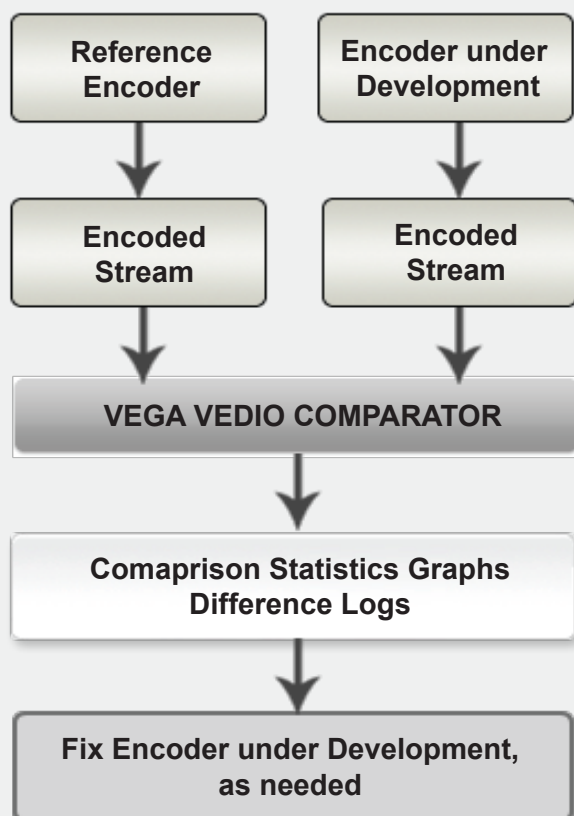


Feature Advantages

- Accelerates Algorithm Analysis and Encoding Efficiency
- Provides statistical information at different levels such as, picture, sequence and stream Generates difference log specifying the location of the parameter that has a difference, name of the parameter, and reference and comparison values
- Provides a graphical representation of the statistical information as bar and pie charts
- Comes with a user friendly and menu-driven interface that can be customized
- Created by audio/video experts who brought the Vega Analyzers, adopted as defacto standards compliance tool by brand names across the world

Video Comparator Assisted Encoder Debugging



Formats Supported:

- H.264 (ISO/IEC 14496-10)

Runs on Windows 2000, XP
(2-3 GHz CPU and 1GB RAM)

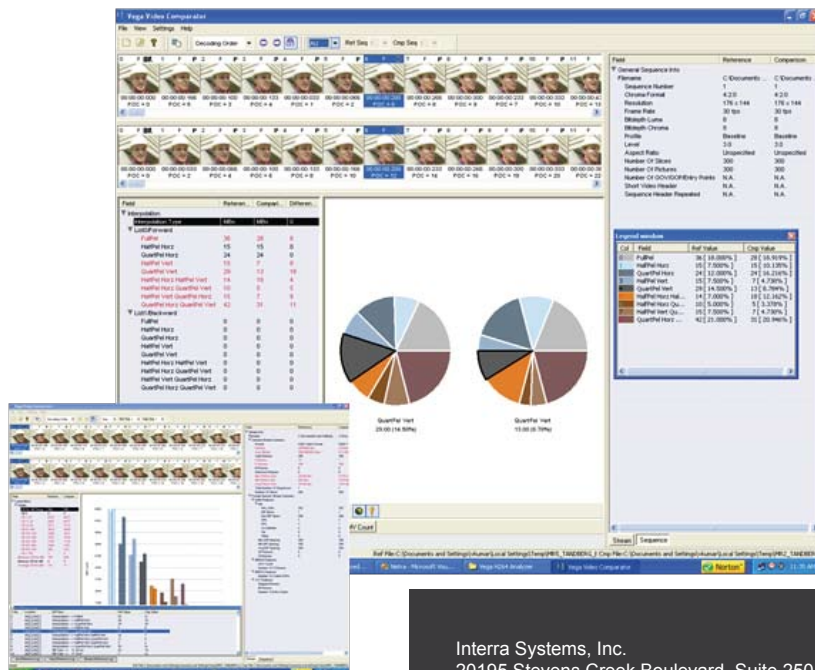
Accelerate Encoder Development

One of the challenges for an encoder or transcoder developer is assessing the performance of the encoder/transcoder. One way of assessing the performance is to compare two video outputs of the encoder/transcoder. Comparing the video outputs helps to analyze statistics such as, file size, bits used, resolution, and frame rate.

Addressing the above needs, Interra's Vega Video Comparator enables encoder/transcoder developers to compare two video streams. The Video Comparator assisted debugging accelerates encoder/transcoder development. In addition, the comparator streamlines the process to debug encoders/transcoders.

Vega Video Comparator is an ideal tool to:

- Compare the statistical information of two video streams, such as interpolation, MB, and prediction; quantization parameter range, coded bits per MB range, motion vector magnitude range; and motion vector count per MB
- Report differences in coded details such as distribution of granularity of List 0 and List 1 motion vectors for different types of interpolation
- Compare stream summary information such as, bit rate, total number of pictures, type of pictures, picture slice, and number of slices
- Compare sequence summary information such as, sequence number, chroma format, profile and level
- Compare format specific information such as, NAL units, IDR slices, SPS, PPS, and AU delimiter
- View difference messages logged during comparison



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