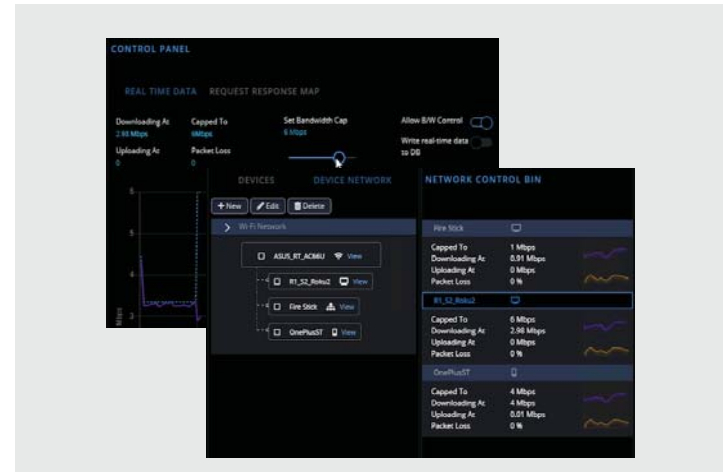


## APPLICATION SCENARIO

- QoE: Player performance benchmarking across different devices/ Operating Systems/ Firmware versions
- Delivery pipeline software components change validation from QoE delivery point-of-view
- Monitor the quality of video content including HD and 4K, at multiple stages of content delivery, from creation to consumption on various end device (Mobile, STB, OTT, SmartTV, Gaming consoles)
- Multi-device testing scenarios including test home setup in a lab
- Security audit of connected devices

## OUR CONTRIBUTION

- State-of-the-art rack setup to accommodate various devices ranging from STB, Android devices, iOS devices, streaming devices, smart TVs, and gaming consoles
- QoE dashboard with test manager along with test vectors, workflow, and interactive metrics visualization
- API library and tools covering advanced scenarios like throttle bandwidth, Http/Https request response analysis
- FalconEye CPE to see and interact with the devices under test across multiple locations



## BENEFITS

- Reduction in cost per script by up to 50%
- 90% boost in software/ device acceptance
- 75%+ coverage of automated functional tests
- Increased workflow automation
- Data driven root cause analysis
- Reproduce and analyzing transient issues
- Ability to also test iOS and SmartTV devices