

TransCast DVB

DVB subtitle transmission system

TransCast DVB is a software based system for transmission management of DVB subtitles. It offers manually controlled, or fully automated, subtitle transmission.

TransCast DVB is ideally suited to both large and small broadcasters and transmission centres.

Inseter connection status indicators

Offset (if any) applied between file timecode and TX input timecode reader value

Subtitle list, showing files available for transmission.

Current timecode from TX video feed TC reader

Status of subtitle transmission

Progress bar showing proportion of file elapsed

Channel selection panel showing 4 channels for ATOM connected via TCP/IP. Click to view each channel individually.

Non-Starfish inserters show Channel 1 only

Source folder for subtitles displayed in the list above

Subtitle run controls

File Name	Date Created
Captain Scarlet EP12.stl	06/09/2001 18:04:46
Captain Zeelig.stl	30/04/1996 17:44:44
Charlots of Wire.stl	29/11/1994 12:41:04
home and away ep2345.stl	08/11/2001 15:34:52
opera house.stl	11/09/2001 12:21:00
Sound of Music.stl	23/06/2005 14:33:48

System Status:

- Main
- Minor

TimeCode: 10:02:54.19

Offset: 00:00:00.00

Title: ON AIR

Channel 1 Channel 2 Channel 3 Channel 4

Working Folder: D:\subtitles

Starfish TCP/IP D:\subtitles\opera house.stl

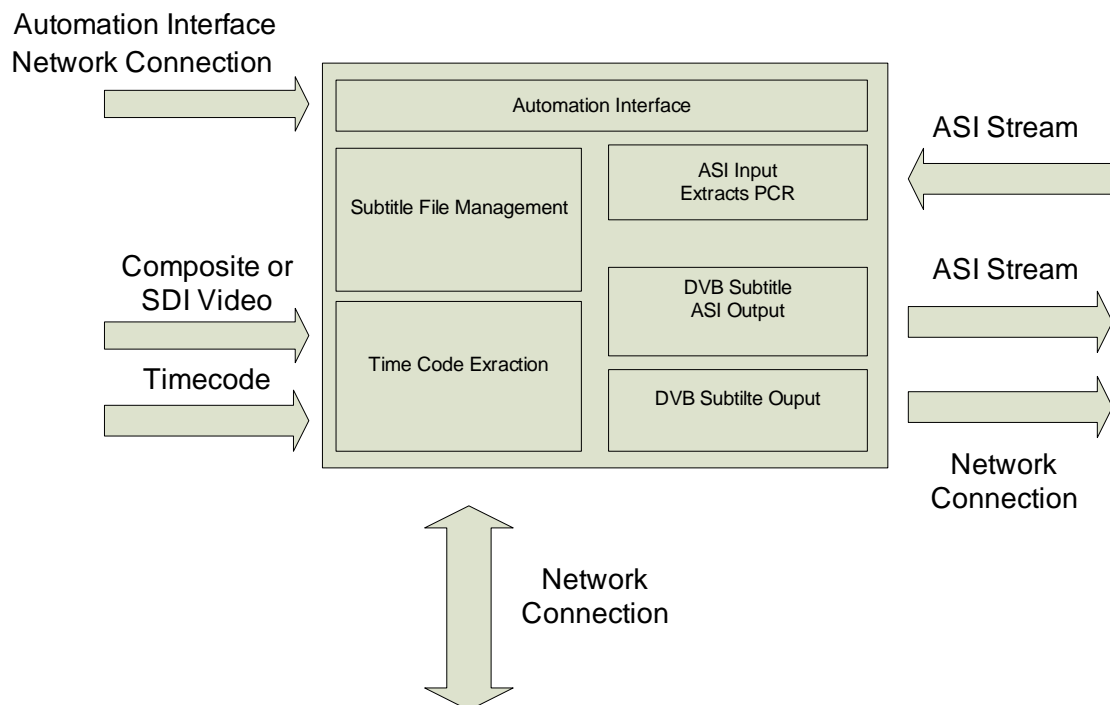
Run Pause Finish

Key Features

- Can be configured as a single channel or dual channel system
- Subtitles can be inserted as Bit Map images or raw text data (e.g. ASCII string)
- Multi-language option – supports up to 6 languages
- Continuous monitoring during subtitle transmission provides an instant alert in the event of a transmission failure

- Manual timecode offsets can be applied to overcome discrepancy between subtitle file timecode and transmission timecode
- Automatic integrity checking of imported subtitle files
- Allows a specific subtitle file to be loaded for transmission and cued ready for playout against timecode
- Supports automation via our custom interface API, facilitating complete hands-free loading and cueing of subtitles files for transmission
- Build in timecode regenerator
- Timecode can be read from a dedicated timecode input, extracted from an SDI input (SD or HD video) or read from a network connection
- Option of ASI or UDP output

Architecture



PC requirements

Operating system - Microsoft Windows 7 or Windows 2008 R2 server.

The PC hardware should have the following minimum specification: 3 GHz Pentium class processor, 1GB RAM and Windows Media player 9 or above

Licensing

The application is protected by means of a hardware security dongle. In multiple system networked environments, a central server licensing model is used to distribute licences as required.

Associated products

TransCast DVB is one of a family of Closed Caption and Subtitling products available from Starfish Technologies Ltd. Together these products can be configured to create complete workflow solutions. Please see www.starfish.tv for more details

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