

## THE NEXT GENERATION OF **ENCODED MEDIA SPLICING TECHNOLOGY**

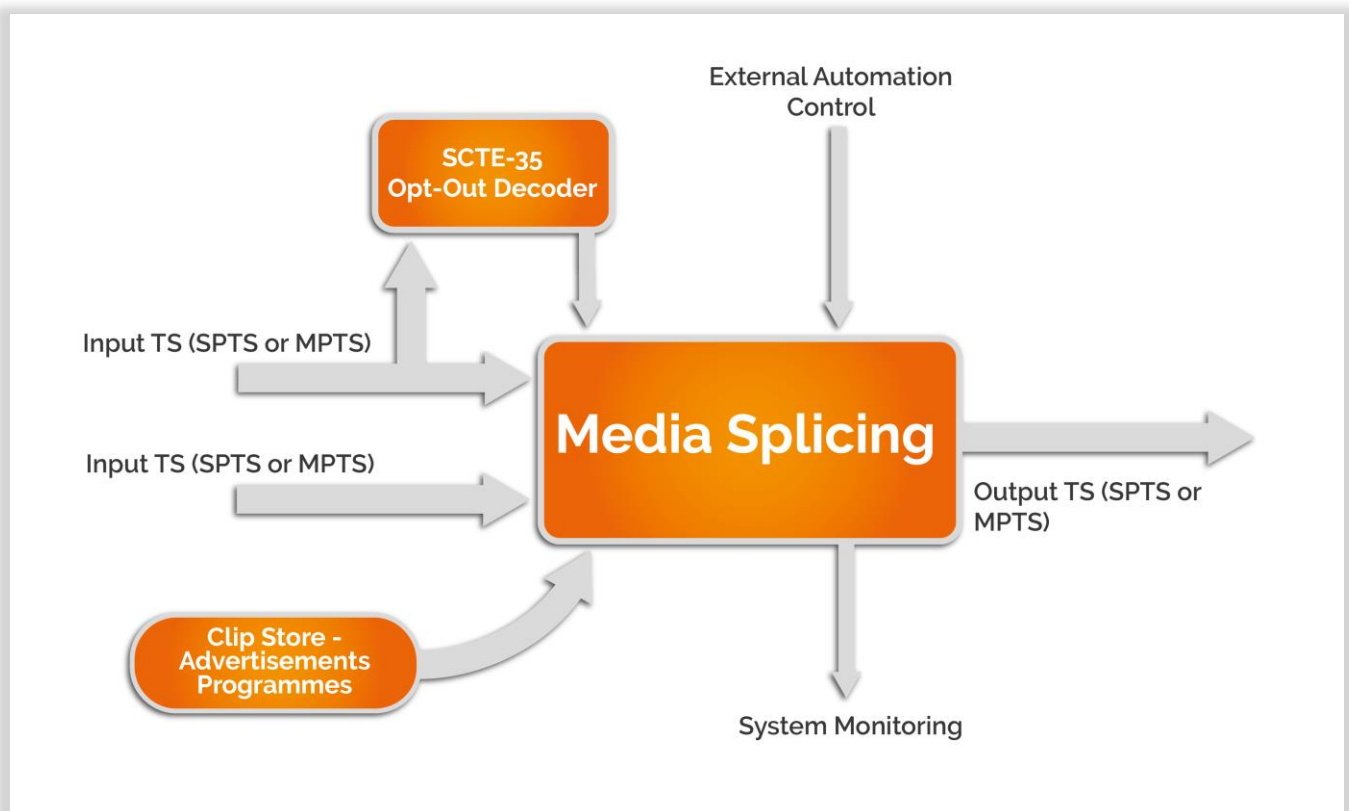
It offers a range of benefits over any previous splicing product, including a significantly reduced propagation delay.

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 has applications in traditional broadcast, IPTV and OTT systems.

The techniques employed within TS Splicer are covered by international patents granted to Starfish Technologies Limited.



## KEY FEATURES

- Integrated Ad server
- Input stream switching
- Inputs support SMPTE 2022-7, providing seamless input protection of redundant source signals
- 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
- The Ad server 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

## 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 2019, or Debian GNU/Linux.

## ASSOCIATED PRODUCTS

The TS Splicer is part of a family of transport stream processing products available from Starfish Technologies Ltd. Together, these

products can be configured to create complete Ad insertion and programme replacement systems.

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