

VOS[®] 360

VIDEO SOFTWARE-AS-A-SERVICE



The award-winning VOS[®] 360 solution from Harmonic transforms traditional video preparation and delivery into a comprehensive video software as a service (SaaS) offering, helping content creators and service providers launch revenue-generating, broadcast-quality OTT channels in a matter of minutes.

Built exclusively for media professionals, the secure, carrier-grade VOS360 service is easily accessed over any public cloud, making it easier than ever to create and deliver revenue-generating live, time-shift, cloud DVR and VOD streaming services directly to consumer devices. By removing the need to build out a physical plant and with pay per-use-pricing, VOS360 dramatically alters the economics of OTT content delivery.

The VOS360 service is maintained and operated by Harmonic 24/7/365, assuring that your content streams smoothly and securely with superior video quality. The service makes it possible to prepare and deliver content from anywhere in the world, with total geographic redundancy and operational resiliency.

Unifying the entire media processing chain, from ingest through delivery, VOS360 features six primary microservices that conform to the essential functions in media processing: ingest, playout, graphics, transcoding, encryption and delivery. Highly efficient workflows are accessed by simply selecting capabilities within each of these functionalities. Template-based workflows are also available, allowing for rapid, consistent configuration of system resources.

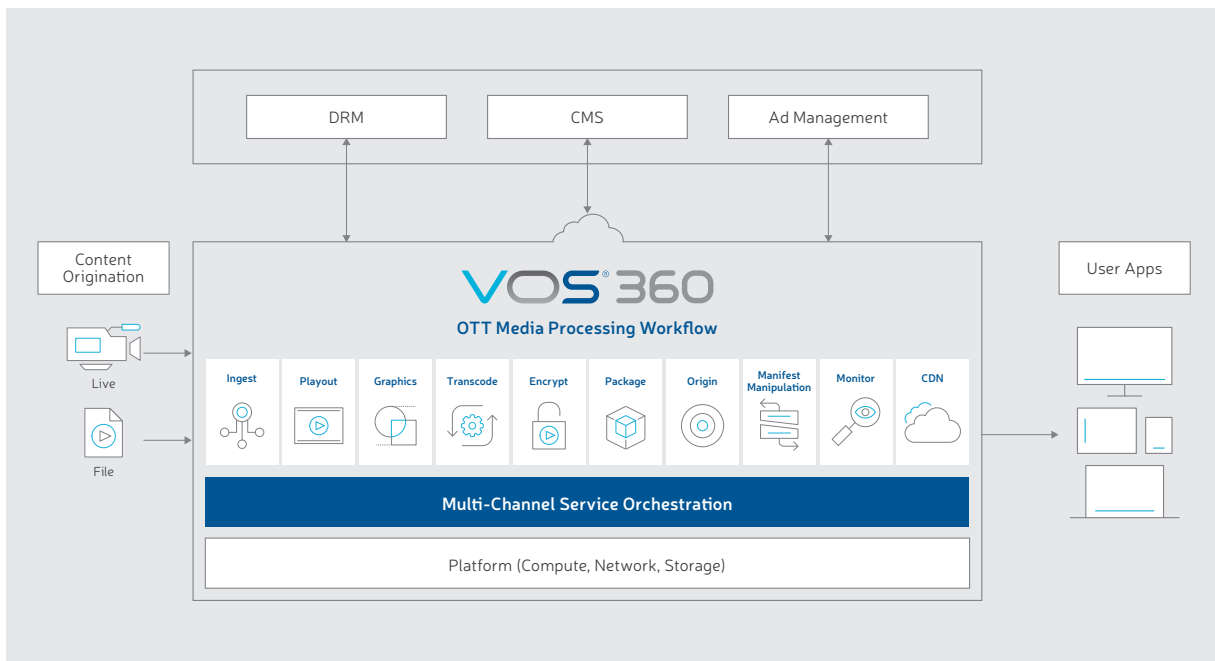
Transcoding on VOS360 is performed by the Harmonic PURE Compression Engine™, an advanced, software-based technology that supports SD, HD and UHD formats and MPEG-4 AVC and HEVC codecs. Users can also employ EyeQ™ real-time video optimization, Harmonic's optional enhancement for PURE Compression that ensures delivery of the highest video quality across all AVC delivery networks while reducing bandwidth consumption by up to 50%.

As a true SaaS built for professional media processing, VOS360 features the hallmarks of openness, scalability and agility. Support for Harmonic APIs let you work the way you want, while usage-based, tiered pricing assures that you pay only for the functions actually used. All VOS360 capabilities are managed from a single, intuitive user interface. Simply define your sources, upload your VOD catalog, define regional or global distribution policies, and start engaging your audience. This SaaS is perfect lets you launch your services faster, increase operational efficiency, and helps your manage costs.

HIGHLIGHTS

- Comprehensive SaaS for broadcast and OTT media preparation and delivery
- Hosted and monitored by Harmonic
- Launch revenue-generating, broadcast-quality OTT services in minutes
- Designed for easy, secure accessibility over the public cloud
- Ensures superior quality of experience and service availability
- Template-based workflows for rapid and consistent configuration
- Tiered, usage-based pricing

VOS360 Ecosystem



Top Business Benefits

Fast time to market

VOS360 allows you to launch new services faster and seamlessly scale to support viewing peaks. This gives operators the opportunities to respond to new opportunities in the quickest delays.

Run lean operations

Thanks to the consistent upgrades, VOS360 reduces operational efficiency and is easier to operate. You no longer need to constantly think of upgrading and monitoring your system because Harmonic is doing that for you 24/7/365 days a year.

Complete functionalities

VOS360 is a comprehensive solution that takes the guess work out of your decisions. This SaaS contains full OTT functions as well as true broadcast quality.

Simplicity at its best

Harmonics VOS360 video SaaS provides you with an easy-to-use interface and API created with the user in mind. The interface is driven by your workflow in a template-based setting.

Smarter expansion possibilities

With VOS360, business opportunities are endless. This solution is always being upgraded to provide you with the latest technology and features so that you can adapt your services in minutes.

Costs are under control

Harmonic’s video SaaS solution is priced with you in mind. It is structured with usage-based pricing, so you only pay for what you use and need. With this pricing functionality you can eliminate capital costs and focus on operational costs.

VOS360 Capabilities

Channel origination

VOS360 enables channel origination for linear and pop-up channels for special events with live programming and replay of aired clips.

Live streaming

Securely contribute live 24/7 services and events using the VOS360 CloudLink application, and deliver directly to consumers with low latency OTT streaming.

VOD

Simply and securely contribute your existing VOD library, and use VOS360 to prepare and deliver the catalog directly to your subscribers.

Time-shift TV

Simply define your recoding window for each channel, whether a couple of hours or several months. Allow start-over capability for TV shows that are currently playing, or go back in the program guide to watch shows that aired previously, giving consumers complete control over their content consumption desires.

Cloud DVR

Allow your customers to record individual TV shows or series, perform implosive recording and consume the content on any device, anytime, anywhere.

Global distribution

VOS360 delivers content directly to your consumers via a global CDN. The service provides management of local and global distribution policies, whitelisting and blacklisting.

Teleport services

Harmonic can optionally provide satellite and IP reception and contribution services anywhere in the world via an array of international partner agreements, resulting in a fully end-to-end managed service.