

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. You need Synamedia's PowerVu Next-Gen Media Distribution.

End-to-End Offering that Secures your Content Distribution

Synamedia's PowerVu Next-Gen Media Distribution solution is an end-to-end offering enabling you to securely and reliably distribute your content to affiliates and virtual MVPDs over satellite and/or IP. Giving you full control and monitoring of your software and/or hardware receiver endpoints, the solution protects your content and revenue. It also supports multiple deployment models – be it on-premises, private cloud, or public cloud infrastructure – providing you with the flexibility to better navigate today's rapidly-evolving distribution environments.

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

When it comes to IP distribution, the PowerVu solution offers secure and reliable content transport and redundancy in supporting various IP scenarios and architectures. Along with the vDCM and PowerVu Professional Receiver, it features the Media Edge

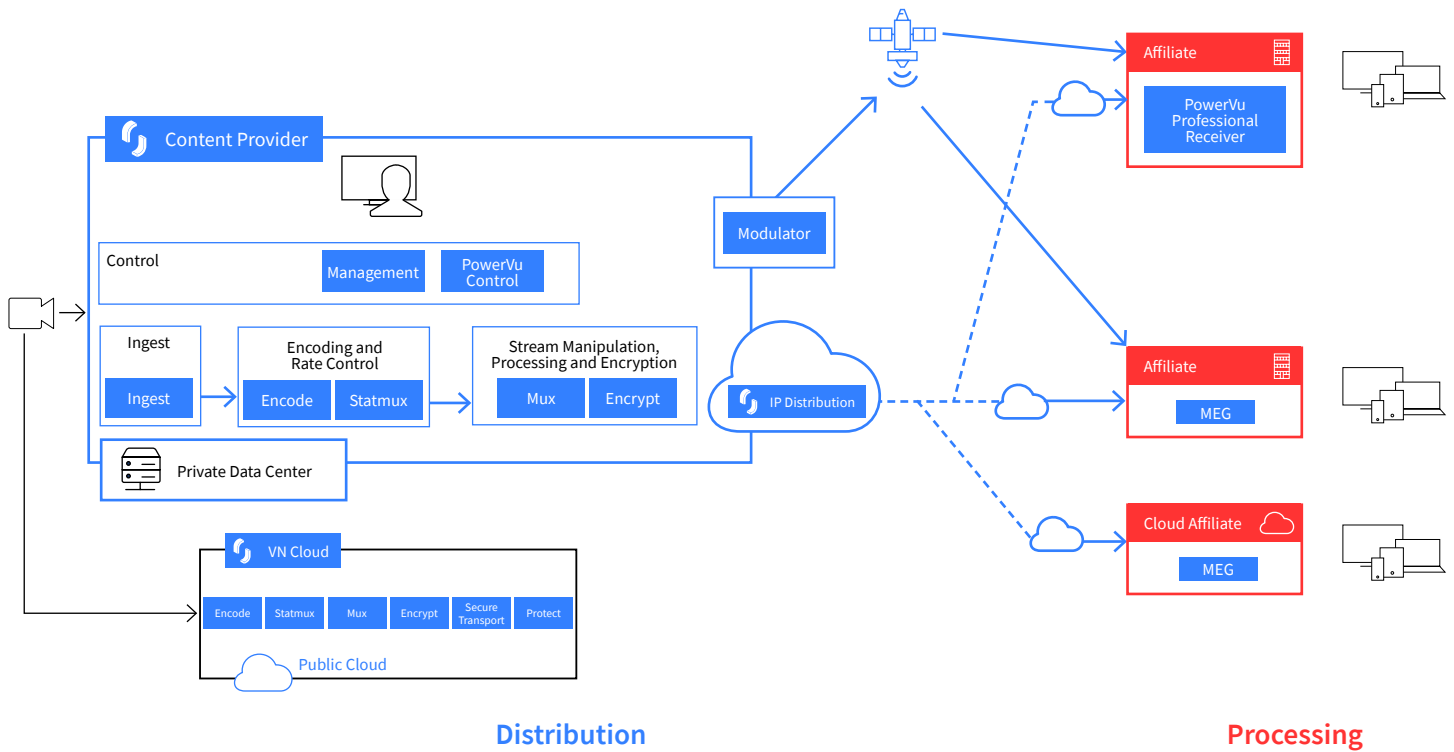
Gateway (MEG), Synamedia's software-based edge receiver. Enabling content handoff in on-premises, in-cloud or hybrid deployments, the solution delivers IP-cloud advantages. It is also available with VN Cloud, Synamedia's fully managed cloud media processing service from source, through distribution, to edge.

Giving you the flexibility to deploy the right mix of uplink and delivery alternatives today while keeping your options open tomorrow, 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-premises 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 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-premises deployments to maintain flexibility
- Utilize VN Cloud fully managed service to facilitate deployment and ensure peace of mind

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](#).

To book a live presentation demo or for more information, [contact us](#).