



V-Transcode

Transport Stream file transcoding

A software application for Transcoding broadcast MPEG2 encoded transport stream files to H264 encoded transport stream files - whilst maintaining closed captioning, Teletext and up to 6 channels of audio.

Key features

- Runs as a fully automated service
- Input files are processed automatically when they arrive in a watch folder - separate watch folders for SD and HD file inputs
- Transcoded files are placed in the output folder
- Input files that have been processed are moved to a processed file folder
- Rejected input files are moved to a rejected folder
- User configurable encoding parameters – if these are not achievable when processing the current input file, then the transcoder will automatically adjust to the highest achievable rates
- Configuration parameters are defined via an XML file import:
 - Target output file bit rate – separate parameters for SD and HD file inputs
 - Target video bit rate – separate parameters for SD and HD files
- Closed Captioning and Teletext are passed without modification and multiplexed back into the transport stream output file
- Up to 6 channels of audio are passed without modification and multiplexed back into the transport stream output file

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 Server 2012 R2

Licensing

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

System Integration

Multiple decoders can be configured to run in an automated failover configuration. Starfish can also offer a web based system monitoring application for remote system management and diagnostics.

Associated products

The V-Transcoder is one of a family of media transcoding products available from Starfish Technologies Ltd. Together these products can be configured to create a complete workflow system. Please see www.starfish.tv for more details.

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