

VEGA AVSync

The AV Sync Analysis and Debug Tool

Vega AVSync Advantages

- Uniquely focused to analyze and debug audio-video sync issues
- Based on the comprehensive debug platform of industry leading Vega family of Analyzers

Vega AVSync Features

- Detailed insight into sync points: Packet number, frame number, PTS value, and more
- Manual/Automatic detection of sync points
- Channel-wise summary information: Audio/video index, sync points, out-of-sync points, PTS, and PTS Diffs
- Quick forward and backward navigation across the PTS timeline
- Support for rich set of AVSync test patterns used for line-up
- Coarse Sync measurements using Packet Sync feature
- Customization options for tolerance levels and more
- Integrated media player
- Messages in XML format for ease of distribution
- Facility to store analyzed data for future reference

Vega AVSync Standard Support

- System File: MPEG-2 Transport
- Video: H.264, MPEG-4, and MPEG-2
- Audio: AAC, AC3, E-AC3 (Dolby Digital Plus), Dolby-E, AES-3/LPCM, MPEG-1/ MPEG-2 Audio, and MP3

One of the challenges of a digital video system is to deliver content such that the audio and video streams are encoded, decoded, and presented in sync to ensure perfect viewer experience. Precise audio-video synchronization is a critical performance parameter for any MPEG-2 system that packs together audio and video streams.

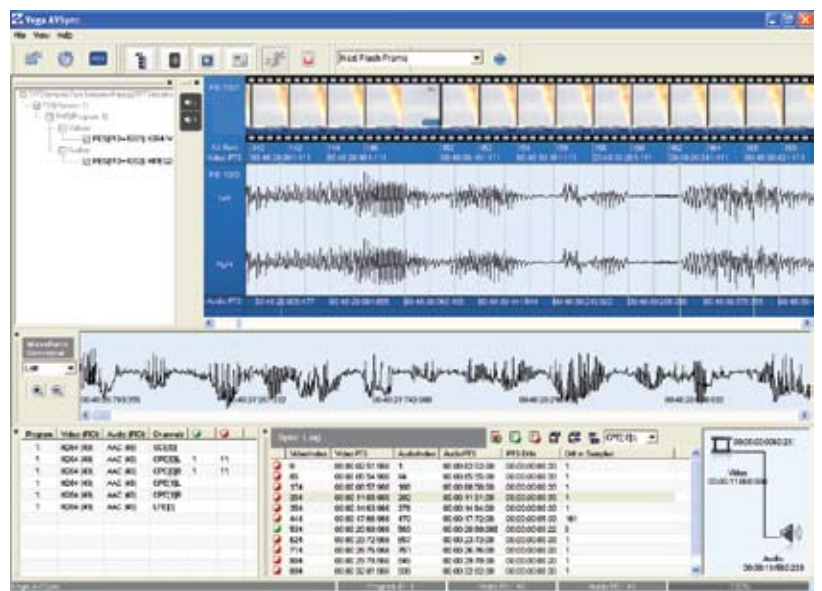
Media professionals working on technologies, such as encoders, decoders, multiplexers, demultiplexers, need to test and debug audio-video sync points to make sure that presentation timestamps are assigned accurately.

Fulfilling this need, Interra's Vega AVSync is a comprehensive, offline analysis and debugging tool that assists development of applications and technologies that need to combine audio and video in MPEG Systems.

Vega AVSync enables media professionals to perform synchronization measurements and identify all out-of- sync points in the content. For each sync point, media professionals can examine information, such as packet number, frame number, PTS value, and more. Vega AVSync's judicious use of graphics to present results makes debugging intuitive and precise.

Vega AVSync is based on the debug platform of industry-leading Vega Analyzers. With this, Vega AVSync users can launch standards compliance of System or Elementary streams at a click to further enhance debugging!

Backed by production-proven expertise and superior support of Interra, Vega AVSync is the perfect debug tool to develop technologies in MPEG Systems.



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