

PSIP/SI Generation System For Digital Cable TV Systems

GuideBuilder®

Consistent Metadata Generation for CATV

Today's cable providers are faced with more challenges and competition than ever before. Innovative services require bandwidth, which has been too often tied up by analog channels. Deploying a clear QAM digital basic lineup is increasingly the choice for many of today's advanced cable companies.

Triveni Digital's GuideBuilder PSIP Generator has everything you need to get channel and guide information to those customers with digital televisions with built in clear-QAM tuners, as well as those with basic, non-decrypting, digital set top boxes. In addition, GuideBuilder SI, built on the same proven technology, is available to support set top boxes with DVB-SI.

GuideBuilder PSIP/SI

Triveni Digital's GuideBuilder is the industry leader in PSIP generation and management. It is by far the most deployed PSIP server product in the US and the rest of the world. With GuideBuilder's rich feature set and intuitive user interface, it is the clear choice for today's advanced cable companies looking to go all digital. GuideBuilder can emit either ATSC/65 standard or SCTE 65 standard for PSIP information.

Basic Clear QAM Lineups

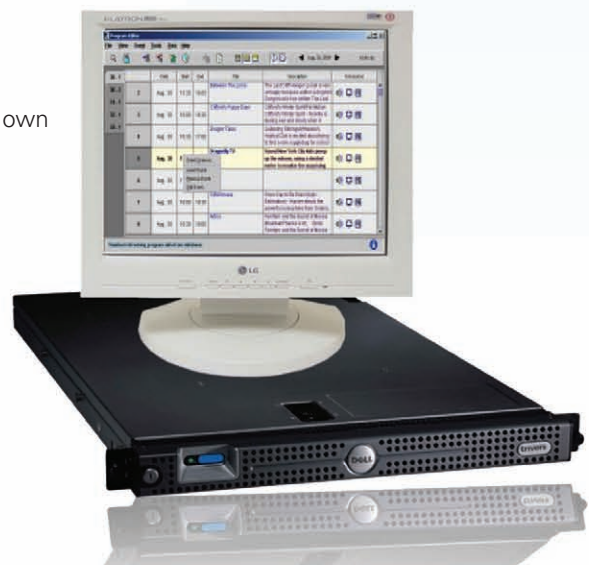
For cable companies trying to make the transition to "all digital" seamless for their customers, GuideBuilder is the way to go. With channel number virtual alignment, channel numbers can be the same for customers with or without a box. GuideBuilder also gives clear QAM customers channel branding, as well as an Extended Program Guide.

Direct MDU applications

Hotels, Dorms, Hospitals and other MDU applications can now have their own targeted digital lineup including channel and guide info.

