are based upon information believed to be reliable or accurate. However, the accuracy or completeness thereof is not guaranteed, and no responsibility is assumed for any inaccuracies. The user assumes all risks and liability whatsoever in connection with the use of a product or its application. JDSU reserves the right to change at any time without notice the design, specifications, function, fit or form of its products described herein, including withdrawal at any time of a product offered for sale herein. JDSU makes no representations that the products herein are free from any intellectual property claims of others. Please contact JDSU for more information. JDSU and the JDSU logo are trademarks of JDS Uniphase Corporation. Other trademarks are the property of their respective holders. ©2006 JDS Uniphase Corporation. All rights reserved. 30137589 000 0706 DSTDPI.DS.CAB.TM.AE

Test & Measurement Regional Sales

NORTH AMERICA
TOLL FREE: 1 866 228 3762
FAX: +1 301 353 9216

LATIN AMERICA
TEL: +55 11 5503 3800
FAX: +55 11 5505 1598

ASIA PACIFIC
TEL: +852 2892 0990
FAX: +852 2892 0770

EMEA
TEL: +49 7121 86 2222
FAX: +49 7121 86 1222

WEBSITE: www.jdsu.com