



TS Switcher

Transport Stream Switching System

The TS Switcher is a software based solution running on generic enterprise hardware.

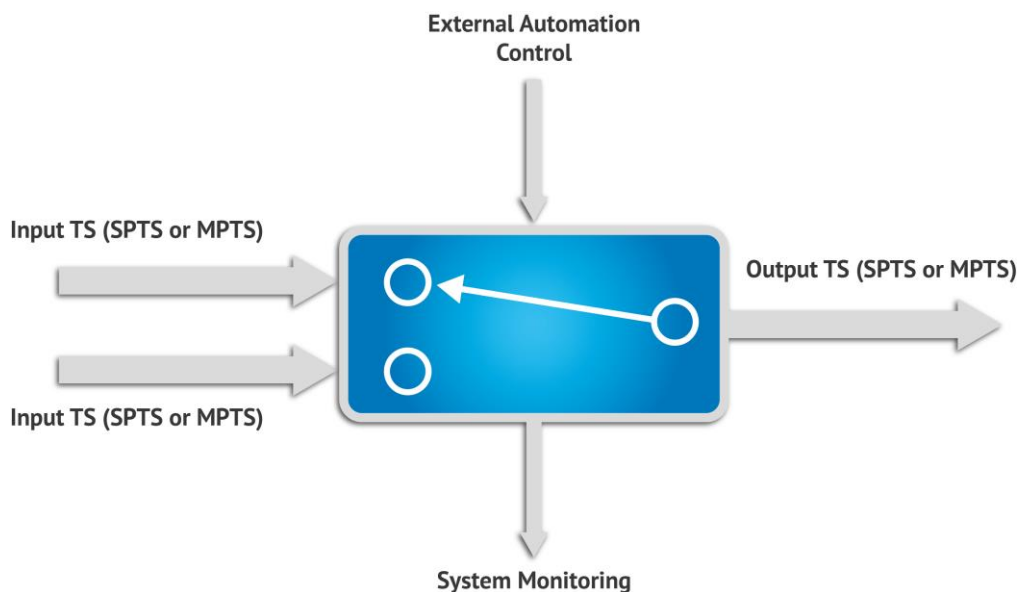
It provides automated switching of input signals based on signal fail detection, or it can be controlled via external automation commands. Manual override is also available via the web based GUI.

Multiple switches can be incorporated in the same server hardware thereby 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 Switcher provides sophisticated switching by adjustment of PCR and PTS/DTS so that downstream decoders do not detect discontinuities.

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

- Seamless switching of two input 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, 6GB RAM.

Operating System - Microsoft Server 2012 R2

Associated products

The TS Switcher 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.