



# AminoOS

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

## What does that mean for Pay TV providers?

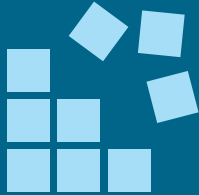
It means their video services must provide the content their subscribers want. It is an opportunity for Pay TV providers to aggregate live and on-demand, linear or streaming content via a modern user interface.

AminoOS is the mission critical software that powers CPE devices to ensure that 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.

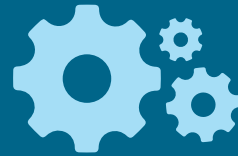
## Added value for operators

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, AminoOS 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 **self-install wizard** guiding subscribers the user 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 software abstraction layer to enable upcycling of legacy devices to consolidate all devices onto one common platform

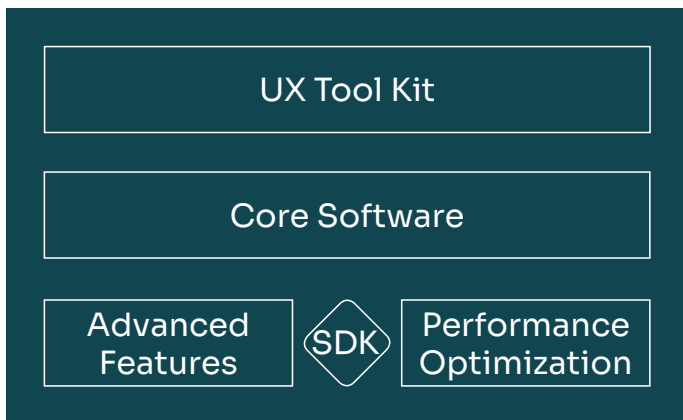
# Boost your content lineup

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. 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.

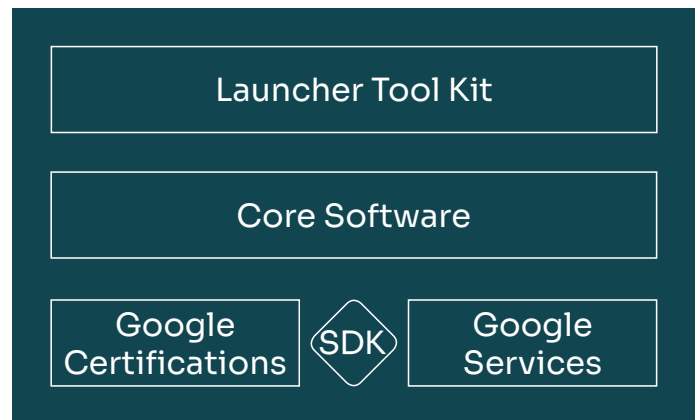


## Device Software Platforms

Enable 



Apollo 



Broadcast Integrations

CAS / DRM Integrations

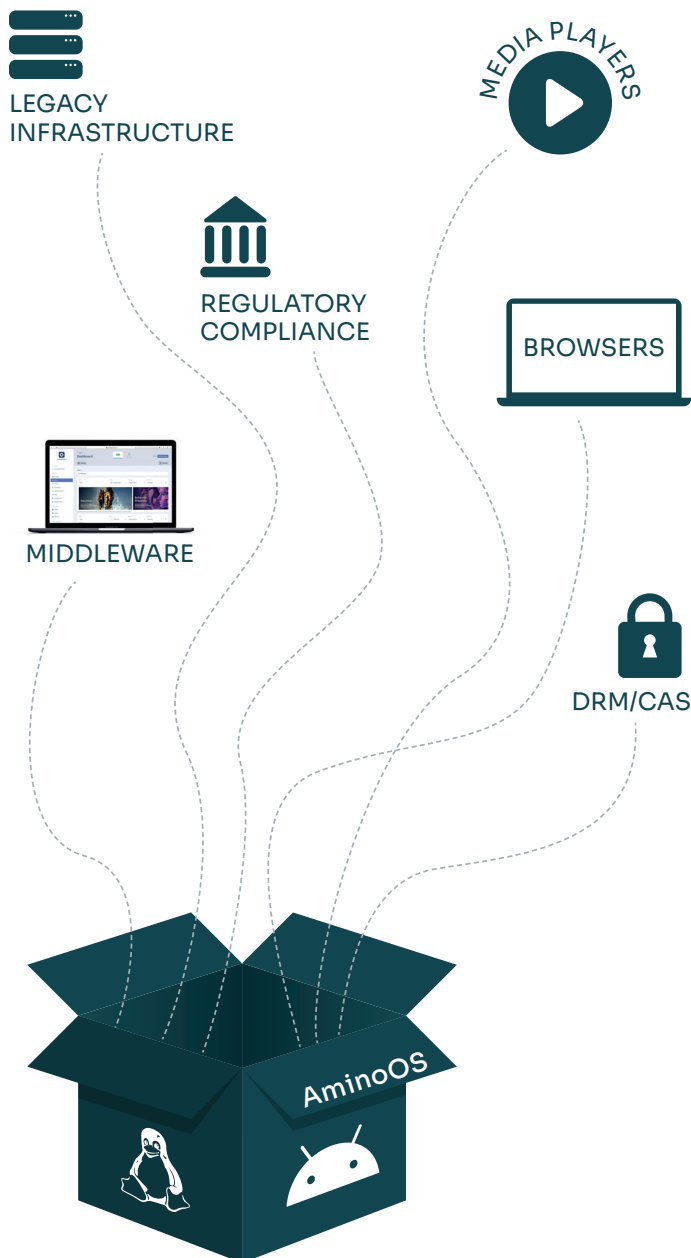
Premium OTT Service Integrations

# 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 enhanced version of AndroidTV Operator Tier. This firmware adds features, not included with AndroidTV, 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 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.



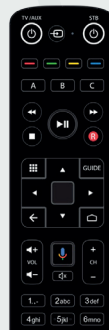
# Upcycling

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 extending the lifetime value of devices while giving operators the agility needed 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 CAPEX, deployment and support costs and time to market.



# ODM

Amino works with leading ODMs to license AminoOS on white label basis. This enables ODMs to benefit from Amino’s ongoing software development, while pursuing go-to-market strategies in agreed upon markets. Certified ODMs are able to provide incremental value to their customers with the proven performance and reliability of AminoOS while easily integrating with legacy network and video delivery technologies.



# Why AminoOS?

## Operational Agility

Pay TV operators can integrate streaming services with legacy linear channels, re-use of existing technologies or upcycling of legacy devices AminoOS enables customers to pragmatically enhance their service offerings.

## Expertise

Built on over 20 years of focused IP entertainment delivery excellence. Since the earliest IPTV deployments, Amino has created industry-leading software to support deployments in over 250 countries worldwide.

## Flexibility

Options for Linux or Android with integrations to a broad and deep industry ecosystem; deployed on Amino or 3rd party devices.

## AminoOS key benefits:



Performance optimized, creating industry leading reliability



Expand the capabilities of the underlying hardware



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.

## Follow us



[www.amino.tv](http://www.amino.tv)

We would love to know more about your video plans.

Please contact us at [letstalk@amino.tv](mailto:letstalk@amino.tv) or connect with any of our partners.