

amino 

**DEVICE PLATFORM
SOFTWARE ENHANCING
OPERATIONAL AGILITY**



 **amino**



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

What does that mean for pay TV providers?

It means they must find new operational agility to deliver subscribers both the content and the user experience they have come to expect.

AminoOS is the mission critical software that powers CPE devices to ensure that features and integrations that are common across all modern video service deployments. Truly vendor agnostic, AminoOS can be deployed across both the AminoVU portfolio and third-party devices. But, AminoOS also provides key features that are meaningful to both an operator and its subscribers.



Boost your content lineup

AminoOS is more than an elegant software stack – it provides pay TV providers with access to an ecosystem of OTT content providers. Now, operators are able to easily offer OTT streaming services alongside their linear TV channels. Subscribers benefit from having all their content in one place, accessed via a modern user-friendly interface.



Added value for operators

AminoOS incorporates our deep knowledge of video delivery by optimizing the use of the hardware components to ensure that operators can deliver live, linear and streaming content, via a modern browser, to content hungry consumers. At its core, Amino OS is a robust and mature virtualized set-top box platform designed to improve agility in both Linux and Android 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 user self-install wizard streamlining deployments by walking the user through 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 software abstraction layer to enable upcycling of legacy devices to consolidate all devices onto one common platform

Device Software Platforms

ENABLE 

AmiNET 

APOLLO 

UX Tool Kit

UX Tool Kit

Launcher Tool Kit

Core Software

Core Software

Core Software

Advanced Features



Performance Optimization

Advanced Features



Performance Optimization

Google Certifications



Google Services

Broadcast Integrations

CAS / DRM Integrations

Premium OTT Service Integrations

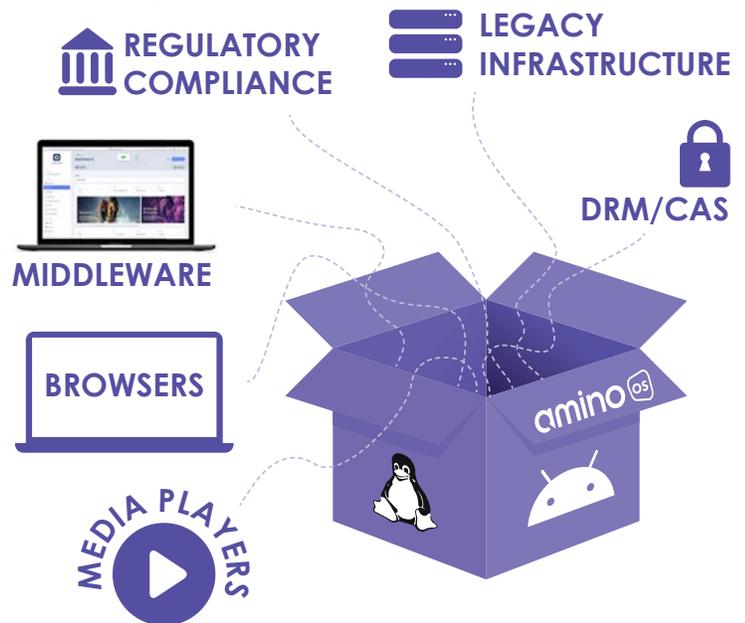
AminoOS Enable – Linux Firmware

Enable has been industry hardened with deployments across many SoC families for more than a decade. It's 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.

Optimized 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.

AminoOS Apollo – Android Firmware

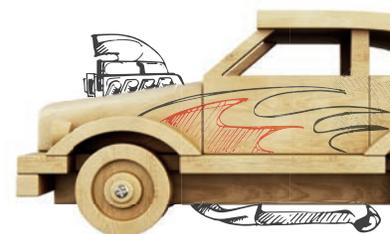
Apollo is Amino's SDK wrapper for Android TV enabling "Operator Ready Android TV". Apollo provides software extensions not included with Android TV that are required to run a managed TV service. These features include support for UDP multicast streams, legacy DRM and CAS systems, RTSP for legacy VOD systems. Coupled with Amino's Service Management solution, Apollo provides a plethora of customization options including, zero screen support, branding customizations, remote control hot-key remapping and more.



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

Upcycling with AminoOS

Until recently, the models for upgrading set-top boxes to deliver enriched subscriber experiences were limited to "lift and replace" or "cap and grow". AminoOS delivers a new, more cost-effective route, to creating the device agility operators need to meet consumer demand and provide a unified UX. This is done using software and virtualization to 'upcycle' existing STBs. Upcycling gives operators the agility to maximize investment in deployed STBs by providing leading edge features and functionality while slashing CAOEX, deployment and support costs and time to market.





Why AminoOS?

AminoOS is focused on increasing operational agility. Whether it is enabling integration of new streaming services with legacy linear channels, the re-use of existing technologies or upcycling of legacy devices AminoOS enables customers to pragmatically enhance their service offerings.

Developed by our global software team, AminoOS is built on over 20 years of focused IP entertainment delivery excellence. Since the earliest days of IPTV deployments, Amino has created industry-leading software to support more than 1000 deployments in over 250 countries worldwide.

With proven performance in over 10 million devices – and an unrivalled reputation for reliability – AminoOS supports both Linux and Android with integrations with a broad and deep industry ecosystem.

AminoOS Key benefits

- ◆ Performance optimized, creating industry leading reliability
- ◆ Self-install rates surpassing 90%
- ◆ Extend the life of existing devices by upcycling device middleware

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



To find out more please contact an Amino representative
sales@aminocom.com www.aminocom.com

