

Converge Streaming and Broadcast Processing Workflows

In order to reach all screens, content and service providers often need to deliver their streaming and broadcast content through a combination of satellite, cable and terrestrial transport networks. Till now, the only way you could do that was by deploying multi-siloed processing workflows, which are not only hard to manage and scale, but also expensive to operate. A single software solution that converges your streaming and broadcasting content would be ideal. And that's what you get with Synamedia's Converged Headend.

Comprehensive Solution for Private Data Centers and the Cloud

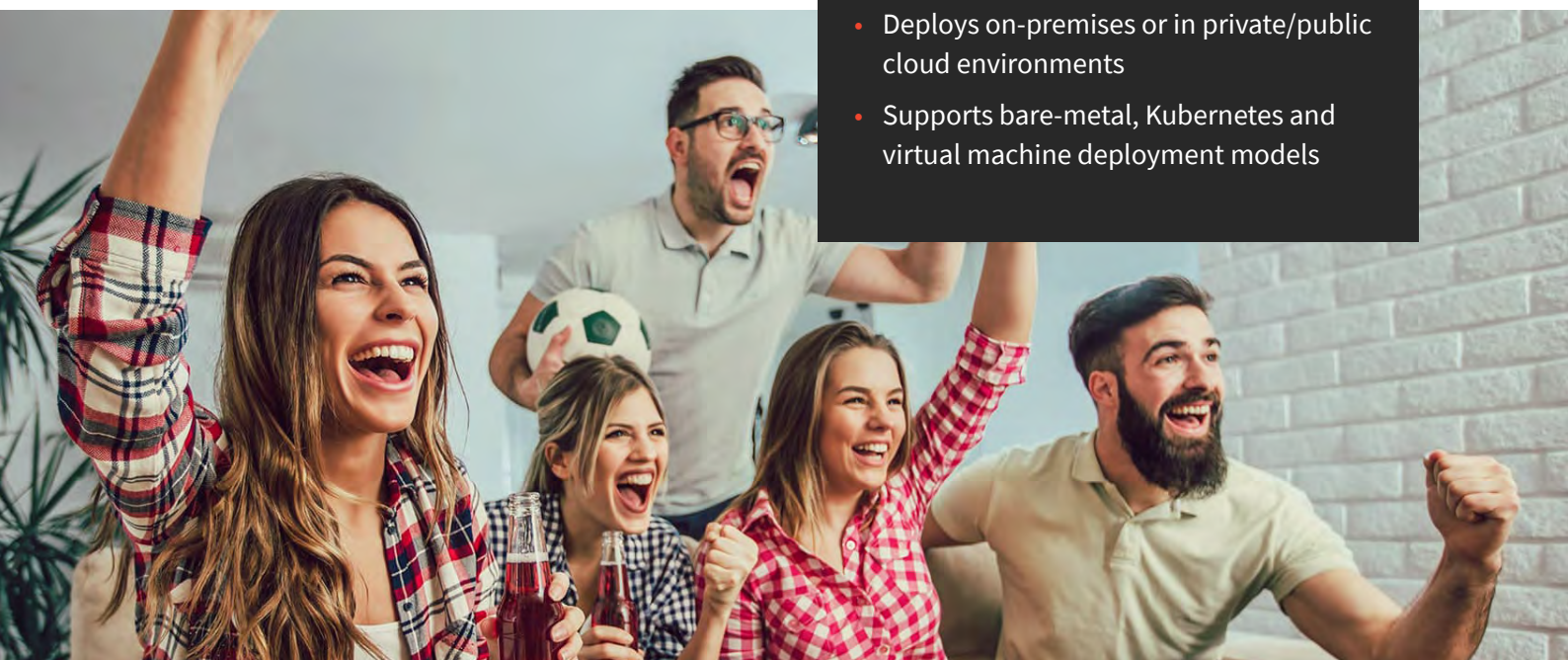
Synamedia's Converged Headend is a software solution that brings your media processing functions under one umbrella. The industry's only full-stack solution for unified management and orchestration, Synamedia's Converged Headend offers a single interface for integrating with any system supporting a variety of broadcast and OTT workflows. By maintaining single, end-to-end management over all your streams – including DTH, DTT and VOD – you can deliver any content to any screen at a lower operational cost.

