



## Advantage De-Compiler

Creates an ESEF file from a DTT audio input

Advantage De-Compiler is a software application that processes DTT audio from a real-time source, such as a DAT tape, and produces an ESEF file and the corresponding set of WAV files.

The DTT audio input is a stereo pair with mono AD on the left channel and the control track on the right. The control track is decoded to extract Pan and Fade information for the ESEF output file; however the original script cannot be recreated.

This application is used with an appropriate input audio card.

### Key features

- User friendly GUI
- Creates an ESEF file with timecode, Pan and Fade information and AD WAV files.
- Used with a suitable audio input and timecode reader card - check with Starfish for recommended cards

### 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 installed.

### 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

Advantage De-Compiler is one of a family of Audio Description products available from Starfish Technologies Ltd. Together these products can be configured to create complete AD workflow solutions. Please see [www.starfish.tv](http://www.starfish.tv) for more details.

## ESEF Files

ESEF is a widely used broadcast standard interchange file format for Audio Description, and is the required source file format for the Advantage Compiler products.

An ESEF file sets consist of an .esf file and a set of individual WAV files associated with each description.

The .esf file contains - script data for each description, in-time and out-time timecodes of each description, the filename of the WAV file for each associated description - not the actual audio recording itself, the fade duration, fade depth and stereo pan data for each description

The recommended fade depths for broadcast use are: 1/3 dB, 3 dB, 6 dB, 9 dB, 12 dB, 15 dB, 18 dB, 21 dB, "Maximum" i.e. no programme sound audible at all.

The recommended fade durations for broadcast use are: 0 frames, 3 frames, 10 frames, 25 frames.

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