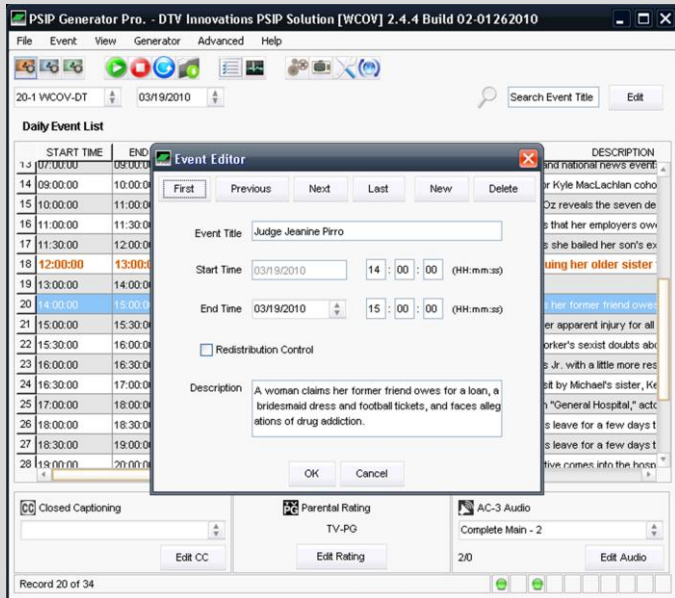




PSIP Pro

Dynamic Electronic Program Guide System



Industry leading PSIP product adopted by U.S. broadcasters

Meets All ATSC PSIP (A/65) standard, recommended practices and the FCC mandates and reports & orders

Seamless integration with major brand Encoders and Multiplexers

Robust interface with program management including listing services, traffic & automation systems

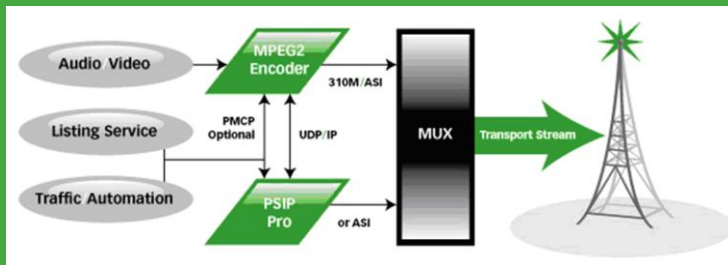
Reliable, Intuitive, Complete, and Cost effective System

Supports flexible configuration from single station to network and corporate central-cast requirements

A COMPLETE PSIP SOLUTION

DTV Innovations' **PSIP Pro** is an accurate, easy to use, feature rich software solution. It contains advanced capabilities and a user-friendly graphic interface at a cost effective, entry-level price. It meets all FCC requirements, and supports ATSC recommended practices. The PSIP Pro is the system of choice by networks, television station engineers and system integrators. PSIP Pro is a stable, reliable system at an affordable price.

PSIP Pro provides a comprehensive list of interfaces to most major brand MPEG-2 encoders and multiplexers.



DTVi's PSIP Pro has an easy-to-use software GUI that allows generation, editing, navigation and searching of program schedules. It includes advanced EPG management functionality such as recurring events, default events, search event gaps, search event overlap and event over-run control. **PSIP Pro** was designed as a robust system while minimizing user input time in setup and administration.

PSIP Pro can output in either DVB-ASI or various IP format including the popular carousel mechanism to the most major brand multiplexers.

PSIP Pro is built on modular design. Therefore it can be easily configured to work with various applications for low power & high power stations, network & affiliates, as well as central-casting.

VISION + INNOVATION



PSIP Pro

Dynamic Electronic Program Guide System

Base Features	EPG Management
Full Dynamic PSIP Generator. Meets FCC Report & Orders and ATSC Recommended Practice (A/65).	Manual Event Editing & Scheduled EPG Imports from Traffic and Listing Services
Generates all PSIP Tables: PAT, PMT, MGT, TVCT, STT, RRT, EIT's, ETT's	Event Overrun/Gap Management, Recurring and Default Background Event
Bandwidth Utilization as low as 50 kbps, up to 300 kbps – Allows additional virtual channels or Mobile Broadcast (M/H)	EPG Export
Support both Terrestrial and Cable PSIP applications	Supports Multiple Ingest Sources, TitanTV, Gracenote, PMCP, Excel, Others
Special Features	Service Information
Output Data Stream Monitoring & Streaming Control	Standard with 3 Virtual Channels, more optional
Multiple Language Support	Closed Caption, AC-3 Audio, and Content Advisory Descriptors
Automatic Restart upon System Reboot	Redistribution Control and Genre support
Instant Notification via Email and Cell Phone Text Messaging	Provides 12 hrs (ATSC minimum) up to 16 days (ATSC maximum) of EPG data (EIT & ETT).
I/O	System Requirements
IP or ASI Transport Stream Output	Operating System: Windows XP/Server/ Windows 7&10
Synchronization with Encoder or Multiplexer	Intel Pentium 4, 2.8 GHz or higher processor 512 MB, 2 GB RAM minimum
Data Carouseling: Imagine Systems, Harmonic Systems, Logic Innovations, RGB Network, Evertz, NTT, T-VIPS, and more	PCI/PCI-X Extension Slot (Optional ASI Board)
Real Time Synchronization with Automation and Program Management Systems	100/1000 Base-T Ethernet Interface
Optional Features	Built in Cost Savings
Central Cast PSIP System utilizing: Carousel push over IP WAN to multiple stations	No Listing Service up charge
ATSC A/76 Program Metadata Communication Protocol (PMCP) import/export of EPG data	Low Bandwidth utilization, enables additional Virtual Channel or M/H in your transport stream
Two Input Mux with PSIP Insertion utilizing the two-input, (PCIM-1300) PCI Multiplexer Card	No Annual License file required. System will not shut down
PSIP Redundancy – Supports full Redundant PSIP System	Hardware is optional – Station can supply



Made in the USA

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