



Transport Stream Processing



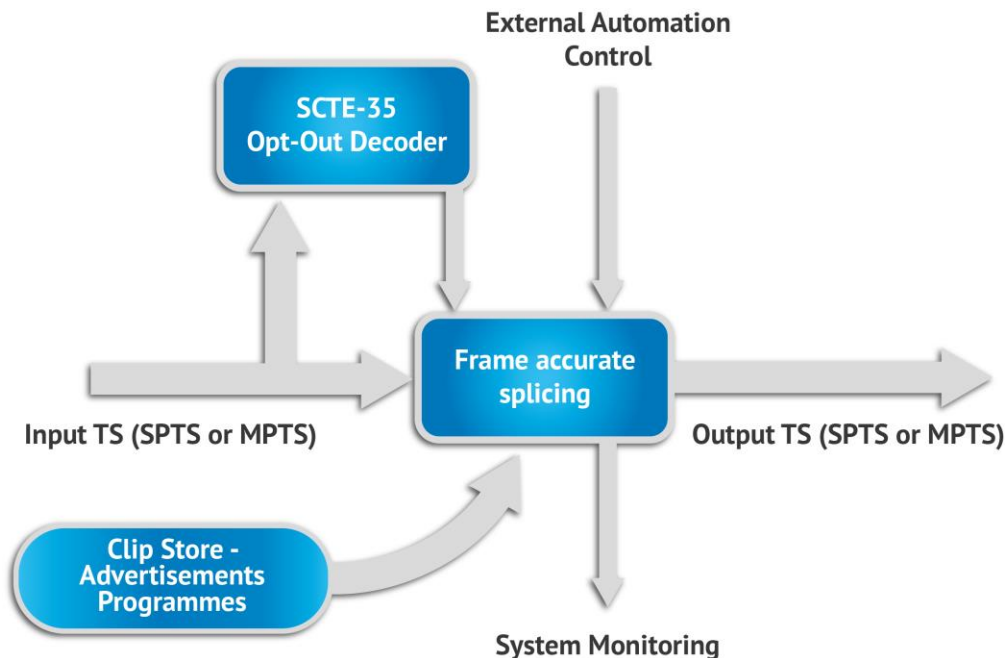
TS Splicer

Ad Server and Media Splicing System

The TS Splicer is the next generation of encoded media splicing technology and offers a number of benefits over previous splicing products, including a significantly reduced propagation delay. It is a software based solution running on generic enterprise hardware and supports a large number of channels per server.

TS Splicer combines the functionality of integrated Ad server, SCTE 35 opt-out signal decoding and transport stream splicing to offer a complete media replacement system for Ad insertion or content blocking applications. It can operate in GOP boundary or frame accurate modes, without traditional full stream decoding and re-encoding.

It is offered as a fully configured system running on HP server hardware, or as a software only licence. It has applications in traditional broadcast, IPTV and OTT systems.



Key features

- Simultaneous splicing of multiple HD or SD video services on a single server
- Frame accurate or GOP boundary splicing modes
- Preserves quality of video input signals
- Minimal propagation delay
- Supports MPEG 2, H264 and HEVC/H265 encoded media
- Hypothetical Reference Decoder (HRD) signals are maintained
- Audio splicing of AAC, AC-3 and MPEG-1 Layer II streams
- Graphics include logo, animated logo and text crawls
- Integrated decoding of SCTE 35 Cue triggers
- Can splice the entire Transport Stream, or just a selection of elementary streams
- Supports multiple playlist formats including CCMS
- IP or ASI inputs and outputs - SPTS or MPTS. ASI is supported via an additional hardware card installed in the server
- Input can utilize source-specific-multicast signals from routed networks implementing IGMPv3
- Operates in full failover redundancy configuration
- User friendly GUI for system set-up and configuration
- Sophisticated monitoring and reporting of stream status – via IIS
- SNMP monitoring and alert signaling

Hardware requirements



Runs on generic enterprise grade server hardware. Minimum hardware specification: Intel Xeon E5-2400 Family, 4 core processor - or better, 12GB RAM.

Operating System - Microsoft Server 2016

Associated products

The TS Splicer is one of a family of transport stream processing products available from Starfish Technologies Ltd. Please see www.starfish.tv for more details.

All specifications and minimum requirements are subject to change without prior notice. Please check before purchase.