headspin

Platform allows clients 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** by audio injection API.

Key Capabilities

Analysis on real world performance data.

Automated measurement & documenting of audio/video KPIs.

Identification of the highest priority issues to fix.

Automated Mean Opinion Score on the quality & performance of live video.

Database of recorded sessions.

Accurate Testing Sans Interference

Benefits

Ensure your content is compatible with all devices and networks.

Deliver flawless audio visual experiences by focusing on key KPIs.

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

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

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

Ensure flawless testing uninterrupted by ambient noise and light interference.

Impact

High quality customer experiences across geographies

Better viewer engagement and revenue growth

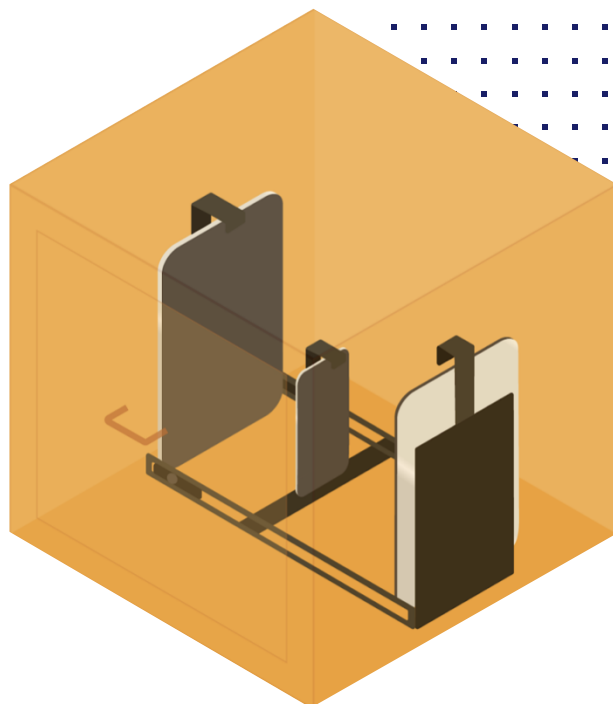Increased operational efficiency and reduced time-to-market

Features

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

>> *Phones, tablets, appropriate wearables with cameras & microphones*
>> *Smart assistants*
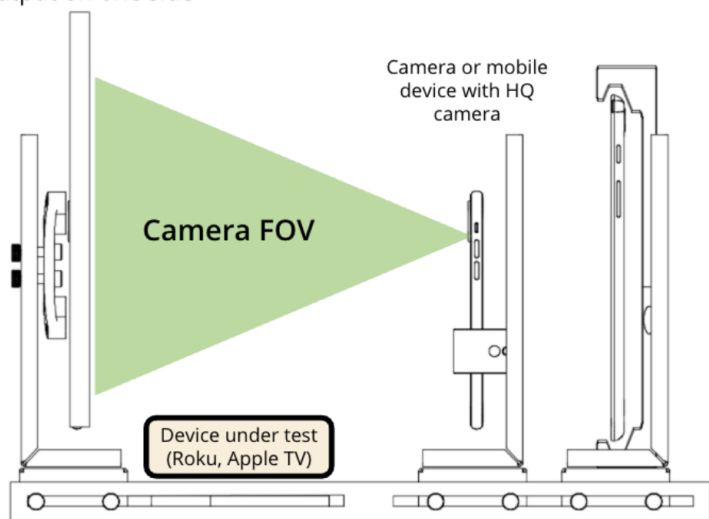>> *OTT/Set top boxes such as Roku*

▶ Fair-use DRM screen capture

▶ Communication and camera apps

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

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

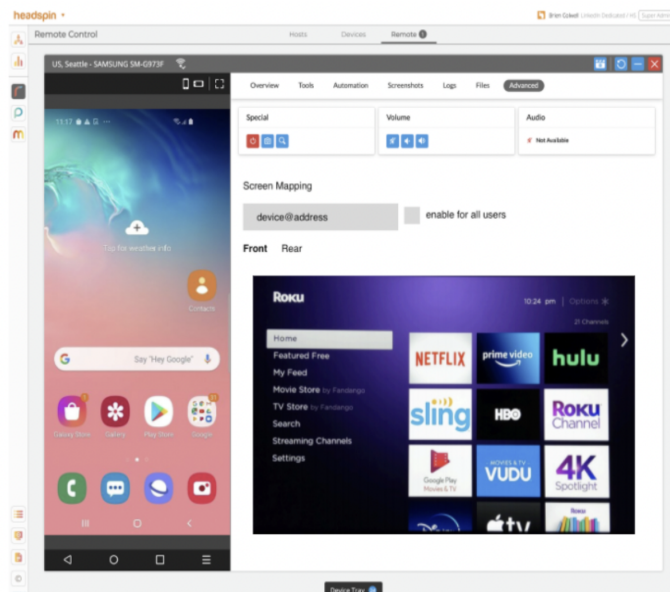▶ Compatible with **automation frameworks** for media device

Solution Overview

▶ A high resolution camera is placed opposite the device being tested. This camera captures video (including DRM Protected Content), and the captured content is continuously tested for its quality

▶ The audio from the device under test (including DRM Protected Content) is captured through microphones and bluetooth devices and then tested for its quality

The above shows an example of the simple user interface to gain remote access to the platform

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Here's a quick demo of AV Platform!