

# Interra Bitstream Editor



## Generate Your Own Test Streams

In today's competitive media market, quality of a media product/IP determines the product's/IP's position in the market. And product/IP quality depends on rigorous testing, among other factors. Testing media products/IPs is often an expensive proposition if product/IP developers have to buy a variety of test streams to ensure complete testing.

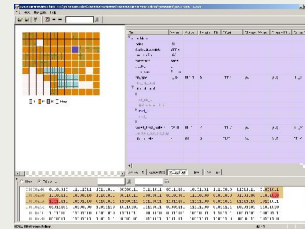
Interra's **Bitstream Editor** is an ideal companion for media product/IP developers who need a variety of test streams to test the accuracy, robustness, and performance of their products/IPs. The Bitstream Editor enables quick creation of erroneous streams and saves resources spent in acquiring or buying erroneous streams. Bitstream Editor generated erroneous streams can then be used to test media products/IPs such as, Encoders, Decoders, Set top Boxes, Players, and more.

The Bitstream Editor can also be used to diagnose bugs in media products/IPs and speed the process of fixing the media product/IP.

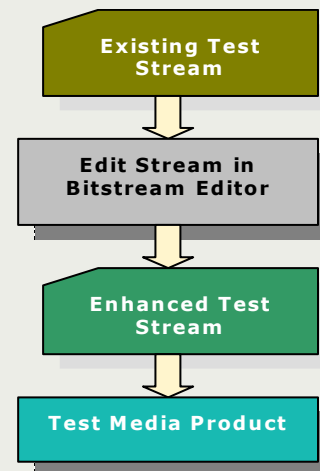
### Formats Supported:

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

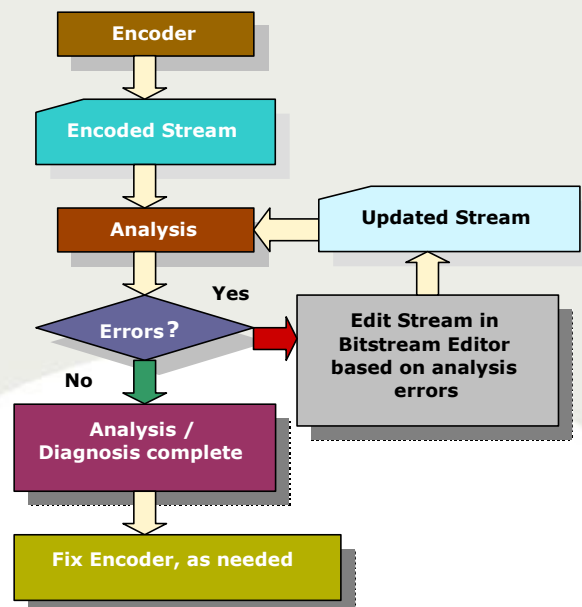
Bitstream Editor runs on Windows 2000, XP



## Bitstream Editor Assisted Testing Model



## Bitstream Editor Assisted Debugging Model



## Highlights

- Editing of values and bits of syntax elements for each access unit in a stream
- Editing of all structural levels in a stream
- Quick preview and undo of edits
- Quick navigation across the stream to access units and structural levels
- Graphical representation of structural levels for ease of understanding
- New value of a syntax element enables/disables all of its dependent syntax elements for editing
- Binary and Hexadecimal view of stream data
- Address based and pattern based search of data within stream

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