

Customer Need

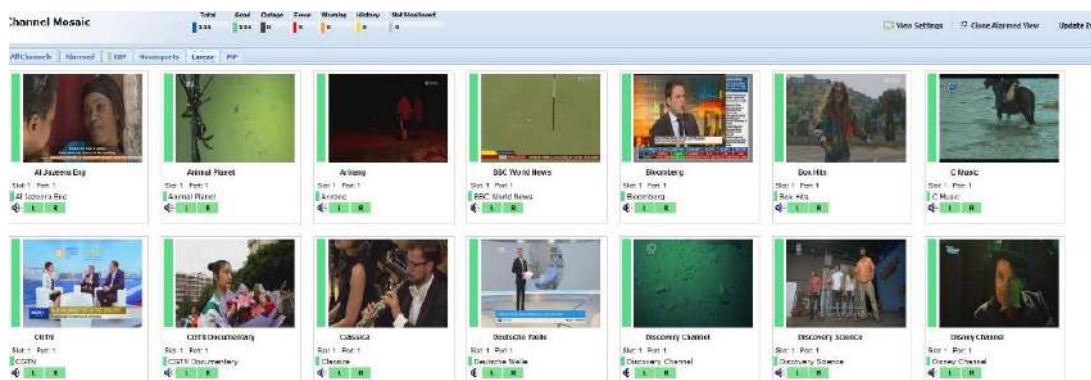
Due to lack of monitoring live streams of an IPTV service, the service provider asked for a monitoring system to detect and acknowledge a failure on a live stream and at the same time increase the visibility on the service and minimizing the time of reaction from the responsible teams in case of failure.

Offered Solution

The offered solution taps into video and measure the right quality metrics at each point in the video chain. IQ solution provides an infrastructure consisting of mainly three elements. These are:

- An Inspector Live which is used for monitoring on the content level (audio and video) of the streams produced within IPTV Headend by IRDs and encoders.
- A surveyor TS which is a probe connected to the output of MediaRoom platform and monitors the encrypted streams on Transport level.
- An iVMS which is connected to both Inspector and Surveyor and used for Alarm correlation, performance and reporting purposes.

The solution is capable to provide fully customizable views, operation and configuration of equipment.



Key features:

- Different monitoring templates may be configured to fit all type of streams (HD, SD, Linear, PiP, OTT Profiles).
- Linear stream flows may be added for monitoring (linear, PiP, IRD).
- OTT profiles may be also added for monitoring (SD x OTT profiles, HD x OTT profiles).
- Monitoring schedules may be configured to avoid faulty alarms on some channels that broadcast static cards.
- Dashboards to be configured in a way to be easily understandable and to simplify NOC team's job.
- OSS integration with other NMS tools.

Business Benefit

Saves time for Network Operations operators as full function and controls customization results in easier navigation and operation. **Reduces operational spend** on multiple platforms and training costs due to less operators. **Saves money** to invest in video services. **Avoids customers** to leave and watch something else easily in case of service degradation. **Makes sure** that companies paid to store, prepare, deliver, and play content are consistently providing the service expected. **Provides historical reporting** and analysis for video quality assurance.