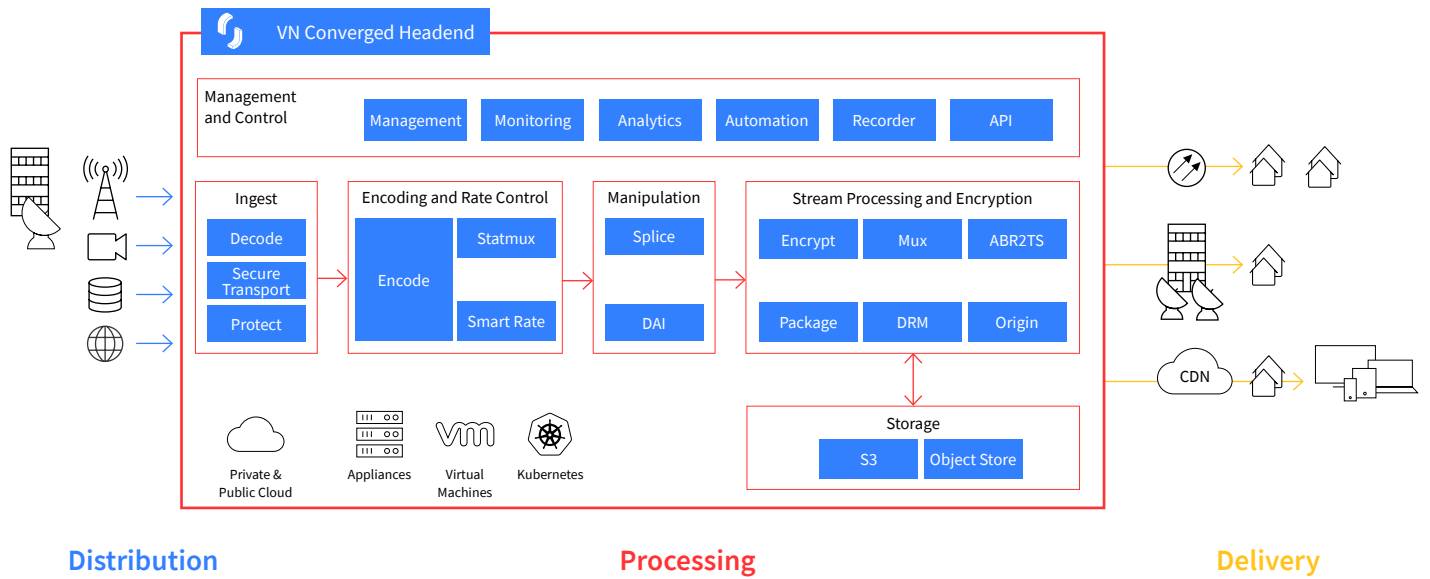
At the heart of Synamedia's Converged Headend solution is Synamedia's Digital Content Manager (DCM), the market's most complete software video processing platform. Optimizing all processing functions, the solution enables you to deliver true personalized experiences in pristine quality, while reducing bandwidth costs by up to 30%. Trusted, scalable and resilient, Synamedia's Converged Headend also offers award-winning high availability (HA) for any channel along with operational stability to ensure reliable, robust and efficient 24/7 processing.

Synamedia's Converged Headend is a cloud-agnostic solution allowing you to manage, host and maintain all processing functions in your private data center, in a public/private cloud, or in a hybrid configuration. Offering flexible deployment and business models, the fully automated solution slashes your channel time to launch from weeks to minutes so you can monetize quickly and boost value.

Highlights

- Features the industry's most complete video processing platform
- Delivers pristine video quality for broadcasting and streaming with Synamedia's VIVID Compression
- Offers unique full-stack unified management and orchestration
- Deploys on-premises or in private/public cloud environments
- Supports bare-metal, Kubernetes and virtual machine deployment models





Features and Benefits

Unify broadcast and OTT headend workflows

- Leverage a single platform to transport your streams over IPTV, cable, satellite, DTT and Internet networks
- Centralize all media processing workflows to deliver any content to any screen
- Deploy an industry-only full-stack unified management and orchestration solution to meet your SLAs

Operate with complete confidence

- Offer high availability (HA) for any channel to enhance your subscribers' experience
- Provide seamless failover and flexible redundancy schemes to overcome operational outages
- Combine with smart deployment to ensure reliable cloud operations

Monetize quickly and create greater value

- Fully automate your processing to reduce channel time to launch
- Utilize VIVID Compression technology with [Smart Rate Control](#) to increase bandwidth savings and video quality
- Consolidate all processing functions to optimize your storage costs

Fully leverage the power of the cloud

- Run workflows either on-premises or on cloud infrastructure to ensure smart, cost-optimal deployments
- Harness Kubernetes support to leverage user-friendly deployment environments

About Synamedia Video Network Solutions

Synamedia's video network solutions enable media, web and pay TV providers to deliver pristine-quality broadcast and broadband video securely over any network to any screen. Anchored by the industry's most comprehensive processing platform and built with high-quality standards, our solutions ensure outstanding performance and reliability for over 1,000 customers worldwide. Synamedia's solution portfolio covers the entire video network chain – from distribution, through processing, to delivery – enabling you to offer outstanding value-added and personalized experiences while saving costs.

Next Steps

Learn more about [Synamedia's video network solutions](#).

For more information, [contact us](#).