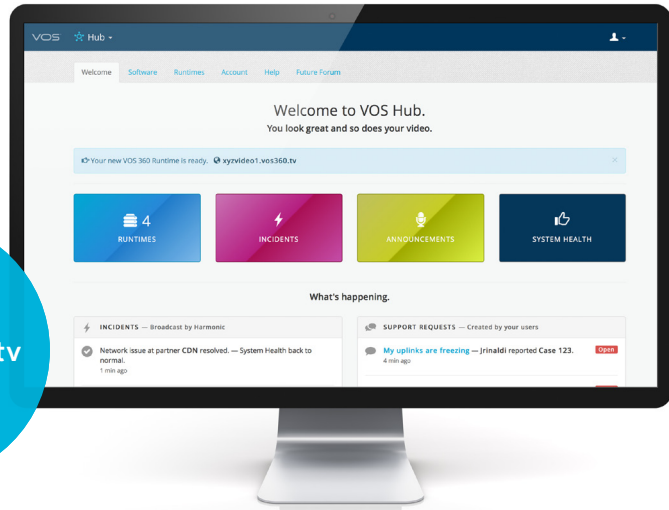


# VOS™ 360

CLOUD MEDIA PROCESSING SERVICE



**The award-winning VOS™ 360 solution from Harmonic transforms traditional video preparation and delivery into a comprehensive 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 VOS 360 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 by offering pay-as-you-go pricing, VOS 360 dramatically alters the economics of OTT content delivery.

The VOS 360 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, VOS 360 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.

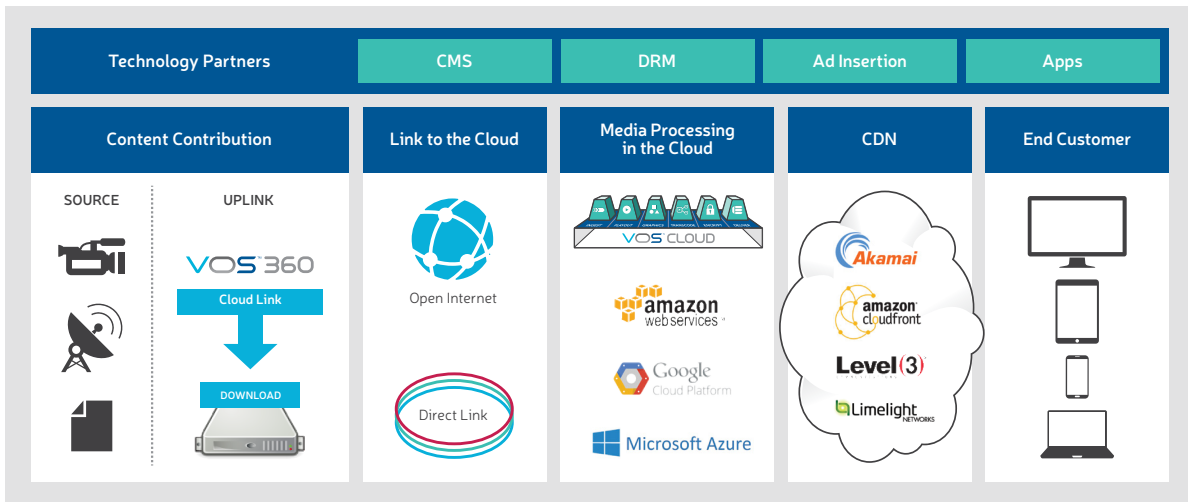
Transcoding on VOS 360 is performed by the Harmonic PURE Compression Engine™, an advanced, software-based technology that supports SD, HD and UHD formats and MPEG-4 AVC and HEVC codecs. The PURE Compression Engine utilizes Harmonic's market-leading expertise in video compression algorithms and multi-pass encoding to provide superior video quality at the lowest possible bitrates. 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, VOS 360 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 VOS 360 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.

## 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

VOS 360 ECOSYSTEM



VOS 360 CAPABILITIES

**Live Streaming**

Securely contribute live 24/7 services and events using the VOS 360 Cloud Link application. Prepare and deliver MPEG-DASH, Apple HLS and Microsoft Smooth Streaming directly to consumer devices via the VOS 360 infrastructure.

**Global Distribution**

VOS 360 delivers content directly to your consumers via a global CDN. The service provides management of local and global distribution policies, whitelisting and blacklisting.

**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.

**VOD**

Simply and securely contribute your existing VOD library, and use VOS 360 to prepare and deliver the catalog directly to your subscribers.

**Cloud DVR**

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

**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.

