

ENCODED MEDIA CONTROL SIGNAL PROCESSING

Software based modification of encoded media control signals

The TS Signal Processor is a software solution to adding or modifying control signals in an encoded media stream.

Typical applications include adding SCTE35 ad break commands, modifying existing ad break commands, adding anti skip control signals and parental control content markers.

The timing of when these new signals are inserted into the media stream can be controlled via traditional broadcast automation systems, the Starfish API, or a customised control protocol to simplify integration with an existing workflow control system.

Multiple fully independent channels can be installed on the same generic enterprise grade server.

KEY FEATURES

- Preserves the quality of video input signals by sophisticated signal processing
- Supports MPEG 2, H264 and HEVC/H265 encoded media
- Input stream switching
- Inputs support SMPTE 2022-7, providing seamless input protection of redundant source signals
- 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 a 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 routed networks implementing IGMPv3

TS Signal Processor

Control Signal Processing System



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.

The application is protected by means of a hardware security dongle and systems can be upgraded to add additional channels simply by licence updates.

ASSOCIATED PRODUCTS

The TS Signal Processor is part of a family of transport stream processing products available from Starfish Technologies Ltd.

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