

DTV Innovations vs. Triveni - PSIP Software Feature Comparison

dtv INNOVATIONS	Features	dtv INNOVATIONS	Triveni			Notes
			Lite	Basic	Pro	
PSIP Features	Core PSIP tables	✓	✓	✓	✓	
	Ability to generate PAT and PMT PSI Tables	✓	✓	✓	✓	
	NCTA-CEA PSIP Agreement		✓	✓	✓	
	ATSC PSIP Recommended Practice	✓	✓	✓	✓	
	Full, Dynamic PSIP	✓	✓	✓	✓	
	Transport Stream Bandwidth Utilization	250kbps		1.0 to 1.6 Mbps		
Program Information	MGT/VCT/STT/RRT	✓	✓	✓	✓	
	EIT (Maximum Days of Program Data)	16	16	16	16	
	ETT (Maximum Days of Text Descriptions)	16		✓	✓	
	Program event names	✓	✓	✓	✓	
	Dynamic Captioning, audio ratings and redistribution control descriptors	✓	✓	✓	✓	
	Unlimited Digital services per stream	✓	1	3	Unlimited	Only with Pro Version
	Analog services per stream	1	1	1	1	
	Additional digital and analog services	✓				
Supported Input Interfaces	Manual event editing	✓	✓	✓	✓	
	PSIP Ingest	✓				Optional
	Additional traffic and listing import interfaces	✓				Optional
	Time Code Interface	✓				Optional
	Tribune Media Service Ingest	✓	✓	✓	✓	Additional Fee
	Manual Input Via GUI	✓	✓	✓	✓	
	Multiple Source Input with Merge	In Dev.		✓	✓	
	Scout			✓	✓	Optional - Additional Fee
	Encoda/CJDS	In Dev.		✓	✓	Optional - Additional Fee
	ProTrack	✓		✓	✓	Optional - Additional Fee
	MediaStar	✓				Additional Fee
	Crispin	✓				Additional Fee
	Allegiance	✓				Additional Fee
	ATSC A/76 PMCP (Optional)	✓				
Supported Output Interfaces	ASI, Ethernet, or (RS-422 output N/A)	✓	✓	✓	✓	
	Synchronization with multiplexer or encoder	✓				
	Carousel (Harris NetVx/Flexicoder)	✓				
	Schedule Export (HTML and XML)	✓				
	ATSC A/76 PMCP (Optional)	✓				
Laanguages	English (Standard)	✓	✓	✓	✓	
	Korean (Optional)	✓	✓	✓	✓	Optional
	Spanish	✓				
Special Features	Modular Architecture	✓	✓	✓	✓	
	Unlimited Virtual Channels Supported	✓	"1+"	"3+"	✓	Additional Fee per Channel
	Multiple Transport Streams	✓			✓	
	Rate - Based Buffer Management	✓	✓	✓	✓	
	Time Code Support	✓	✓	✓	✓	Optional
	AC-3 Audio Stream Descriptor	✓	✓	✓	✓	
	Caption Service Descriptor	✓	✓	✓	✓	
	Redistribution Control Descriptor	✓	✓	✓	✓	
	Content Advisory Descriptor	✓	✓	✓	✓	
	Inactive Channel/Hide Guide Support	✓	✓	✓	✓	
	Event Overrun Functions	✓	✓	✓	✓	
	Recurring Events	✓	✓	✓	✓	
	Background Events	✓	✓	✓	✓	
	Auto-Restart	✓				
	XML Ingest / Export (including PMCP)	✓				
	Daylight Savings Support	✓	✓	✓	✓	Additional Fee
Web Interface - Remote Server (Optional)	✓					