amino

Operator Ready Android TV

Integrate streaming apps alongside linear channels and enjoy a modern user experience

Consumers love video. The TV experience, today, is more than a selection of linear channels available from Pay TV operators. Consumers are accessing content from the sources most interesting to them and those sources are premium and niche streaming services. We understand that integrating streaming content has become a priority for Pay TV operators.

The challenge

Android TV for service operators

Google's Android TV Operator Tier, is designed with Pay TV operators in mind. It enables operators to create a branded video service based on Android TV, including integrating DVR capabilities and VOD content, all while protecting operator data.

It enables operators to quickly deploy leading edge features such as:

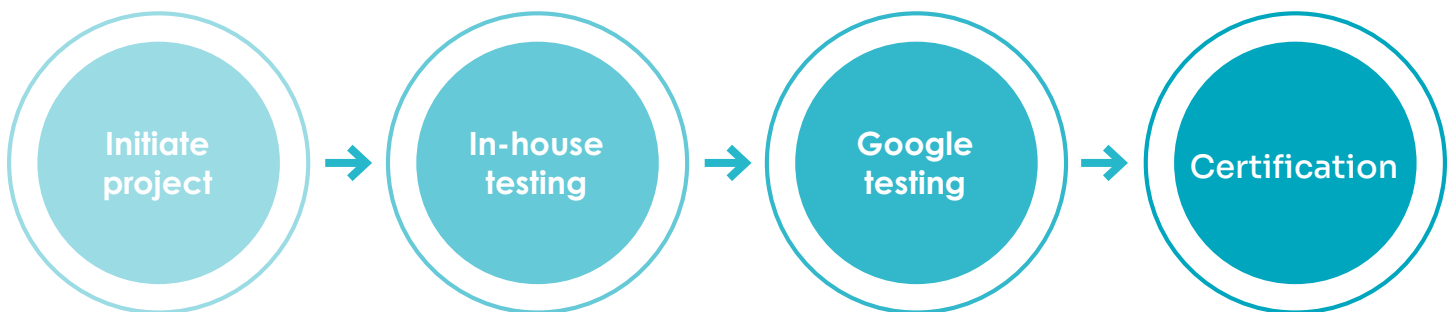|			
Apps via the Google Play store	A modern, visual user interface	Voice control	Federated search of live, recorded and app content

But, it doesn't include some of the key functionality needed by most Pay TV providers. Amino provides the enhancements that make Android TV truly operator ready.

The foundation is Amino's commitment to the Android TV certification process. All devices running Android TV are certified by Google and releases are maintained in accordance with Google's guidelines. This means that a certification is updated quarterly to incorporate the latest security patches. Amino will also provide 3 Google OS upgrades over the 4-year certification lifespan to supported customers.
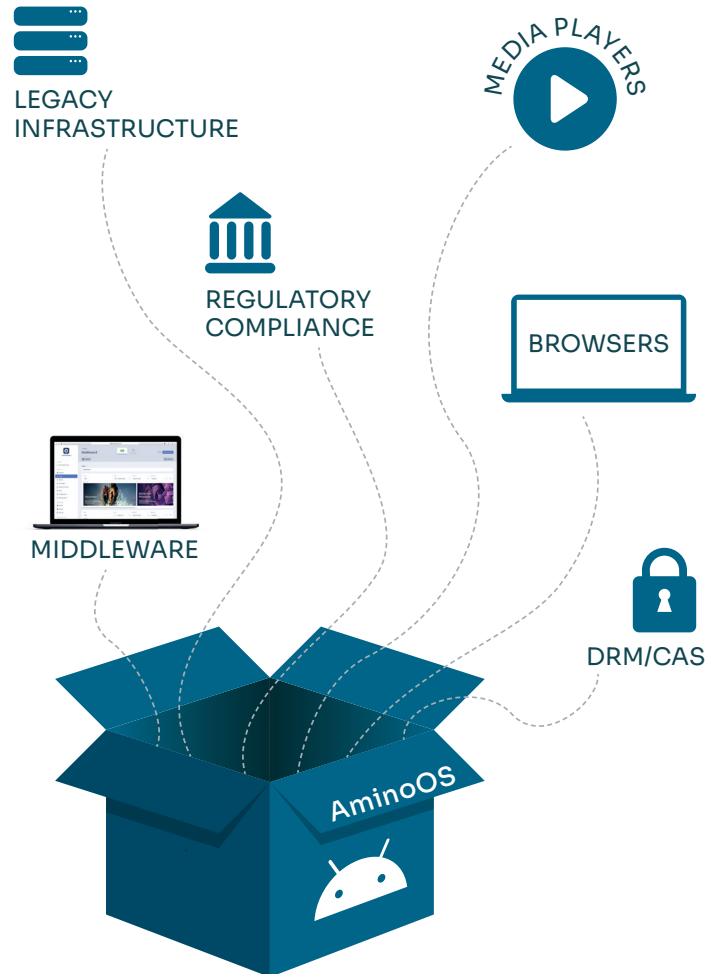
Initiate project → **In-house testing** → **Google testing** → **Certification**

