

ENCODED TRANSPORT STREAM FILE TRANSCODING

An open platform software application for transcoding transport stream files

V-Transcode is 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.

It is a software-based solution that runs on generic enterprise grade server hardware.

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 bit 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
- Operates in full failover redundancy configuration
- User friendly GUI for system set-up and configuration

V-Transcode

Transcoding 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 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 V-Transcoder is one of a family of media transcoding products available from Starfish Technologies Ltd.

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