

THE NEXT GENERATION OF ENCODED MEDIA SWITCHING TECHNOLOGY

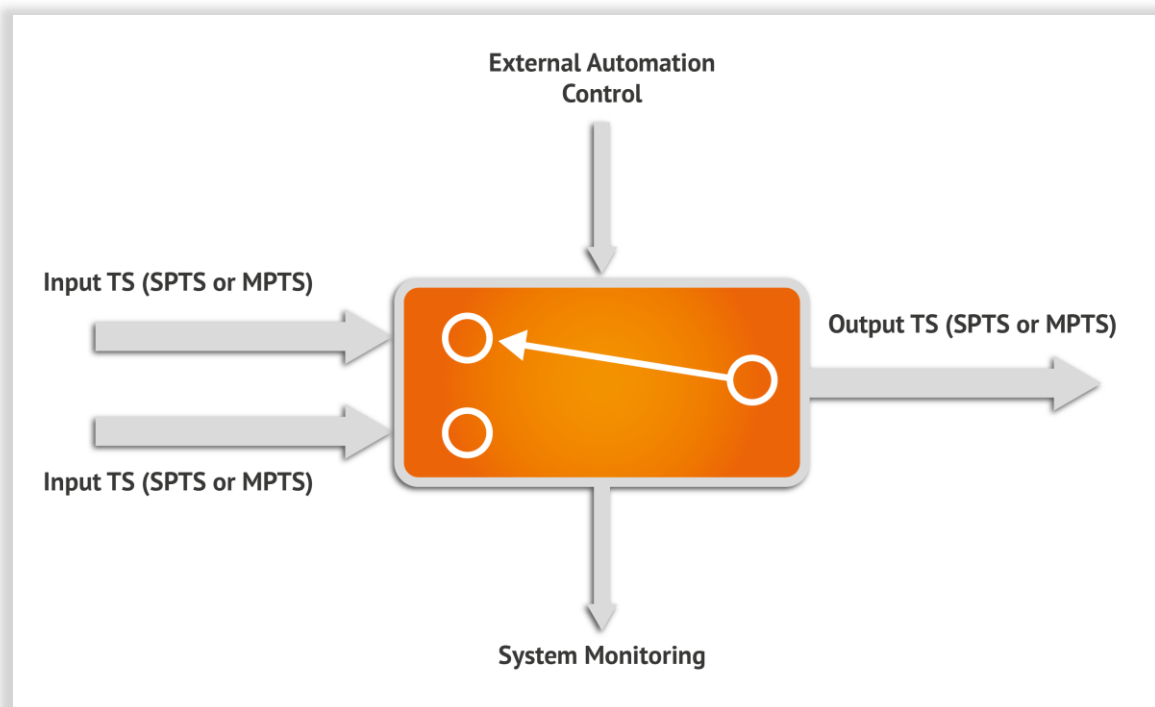
Sophisticated software based encoded media stream switching

The TS Switch provides switching of encoded media streams based on signal fail detection or controlled via external automation commands. Manual override is also available via the web-based monitoring and control GUI.

It is a software-based solution running on generic enterprise hardware. Multiple switches can be implemented in the same server, thereby offering flexibility, and saving significant rack space.

Inputs can be the same signal from alternative sources (used for redundancy switching) or entirely different signals in applications that require an input source selection. In both applications, TS Switch provides sophisticated switching by adjustment of PCR and PTS/DTS so that downstream decoders do not detect discontinuities.

It has applications in traditional broadcast, IPTV and OTT systems.



KEY FEATURES

- Switching of up to four transport stream input signals
- 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
- Minimal propagation delay
- Supports MPEG-2, H264 and HEVC/H265 encoded media
- Audio switching includes AAC, AC-3 and MPEG-1 Layer II streams
- User friendly GUI for manual override and system configuration
- Sophisticated monitoring and reporting of stream status - via IIS
- SNMP monitoring and alert signalling
- Power fail bypass of primary input available when using ASI
- Optional Forward Error Correction

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.

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 Switch 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.