



# Transport Stream Processing



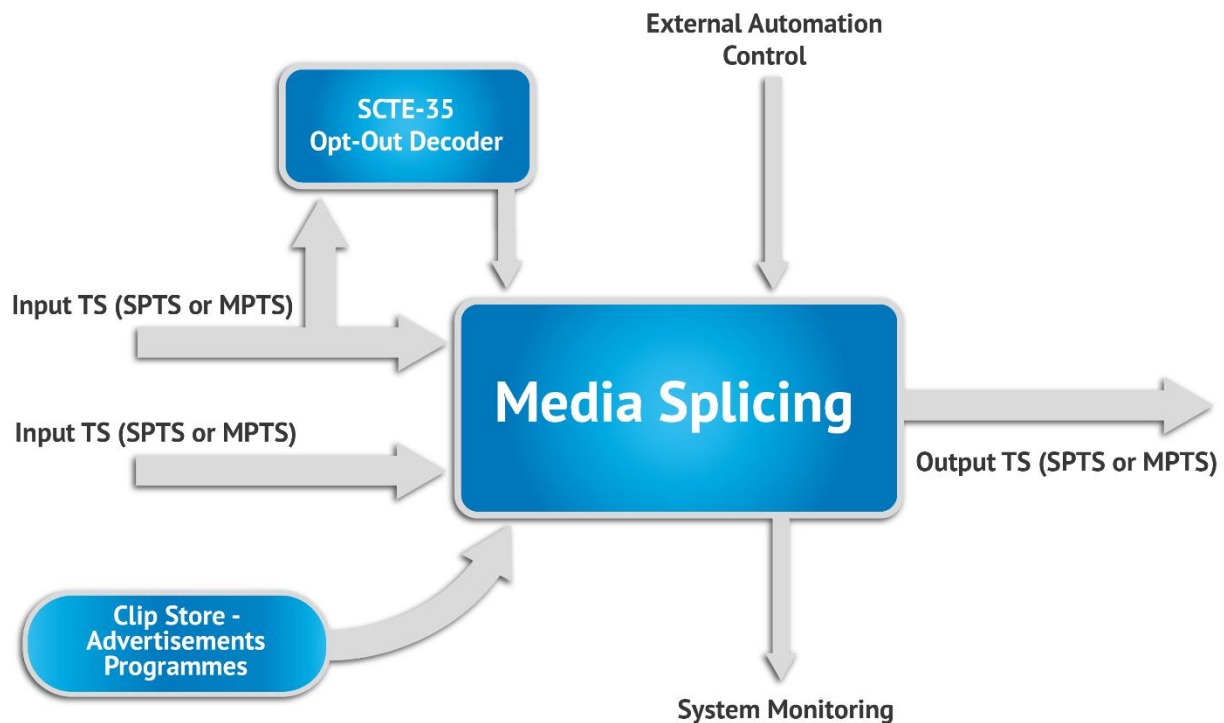
## TS Splicer

Ad Server and Media Splicing System

The TS Splicer is the next generation of encoded media splicing technology. It offers a number of benefits over previous splicing products, including a significantly reduced propagation delay. TS Splicer is a software-based solution that runs on generic enterprise grade server hardware and can be configured to support a large number of independent processing channels per server.

TS Splicer combines the functionality of an integrated Ad server, SCTE 35 opt-out signal decoding, input stream switching 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

- Integrated Ad server
- Input stream switching
- Frame accurate or GOP boundary splicing modes
- Minimal propagation delay
- Preserves the quality of video input signals by sophisticated signal processing
- Supports MPEG 2, H264 and HEVC/H265 encoded media
- 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
- Hypothetical Reference Decoder (HRD) signals are maintained
- Supports a wide range of playlist formats
- IP or ASI inputs and outputs - SPTS or MPTS. ASI is supported via an additional hardware card installed in the server.
- Input can utilise 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 signalling

## 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 or later.

## Associated products

The TS Splicer is part of a family of transport stream processing products available from Starfish Technologies Ltd. Please see [www.starfish.tv](http://www.starfish.tv) for more details.

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