Operator Ready Android TV

The true value of Amino's Operator Ready Android TV, powered by AminoOS, lies in the features that simplify integration with an operator's infrastructure and networks; and simplifies overall management of the Android TV devices.

Amino helps operators protect infrastructure investments by providing support for:

- Integrated Legacy DRM clients
- IGMP Multicast
- RTSP, RTP, RTSP Interleave
- MPEG2
- Retransmission
- DVB Subtitling and Teletext
- QoS Tagging
- PPPoE support
- TR-069 support
- ADB to Syslog Support

LEGACY INFRASTRUCTURE

MEDIA PLAYERS

REGULATORY COMPLIANCE

BROWSERS

MIDDLEWARE

DRM/CAS

AminoOS

Enhanced by Amino Engage.

Engage enables a host of unique operator specific features and new levels of control over the Android TV OS and configurations. Engage features and configurations for Android TV help Pay TV operators to:

- Reduce truck rolls with virtual support functions
- Customize boot screens and boot animation
- Update operator launchers and apps separate from firmware

- Map Remote control buttons to specific app features
- Control default settings for:
  - HDMI CEC
  - Device Standby
  - Audio Volume controls
- Access deployment analytics and metrics
  - Media Player quality metrics
  - App consumption metrics
  - Uptime reports
  - CPU and Memory consumption stats

Simplifying App integration

While Google provides access to apps in the Google Play Store, Amino also works directly with content providers to certify their apps on our devices. These relationships are reflected by our scaling agreement with YouTube which streamlines the process of certifying Amino Devices deployed with these apps. In addition, Amino has certified Amazon Prime Video and Disney+ on the Amigo 7X and continues to collaborate with content providers to certify their apps on Amino devices.

Define your launcher

The key to a modern user experience is the user interface (UI) subscribers see when navigating their TV service. Android TV Operator Tier gives operators the ability to position their logo, brand and customize this UI. The basic launcher allows operators to position their logo and pin key apps and channel and promote content. The Google Play Store must be placed in a prominent position.

Amino has certified launchers with many of our partner companies and Amino's sister company, 24i. They can deliver a customized launcher to more fully reflect an operator's brand and 24i provides a cloud-based platform to easily manage the content represented within the user interface. Custom launchers require Google certification which Amino manages.

Operator Ready Android TV helps Pay TV providers deliver TV the new way, blending legacy and current technology to give consumers access to both linear TV and streaming video with a modern, branded user interface.

Operator Ready Android TV key benefits:

Deliver Linear TV and streaming apps

Attract and retain subscribers

Simplify management of STB, apps and UI

Follow us

www.amino.tv

We would love to know more about your video plans.

Please contact us at letstalk@amino.tv or connect with any of our partners.