

HeadSpin AV Platform

Secure testing of audio & video quality including DRM content

Platform allows to:

- >> Test **video applications such as media, entertainment, gaming, video conferencing**
- >> Run tests on **OTT media devices**
- >> Test **DRM-protected content**
- >> Test **voice activation** and **speaker based use cases**

Key Capabilities

Benefits

Analysis on real world performance data

Ensure your content is compatible with all devices and networks.

Automated measurement & documenting of audio/video KPIs

Deliver flawless audio visual experiences by focusing on key KPIs.

Identification of the highest priority issues to fix

Save your engineers' time by prioritizing issues to fix using AI powered insights.

Automated Mean Opinion Score (MOS) on the quality & performance of live video

Understand how your audio-video content is perceived by the end user.

Database of recorded sessions

Analyse root causes and help engineers understand difficult-to-quantify UX aspects.

Accurate testing sans interference

Ensure flawless testing uninterrupted by ambient noise and light interference.

Impact



High quality customer experiences across geographies



Better viewer engagement and revenue growth



Increased operational efficiency and reduced time-to-market

Features

▶ Captures audio and video from **any device** placed inside the appliance, such as:

>> *Phones and tablets*

>> *Smart speakers*

>> *OTT/Set top boxes, such as Roku*

▶ Fair-use DRM screen capture

▶ **Fully integrated** into the HeadSpin user interface, APIs, and test automation

▶ Provides a **centralized device lab** for distributed test teams

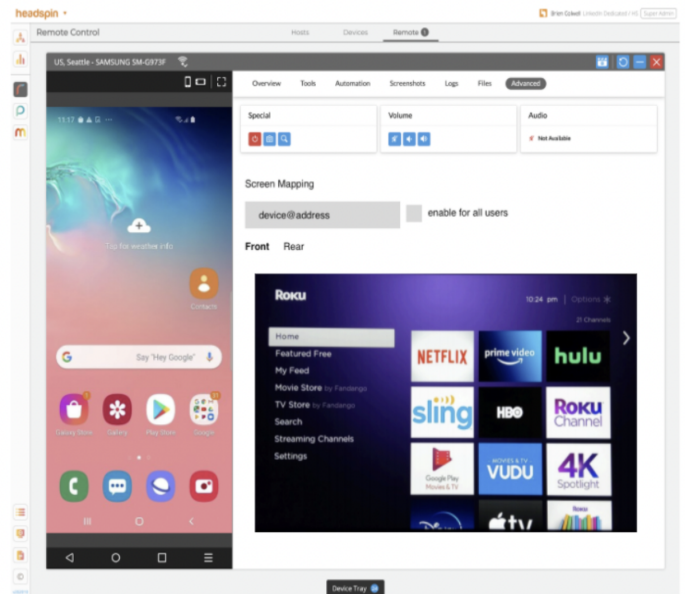
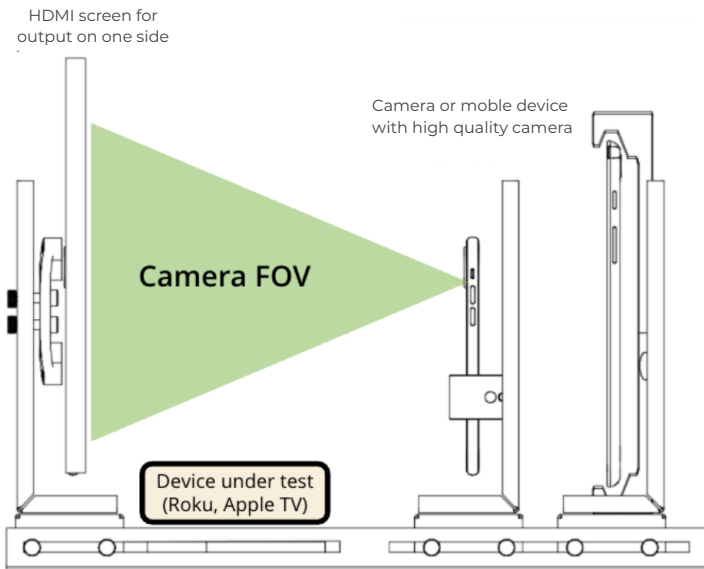
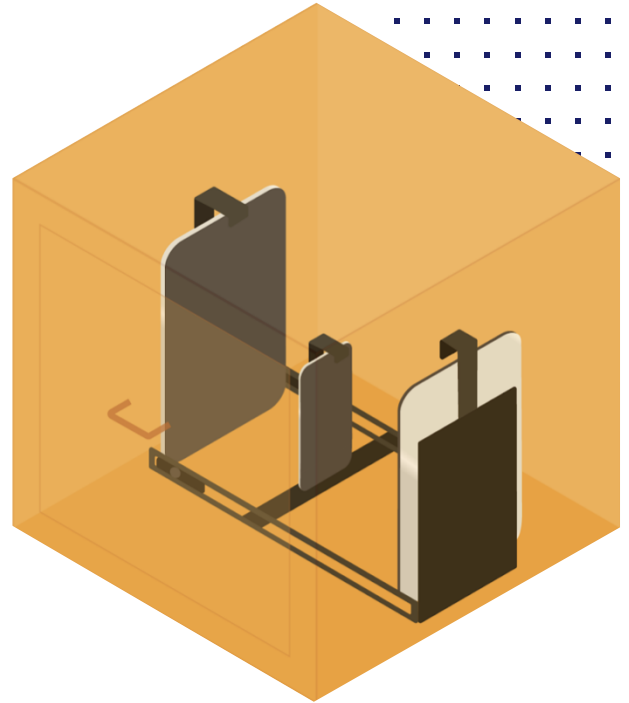
▶ Compatible with **automation frameworks** for media device

▶ Supports a variety of test use cases including media apps, video conferencing, camera apps, livestreaming, and more

How It Works

▶ A high resolution camera is placed opposite the device being tested. This camera captures video and the captured content is continuously tested for its quality.

▶ The audio from the device under test is captured through microphones and Bluetooth (if enabled) and can be analyzed via HeadSpin's audio match analysis.



A simple user interface enables remote access to the platform.

Here's a quick demo of AV Platform!