Continuous & Proactive Monitoring across platforms improving QoE with OpEx

**CHALLENGE**

- Improved the turnaround time for QoE verification on stream
- Soft streaming of Android stream with very high FPS in HD quality
- Automate and test the streaming QoE of any OTT application

**SOLUTION**

- 24X7 Monitoring Assets - Linear EPG and VOD catalogue.
- Test Manager for test execution
- Functional Automation
- Shift left strategy
- QoE Metrics in the form of API for 3rd Party Dashboard Integration

**HIGHLIGHTS**

- Player / App Validation - Test Apps (App version) + Production Streams
  - Startup time,
  - start up failure
  - Buffering ratio
  - Video Bit Rate Test
  - Audio Bit Rate test
  - Playback Failure
  - Bandwidth Consumed
  - Bandwidth Available

- **Performance**
  - 200000+ Test Scripts Annually

- **Business Impact**
  - 13+ KPIs on Live/VOD Content