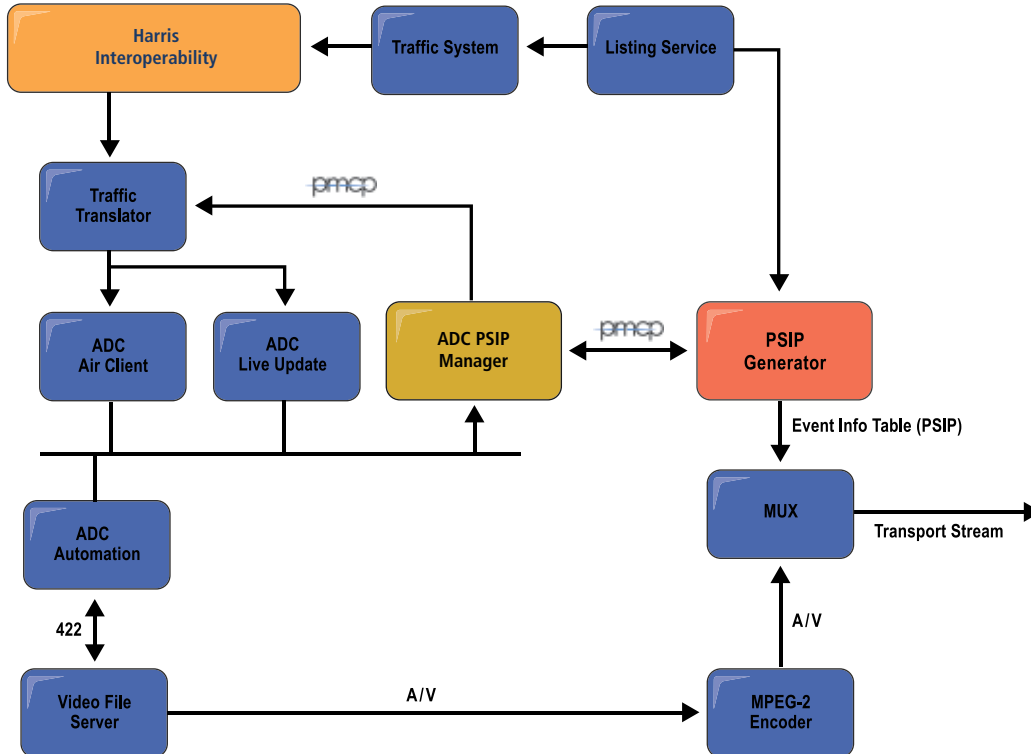


ADC[™] Automation

PSIP Manager[™]



The Program and System Information Protocol (PSIP) is the glue that holds digital television signals together. An optional client feature of the Harris[®] ADC[™] playout automation system, ADC PSIP Manager[™] enables the automatic tracking and forwarding of PSIP information — eliminating manual tracking operation or intervention.



