



AminoOS

Today's subscribers have high expectations. They want content and they want it on their terms.

Deliver the content your subscribers want

Pay TV providers have an opportunity to aggregate content and unify delivery of live or on-demand, linear or streaming content to the subscriber home for access via a modern user interface on the TV.

AminoOS is the mission critical software that powers CPE devices to ensure that these devices deliver the features and integrations that are common across all modern video service deployments. Truly vendor agnostic, AminoOS is deployed across the entire Amino device portfolio and is also available on third-party devices. AminoOS extends the capabilities of the hardware to provide functionality that matters to both operators and their subscribers.

Boost your content lineup

AminoOS is more than an elegant software stack. Now, operators are able to access a broad ecosystem of content providers and easily offer OTT streaming services alongside their linear TV channels.

Amino has integrated and certified premium OTT services such as Amazon Prime Video, Disney+, Netflix and YouTube to facilitate operator delivery of these services. Subscribers benefit from having all their content in one place, accessed via a modern user-friendly interface.

80%

of global TV households have a SVOD subscription

(Digital TV Research)

54%

of Pay TV households also have at least one SVOD subscription

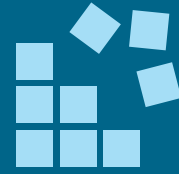
(Parks Associates)

Added value for operators

AminoOS incorporates our deep knowledge of video delivery to optimize hardware performance and ensure that operators can deliver all the content their subscribers demand and the performance features they expect.

At its core, AminoOS is a robust and mature virtualized set-top box platform designed to improve agility in Android, Linux and RDK devices.

Key features include:



A **modular code base** to support various SoC vendors, connectivity elements, media players and browsers



Pre-integration with a wide variety of CAS, DRM, Middleware and other relevant ecosystem partners



Best-in-class **self-install wizard** guiding subscribers through the device set-up process of defining connectivity, language selection and remote-control pairing



Industry leading **advanced functions** such as fast channel change, multicast ABR, in-home content sharing or casting



Future-proof platform using a software-defined abstraction layer to seamlessly integrate legacy or future hardware in one common platform

Platforms aligned to your priorities

Selecting the best device platform software is dependent on your priorities.

With an assumption that the top priority is delivering both linear and streaming content other **topics that operators should consider include:**

- Flexibility of development environment
- Control of subscriber data
- Ability to control branding within the user interface (UI)
- Flexibility of UI design
- Availability of UI templates
- Support for broadcast stack technologies
- Certification process and schedule
- Technology Ecosystem integrations
- Process for managing firmware, app or launcher updates
- Availability of premium apps and app store

Device Software Platforms



ERDK



UX Tool Kit

Core Software

Advanced Features



Performance Optimization

Launcher Tool Kit

Core Software

Google Certifications



Google Services

Broadcast Integrations

CAS / DRM Integrations

Premium OTT Service Integrations

Android TV

Amino's enhanced version of Android TV adds features not included with standard platform but required by operators to run a TV business. These features often include support for managed network delivery, MPEG TS over UDP Multicast, retransmission, subtitling and legacy CAS vendors, and more.

Amino is a certified Google GTVS partner, taking responsibility for running the test and certification process for customers. We ensure that our Android TV hardware meets Google requirements and that new releases are available to our operator customers within the stipulated minimum period. With AminoOS, operators enjoy access to apps in the Google Play Store alongside their legacy linear channels.

RDK-V

AminoOS with RDK gives operators the flexibility to update their video service and maintain control of branding and subscriber data.

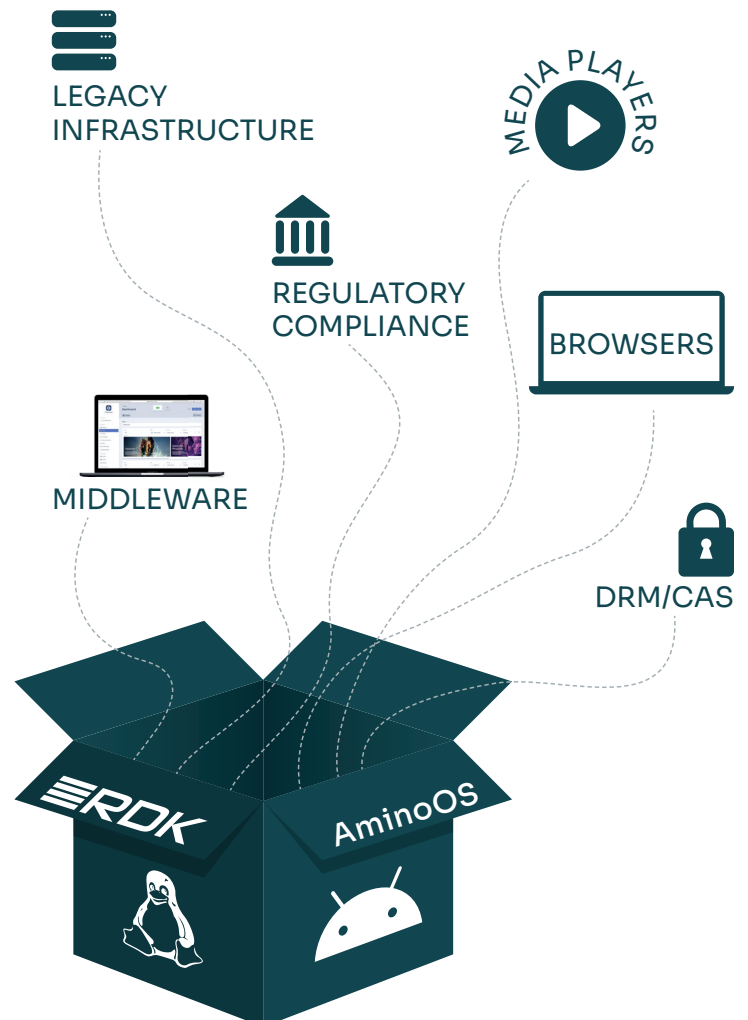
The platform supports both legacy functionality and integrations while enabling service innovation such as delivery of streaming apps and updated user interfaces.

As a RDK Video Accelerator partner, our platform, including the underlying hardware and SoC, is certified and supports a defined set of standards and features which app developers can rely upon. Additionally, support for existing AminoOS APIs and services can simplify migration from older Amino devices.

Linux

Our Linux platform has been industry hardened with deployments across many SoC families for more than a decade. Its mature set of APIs are designed to lower risk and accelerate time to market. The UX toolkit enables integration with a wide range of ecosystem partners offering both certified managed IPTV and multiscreen solutions, while its core software supports the wide range of multicast and unicast protocols, media players and browsers required to deliver converged linear and/or streaming services.

Designed to run on legacy platforms with limited resources or the latest high-performance multi-core platforms, Enable is a robust, optimized software stack providing the reliability demanded by customers and partners.



Why AminoOS?

Operational Agility

Pay TV operators can innovate their video services with confidence; integrating streaming services and legacy linear channels; re-using existing technologies; benefiting from the latest industry standards.

Expertise

Leveraging 20+ years of IP video delivery experience and know how, AminoOS is backed by a managed roadmap, supporting deployments in over 250 countries worldwide.

Flexibility

Options for Android, Linux or RDK with integrations to a broad and deep industry ecosystem.

AminoOS key benefits:



Performance optimized, creating industry leading reliability



Expand the capabilities of the underlying hardware



Extend the lifetime value of devices through roadmap updates

AminoOS empowers operators to launch modern, consumer-centric user experiences and video services, while maximizing the value of existing capital and infrastructure investment.

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We would love to know more about your video plans.

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