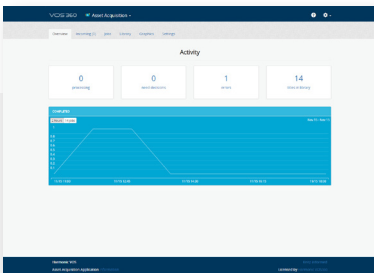# VOS® CLOUD-NATIVE SOFTWARE

MEDIA PROCESSING
MADE SIMPLE

The most advanced media processing and delivery software for private data centers.

VOS® Cloud-Native Software runs on a wide range of COTS hardware and virtualization layers to power the world's most demanding and complex playout, broadcast and OTT systems.
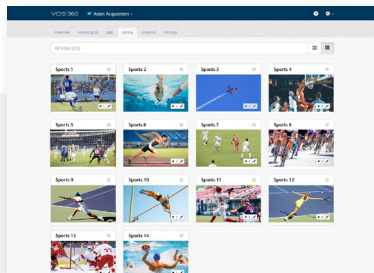
It's the ideal software solution, supporting millions of simultaneous streams, thousands of live channels, millions of VOD assets and hundreds of petabytes of storage and delivery.
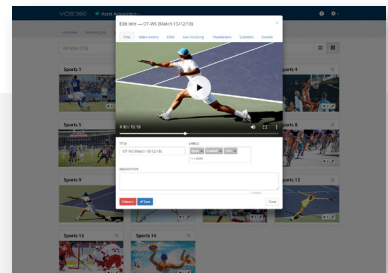
FROM SOURCE TO SCREEN

It's now simple to launch and manage end-to-end professional media workflows in your data center. You can ingest file or live content, including uncompressed video over IP. Create schedules, playout new channels and process all content for both OTT streaming and broadcast delivery, with ease.

QUALITY CORE COMPRESSION

The built-in and globally deployed VOS core compression technology gives you the power. With advanced AI compression you'll use half of the typical bandwidth needed in OTT systems. You can enrich the viewing experiences for live news, sports and still save on storage and delivery costs with exceptionally lower bit rates.

AGILE DELIVERY CAPABILITIES

You'll have unrivaled versatility with the most complete feature set. Deliver hybrid services from satellite broadcasting with full statmux capability to OTT streaming. You get live streaming, time shifting, network DVR, targeted ad insertion, packaging and origin on the fly, in one simple software platform.

PORTABLE FROM THE CORE.

The VOS solution is created from the ground up as a cloud-native software. It operates seamlessly on both private data centers and public clouds depending on your preference. The VOS Hub connection lets you move an entire video platform from a private data center to public cloud and vice versa, with ease.

ADVANCED ORCHESTRATION.

The orchestrator connects and synchronizes all microservices for every workflow. It abstracts and manages IT infrastructures using load balancing mechanisms to optimize the use of your resources and manage redundancy with minimum overhead. You can say goodbye the headache of siloed systems.

COMPLETE COMPATIBILITY.

The software is infrastructure neutral. It supports a wide range of COTS hardware and virtualization layers: Kubernetes, OpenStack, Openshift, and other bare metal configurations. This neutrality gives you the advantage so you can easily align with your IT and business preferences.

CLOUD-NATIVE SOFTWARE.

Built around docker containers and microservices, VOS uses Kubernetes orchestration. It offers a rich API set and a range of easy-to-use features accessible at any time through an intuitive user interface.

BACKUP WITH CONFIDENCE.

It's quick to backup your on-premise deployment in a public cloud environment. You can activate your backup in just minutes. Our customers commonly use periodic fire drills so the system is always ready to go on-air.

VOS SOFTWARE WORKS FOR YOU

- Launch broadcast and OTT everywhere TV services, fast.

- Brand and playout channels to millions of subscribers.

- Leverage targeted advertising to increase your return on investment.

- Expand your on-prem system in a mere instant using the public cloud.

PRICING
MADE FLEXIBLE

You get total agility. Using a pre-paid capacity model, you can shuffle spending at any time based on your business needs.

Easily shift your focus and resources from one sub-system to another: broadcast to OTT, HD to UHD, 24/7 channels to live events and transcoding to origin delivery. You have the freedom to decide, without the hassle of procurement. It's frictionless.

harmonic.

harmonicinc.com