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

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

HIGHLIGHTS

Performance

200000+ Test Scripts Annually

Business Impact

13+ KPIs on Live/VOD Content

TATA ELXSI