

# Decryption Applications



**PRIOR TO DECRYPTION**



**AFTER DECRYPTION**

TAG's solution offers a proven and secure method of real time Decryption, Monitoring and Viewing of DVB Simulcrypt, as well as OTT content after the packager within the secure zone, and after the CDN while interacting with Verimatrix MultiRights key management.

Content providers are taking all means necessary to secure their content. As such, most OTT content is encrypted during the encoding phase, causing a difficult tradeoff by not being able to Monitor and View the OTT content to insure the quality of real-time distribution.

Now, Content owners can rest assured that all their content will remain secured during all streaming media methods. Even OTT content, is monitored and analyzed within the TAG's IP Software-Only Platform. No more frustration of not being able to monitor and view after the Packager, or at the CDN output.

TAG's innovative and unique decryption capabilities within the system, surpasses the conventional features of today's Multiviewing Probing and Monitoring solutions, thus, ensuring reliability, flexibility and quality for monitoring secured OTT content in real time.

#### Currently Available for:

Verimatrix | Huawei | DVB Simulcrypt

## SOLUTION OVERVIEW

The TAG solution provides a complete Probing Monitoring and Multiviewing application tool for all the transmission layers starting from the 2110/2022-6 uncompressed; MPEG-TS compressed; and OTT streams all the way down to the encoded video content and its quality.

The solution creates a visual mosaic from the monitored services with rich data overlay, supplying the operator with a strong tool for error detection and alerting.

The created output Mosaic/Head is an HD or UHD video stream, encoded and transmitted as 2110-21 and standard H.264/H.265 SPTS along an HLS parallel output – enabling remote monitoring, mobile devices access and very flexible installation topology.

## KEY FEATURES

**High density offering** concurrent probing/monitoring of up to 300 services per server

**In-parallel inputs** ability to mix a variety of sources HEVC/H.264/MPEG-2/J2K/HLS/MPEG-DASH/SMPTE-2110/2022-6/7 UHD/HD/SD/RADIO/DATA

**Simultaneous, real-time analysis** of all sources across all channels

**Flexible deployment** by unique mosaic over SPTS for output streaming or ST-2110/2022-6 Uncompressed output, as well as HLS parallel output

**Unique alarm trigger** settings for individual or groups of channels

**Event notification** by SNMP, Syslog, Email and Mosaic overlay

**On screen** analysis and display of DVB Subtitles, ID3 and 708/608 closed captioned

**Source recording** for compressed streams, triggered by any of the event detection rules

**Content Decryption** within the solution.