Interoperability, reliability, and efficiency are some of the parameters that distinguish quality MPEG systems used in the broadcast industry.

Media professionals working on MPEG systems, such as encoders, decoders, multiplexers, and demultiplexers, need to test and debug the integrity of MPEG-2 Transport streams for standards compliance: Can the MPEG-2 Transport stream be decoded correctly? Do the packets carry data? Is the clock accurate? Is the buffer occupancy below overflow?

Fulfilling this need, Interra’s Vega TSA is a comprehensive, offline analysis and debugging software that significantly reduces development time and cost, increases productivity, and enables media professionals to quickly bring-to-market high quality, standard-compliant MPEG systems.

Vega TSA analyzes encoded MPEG-2 Transport streams based on ATSC, DVB, ISDB, TR101 290, CableLabs VoD, and MPEG standards and provides a microscopic view into the stream: from structural hierarchy down to encoded bits. Vega TSA precisely pinpoints standards violation in the stream and provides graphical representation of details, such as stream occupancy, bandwidth utilization, timing inaccuracy, and more.

In addition, Vega TSA analyzes MXF files from top level headers down to structures, descriptors, KLV elements, and more.

Vega TSA is based on the debug platform of industry-leading Vega H264 Analyzer. Thus, apart from Transport stream analysis, Vega TSA users can also debug, analyze, and perform standards compliance tests on all elementary streams that are part of the MPEG-2 Transport stream.

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