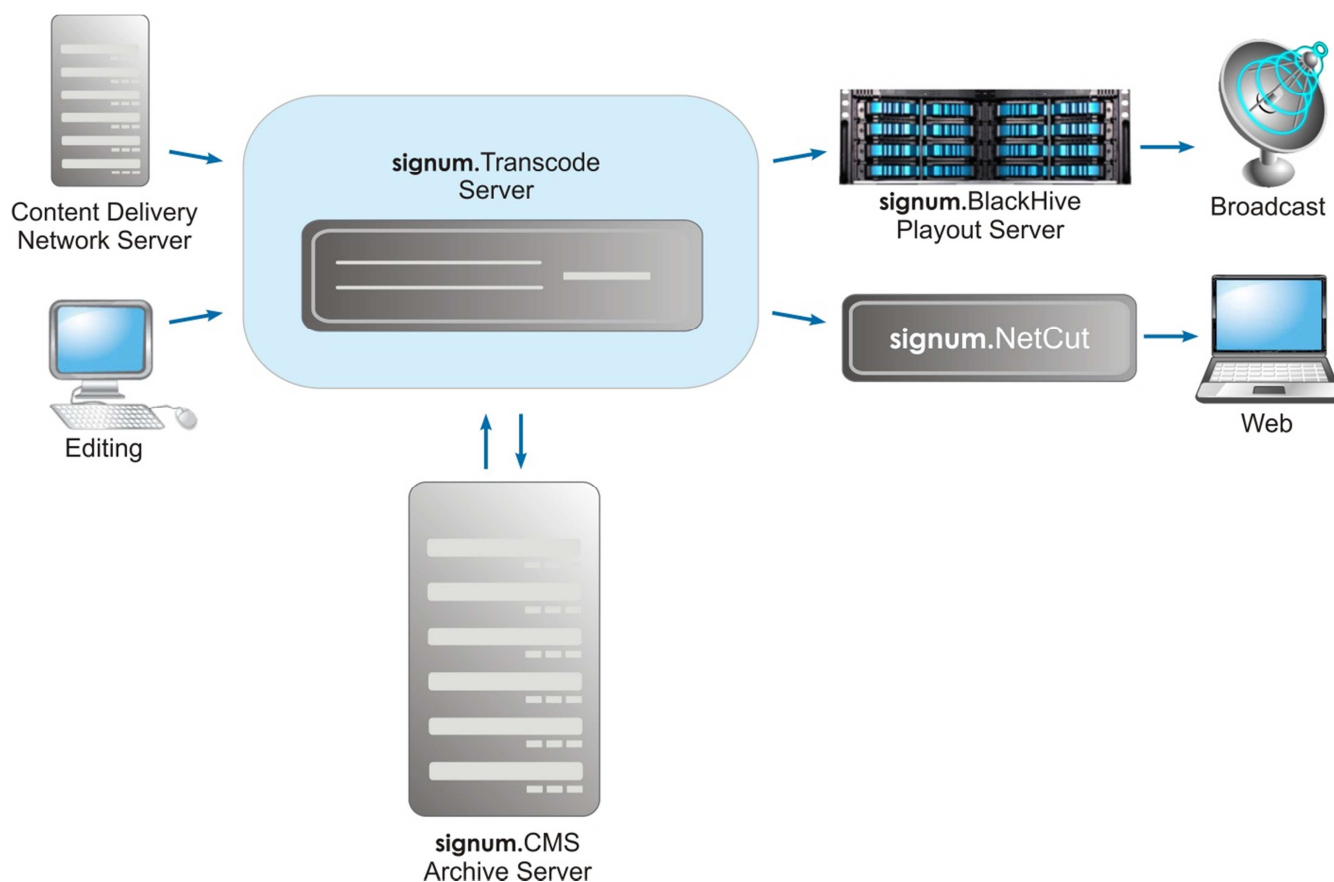


signum.Transcode

Real-Time and Offline Transcoding System

signum.Transcode is a powerful and flexible transcoding solution to convert videos into over 400 different formats. There are many different options available ranging from a full web-based solution to application specific real-time solutions integrated as a module within a solution such as **signum.CMS**. Transcoding is enabled from SD 4:3 to HD 1080p compressed and uncompressed. Depending on the use of the material the conversion can be lossless or

lossy. Because of its large experience with video analysis Signum is providing uncompressed videos, which may be compressed with a lossless algorithm. Transcoding as an encoding function from one digital format to another digital format is usually required, if e.g. the target device does not provide sufficient capacity, or a specific format is not supported by the target device.



FEATURES

Container Formats (selection)

- ◆ avi
- ◆ mov
- ◆ mxf
- ◆ DivX
- ◆ Flash
- ◆ VOB (for DVD)

Codecs (selection)

- ◆ H264 (MPEG-4 AVC)
- ◆ MPEG-1
- ◆ MPEG-2
- ◆ MPEG-4
- ◆ DV
 - DVCPRO50
 - DVCPRO100
- ◆ Audio
 - WAV
 - MP3

Processing:

- ◆ Logo Insertion
- ◆ Watermarking
- ◆ Metadata Management
- ◆ Cropping
- ◆ Upscale/downscale
- ◆ Fading Effects
- ◆ Blur
- ◆ Gamma Correction
- ◆ Median
- ◆ Rotate
- ◆ Sharpen
- ◆ TimeCode Imprint
- ◆ Subtitle and CC Imprint
- ◆ Multiformat conversion
- ◆ YCbCr, RGB

SPECIFICATIONS

Hardware:

- ◆ Any standard PC or
- ◆ Scalable Server
- ◆ RAID0, 1, 2, 5, 6

Software:

- ◆ Server Operating Systems
 - Windows Server 2003, 2008 or newer (32 and 64bit)
 - Windows 7, Windows 8
- ◆ User Administration
- ◆ Standard Web-browser (Mozilla Firefox, Internet Explorer)
- ◆ Multiuser/Multitask transcoding