

Transition Gracefully to All-IP Distribution

With 5G knocking on the door, content providers and broadcasters are bracing for satellite spectrum reassignment by turning to IP- and cloud-based solutions. These solutions not only help you overcome looming spectrum challenges, but also open the door to new business and revenue models. To gracefully transition to next-gen ecosystems when the time is right, you need a cloud-native media distribution solution. One that gives you immediate availability and global reach. One that is easy to deploy and scale while optimizing your costs. One like Synamedia's Next-Generation Media Distribution solution, Quortex PowerVu.

End-to-end offering that secures your content distribution

Synamedia's cloud-based Quortex PowerVu and On-premise Solid PowerVu Next-Gen Media Distribution solution enables you to distribute your content securely and reliably to affiliates and virtual MVPDs over satellite, IP and CDN, or any combination thereof. Giving you full control and monitoring of your content flows and customer endpoints, be it cloud- or appliance-based, the end-to-end solution protects your content and source of revenue.

With Quortex PowerVu, you can enjoy the many benefits of evolving to IP distribution. Eliminate upfront costs and scale to pay as you grow. Enable instant availability and global reach to take advantage of new business models. And deploy disaster recovery options alongside on-premise deployments to maintain flexibility.

At the heart of Quortex PowerVu is Synamedia's virtualized PowerVu Network Center (vPNC). Dedicated to secure and manage content distribution, vPNC gives you affiliate-IRD management and control along with live event control for sports and PowerVu Insight IRD monitoring. The offering also features virtualized Digital Content Manager (vDCM) with best-in-class encoding, including HEVC, as well as PowerVu Professional Receiver, Synamedia's best-in-class receiver that supports HEVC and DVB-S2X.

Support diverse IP scenarios

When it comes to IP distribution, Quortex PowerVu offers secure and reliable content transport and redundancy in supporting various IP scenarios and architectures. In addition to vDCM and PowerVu Professional Receiver, the solution features Media Edge Gateway (MEG), Synamedia's software-based edge receiver.

Enabling content handoff in on-premises, cloud or hybrid deployments, the solution is also available with VN Cloud, Synamedia's fully managed cloud media processing service from source, through distribution, to edge.

Giving you the flexibility to deploy the right mix of uplink and delivery alternatives today while keeping your options open for tomorrow, Quortex PowerVu Next-Gen Media Distribution accompanies your path to all-IP delivery.

Highlights

- Ensures secure and reliable distribution of content over satellite and/or IP
- Provides full conditional access (CA), control and monitoring over all endpoints
- Offers best-of-breed cloud-native encoding, including HEVC, multiplexing and PowerVu encryption
- Leverages large global footprint of professional receivers
- Deploys on-premises or on private and public cloud infrastructures
- Comes with fully managed VN Cloud video processing service option



Features and Benefits



Gracefully transition your system, infrastructure and operations

- Seamlessly move from satellite to all-IP delivery to avoid future system forklift upgrades
- Phase your migration from on-premise to public/private cloud environments to scale flexibly and optimize costs



Easily integrate, operate and deploy best-in-class products

- Provide CA, control and monitoring to protect your revenue stream
- Harness Synamedia's DCM to ensure reliable transport across myriad IP scenarios and to guarantee pristine video quality
- Utilize in-house software-based edge receiver to monetize quickly and create more value



Benefit from cloud environment

- Enable instant availability and global reach to take advantage of new business models
- Eliminate upfront costs and easily scale to pay only as you grow
- Deploy disaster recovery options alongside on-premise deployments to maintain flexibility
- Utilize VN Cloud fully managed service to facilitate deployment and ensure peace of mind



Instantly expand your market

- Make your content available immediately, regardless of quantity, to grow quickly
- Leverage the cloud's global reach to make your content accessible anywhere in the world
- Target any location with effective internet connectivity to eliminate distribution challenges
- Deploy Synamedia's software solution while partnering with leading cloud providers to gain peace of mind



Optimize and lower costs

- Save on infrastructure and workforce costs to reduce CAPEX and OPEX
- Pay for actual video consumption to ensure highest cost efficiency
- Eliminate dedicated network links and satellite transponders to reduce total cost of ownership
- Utilize Synamedia's Compression technology to slash CDN and IP transport expenses by 30%



Reduce time to market

- Launch new channels in minutes, rather than months, to accelerate revenue flow
- Utilize a user-friendly, self-service portal to configure, operate and control your workflows



Leverage flexible scaling

- Avoid upfront capacity planning to transition to the cloud at the right scope
- Enjoy elastic resource allocation via your cloud infrastructure to grow at your own pace

About Synamedia Video Network Solutions

Synamedia is a leading global provider of video distribution, streaming, processing, and network delivery solutions for content owners and service providers. Our comprehensive, cloud-based SaaS and managed service solutions and software products enable customers to manage OTT media streaming and broadcast workflows, secure video content and services, and deliver premium user experiences across all screens. Leveraging expert know-how and 30-plus years of experience for over 1,000 customers worldwide, Synamedia helps video businesses launch, monetize and scale services across all devices to capture a greater share of the consumer video wallet.

Next Steps

Learn more about **Synamedia Video Network solutions.**

To book a live presentation demo or for more information, **contact us.**