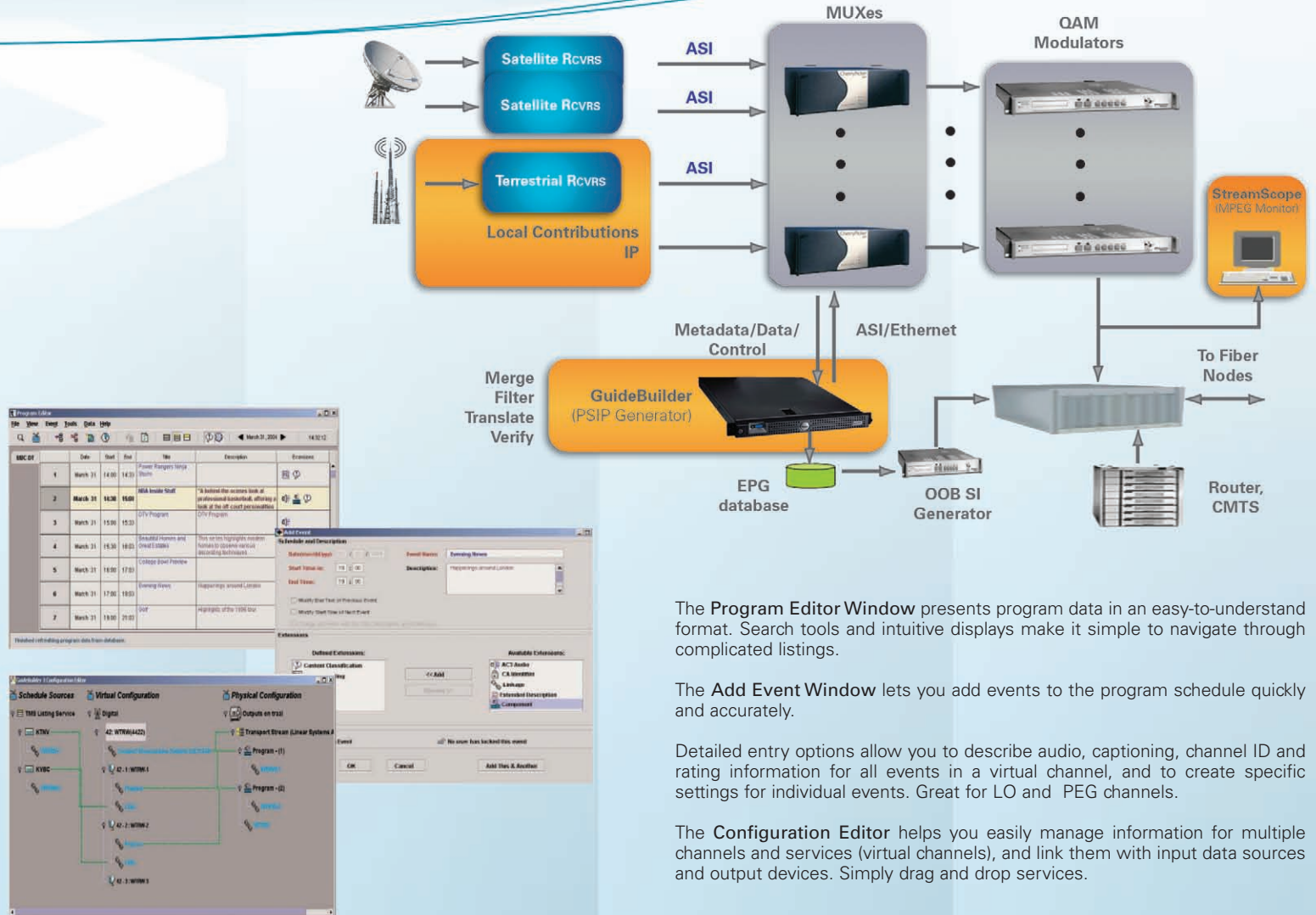


- * Solution from the PSIP market leader
- * PSIP/SCTE-65 Merging, Generation and Management
- * Remapping of virtual channels
- * Table merge and recreation
- * Intuitive user interface eliminates the need for extensive knowledge of PSIP data, simply drag and drop
- * Automatic data ingest is compatible with the widest array of input sources and provides scheduled periodic updates
- * Consistent PSIP and PSI generation prevents errors in the transport stream
- * Open-system development and integration makes GuideBuilder compatible with all popular MPEG-2 encoders and multiplexers
- * Supports high reliability redundant configurations



Easy Integration

GuideBuilder PSIP



The **Program Editor Window** presents program data in an easy-to-understand format. Search tools and intuitive displays make it simple to navigate through complicated listings.

The **Add Event Window** lets you add events to the program schedule quickly and accurately.

Detailed entry options allow you to describe audio, captioning, channel ID and rating information for all events in a virtual channel, and to create specific settings for individual events. Great for LO and PEG channels.

The **Configuration Editor** helps you easily manage information for multiple channels and services (virtual channels), and link them with input data sources and output devices. Simply drag and drop services.

Specifications

GDBR-RE Form Factors:
 1U Rack-mountable chassis
 77.2cm (30.39" – includes bezel and power supply handles) D x 48.24cm (18.99" – includes rack latches) W x 4.26cm (1.68") H

Weight ~1769kg (39lbs)
 Windows OS
 4GB memory
 80GB HDD
 DVD-RW

Environmental

Operating Temperature: 10° to 10° to 35°C (50° to 95°F) with a maximum temperature gradation of 10°C per hour Note: For altitudes above 2950 feet, the maximum operating temperature is de-rated 1°F/550 ft
 Operating Relative Humidity: 20% to 80% (non-condensing)
 Vibration 0.25 G's 0-Peak, 3-200 HZ sweep @ 1/2 Octaves/minute

data communications

2 x RJ-45 10/100 BaseT Ethernet connectors
 Optional DVB ASI card

order information

Basic Cable PSIP generator:
 GDBR-LC-C.....GuideBuilder 1U Low Cost Single Power Server HW - IP Output - up to 200 services
 GDBR-RE-C.....GuideBuilder - Fault Tolerant - 1U Server HW includes Raid Level 1 and Dual Power Supply - IP Output - up to 400 services

Cable PSIP generator with full EPG:
 GDBR-RE-EPG-C.....GuideBuilder - Editing Interface - Fault Tolerant - 1U Server HW includes Raid Level 1 and Dual Power Supply - IP Output

Card Options:

GDBR-OPT-ASI.....ASI output module for GuideBuilder
 GDBR-OPT-MASI.....Multiple ASI output module for GuideBuilder
 GDBR-INTF-LIST..... Listing Interface Module
 GDBR-INTF-ING-A.....PSIP Ingest Interface Module
 ESSP-GDBR ... GuideBuilder Enhanced System Support Plan

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