ADC PSIP Manager Workflow

#	Start Time	Duration	Name	Description	Rating	Dimension	Lng	EPG Title	Event Title
3	18:00:15.00	00:41:4.00	The Wire	First season episode #1	NR	General	eng	EPG #1	The Wire
77	19:00:15.00	00:40:55.04	The Sopranos	Tony Soprano (James Gandolfini) has be...	TV-MA	Adult	eng	EPG #2	The Sopranos
151	20:00:15.00	00:40:14.04	National Geographic	Why is life on Earth inequitable? After jo...	TV-Y	General	eng	EPG #3	National Geographic
225	21:00:15.00	00:43:13.06	24	Elite counterterrorism agent Jack Bauer...	TV-14	General	eng	EPG #4	24
299	22:00:15.00	00:49:16.06	Life of Birds	Presented by world-renowned naturalis...	TV-Y	General	eng	EPG #5	Life of Birds
323	23:00:15.00	00:40:14.04	MASH	Seventeen-10 episode #1	NR	Adult	eng	EPG #6	MASH
447	00:00:15.00	00:43:13.06	NASCAR	The IMAX Experience	PG	General	eng	EPG #7	NASCAR
521	01:00:15.00	00:49:46.06	MOVIE	Friday Night Lights	PG-13	General	eng	EPG #8	MOVIE
585	02:00:15.00	00:41:44.00	SPORTS: PGA	2007 PGA Championship	PG	General	eng	EPG #9	SPORTS: PGA
649	03:00:15.00	00:40:55.04	World News	Live from DC	TV-Y	General	eng	EPG #10	World News
742	04:00:15.00	00:40:14.04	All Day Fitness	From International Sports Center	TV-Y	General	eng	EPG #11	All Day Fitness
817	05:00:15.00	00:43:13.06	Live: National News	Live from SAT#1	TV-Y	General	eng	EPG #12	Live: National News
891	06:00:15.00	00:49:46.06	For Early Bird	Morning Special	TV-Y	General	eng	EPG #13	For Early Bird
965	07:00:15.00	00:40:14.04	Good Morning USA	Live show	TV-Y	General	eng	EPG #14	Good Morning USA
1039	08:00:15.00	00:43:13.06	WINGS OVER THE W	Today's weather cast in detail	TV-Y	General	eng	EPG #15	WINGS OVER THE W
1113	09:00:15.00	00:49:46.06	WINGS OF THE RED	What's going on in the city	TV-Y	General	eng	EPG #16	WINGS OF THE RED
1187	10:00:15.00	00:41:44.00	CENTURY OF FLIGHT	Science History for the week	TV-Y	General	eng	EPG #17	CENTURY OF FLIGHT
1261	11:00:15.00	00:40:55.04	BIRDS OF A FEATH	This award-winning documentary follow...	TV-Y	General	eng	EPG #18	BIRDS OF A FEATH
1335	12:00:15.00	00:40:14.04	FIREPOWER DIGITA	Why is life on Earth inequitable? After jo...	TV-Y	General	eng	EPG #19	FIREPOWER DIGITA
1409	13:00:15.00	00:43:13.06	WINGS OVER THE W	Fox television's hit hospital drama stars...	TV-Y	General	eng	EPG #20	WINGS OVER THE W
1483	14:00:15.00	00:49:46.06	WINGS OF THE RED	A small-town high school football coach...	TV-Y	General	eng	EPG #21	WINGS OF THE RED
1557	15:00:15.00	00:40:14.04	FIREPOWER DIGITA	Monsters under the bed are bad enough...	TV-Y	General	eng	EPG #22	FIREPOWER DIGITA
1631	16:00:15.00	00:43:13.06	WINGS OVER THE W	Tech Talk: Wireless networking getting...	TV-Y	General	eng	EPG #23	WINGS OVER THE W
1705	17:00:15.00	00:49:46.06	WINGS OF THE RED	Former Playboy Playmate Anna Nicole S...	TV-Y	General	eng	EPG #24	WINGS OF THE RED

PSIP data viewed in PSIP Manager

ADC PSIP Manager provides PSIP information for multiple playout channels simultaneously, using the industry-standard Programming Metadata Communication Protocol (PMCP). The application can deliver PSIP information to the PSIP generator in two ways: It can push the data to the PSIP generator across a TCP/IP network, or it can deliver the data to a file from which the PSIP generator can pull the information as required. ADC PSIP Manager monitors on-air schedules for changes and creates a PMCP-compatible file when changes occur. This file is then transferred to the PSIP generator through the configured process.

Key Features:

- Provides PSIP generators with Electronic Programming Guide (EPG) information integrated with ADC PSIP Manager playlists
- Guarantees frame-accurate EPG event schedules
- Reflects start-time changes following a live event immediately after the event ends
- Synchronizes EPG events with last-minute changes
- Manages multiple channels across multiple Harris Device Controllers

- Provides EPG information for future events that may be loaded into playlists
- Monitors PSIP generator by polling its status

Broadcasters airing live programming with varying end times require their automation system to notify their PSIP generator of changes to start times of upcoming PSIP events. An automated PMCP interface offers value to the automation process by providing accurate start times for each upcoming PSIP event. Automation also requires the ability to notify the PSIP generator of programming changes that occur close to air, including deletion of program events and replacement of existing program events with new ones.

ADC PSIP Manager can be installed and operated from a dedicated Microsoft Windows® XP workstation or from the same workstation on which ADC Air Client™ or Media Client™ resides.

For more information, please visit www.broadcast.harris.com/adc.

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