

# BUILDING PRIVATE CLOUDS FOR MEDIA SERVICES

## Accelerating Video Service Adoption with Cloud DVR Solutions with Anevia and Dell EMC

### ESSENTIALS

- Robust and scalable Time-shift TV architecture that supports restart-TV, catch-up and nDVR services,
- True Multiscreen support: on-the-fly and on-demand packaging support multiple protocols
- Future-proof contents for any current and coming devices
- Fast multiscreen service deployment
- Reduce storage, bandwidth and caching ratio with an innovative media recording technology
- High concurrent access and the use of solid-state drives (SSDs) for metadata and file-based storage workflows

### REINVENTING TRADITIONAL DELIVERY INFRASTRUCTURES

Communication, Media and Entertainment companies are trying to gain greater insight into their businesses, products, services, and customers to gain competitive advantages. A private cloud infrastructure to provide live streaming and recording capabilities can make the difference in terms of media services and valuable business models.

With Cloud DVR, users can now record live channels with no limitations on number of channels or length of programming. Building personal media libraries in the operator's cloud has become easy, which strengthens the provider-customer relationship. Since content remains on the network at all times, users can access it anywhere, at any time, and from any device.

### FUTURE-PROOF TECHNOLOGY FROM ANEVIA

Anevia has pioneered the development of Cloud DVR and multiscreen solutions that give TV viewers the freedom to watch whatever they want, whenever they want and wherever they are. Anevia allows operators to reduce storage and bandwidth usage by making Content Delivery Networks (CDNs) and head-ends more efficient.

Anevia brings forth a solid expertise in network video delivery (IP, caching, load balancing), video broadcasting (DVB, MPEG) and video formats (HLS, Smooth Streaming, HDS, MPEG-DASH). The company provides scalable, flexible and high-performance platforms to support any number of subscribers, channels or services. Anevia solutions also integrate with any third-party encoder, content delivery network, DRM system or storage system.

Agile and future-proof by design, Anevia infrastructures are able to scale and adapt quickly to support new technologies. Anevia and Dell EMC have joined forces to enable organizations to build scalable distribution infrastructures that meet the performance requirements of high definition media streaming, while enabling new non-linear content distribution models such as Cloud DVR.

### ANYTIME, ANYWHERE, ON ANY DEVICE

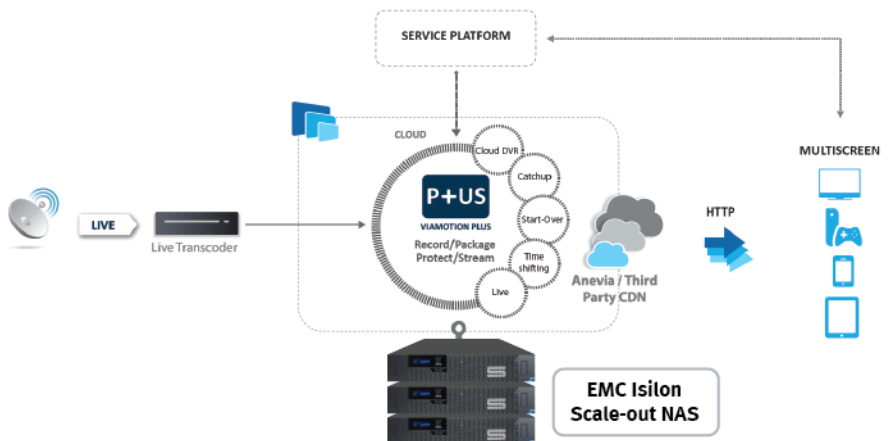
Anevia's ViaMotion is a complete multiscreen Over-the-Top (OTT) video solution for telcos, broadcasters, and content owners. Designed to empower next-generation Cloud DVR and multiscreen solutions, Anevia's OTT solution includes the Viamotion Plus server for multiplexing and streaming live on-demand content over the Internet using adaptive-bitrate streaming.



ViaMotion offers a unique way to reduce storage and reach the CDN caching ratio required to optimize Cloud DVR infrastructure investments. Event-based, instant-based or time-based, content never gets duplicated. Sparse channel provides excellent response time for streaming Cloud DVR assets. In a shared copy model, several users can record the same event on the same channel, with different start and end times: the event will be stored once, with each user being granted a single asset view. In a Unique copy model, Viamotion creates assets private for each users, and can perform recording and streaming simultaneously.

Viamotion enables a truly personalized DVR experience, embracing a complete set of TV user experience capabilities on any screen, anywhere, and anytime:

- Pause TV – Ability to pause and restart watching a currently-airing program without losing any sequences
- Startover – Ability to start watching a currently-airing program from its beginning without requiring the subscriber to pre-record it.
- Catch-Up TV – Ability to go back in time through the guide and select and watch programs that have already been aired
- Cloud DVR – Ability to offer a complete set of DVR features to any STB (non-DVR) as well as any new devices by storing the content in the network. Subscribers can also switch between devices while watching content.



## ABOUT DELL EMC

Dell EMC Corporation is a trusted leader in media and entertainment storage for content creators, broadcasters, and content delivery providers. Dell EMC storage forms the foundation of a simple and future-proof infrastructure, giving you the agility to transform business operations, and the flexibility to adapt to new media workflows. Through innovative products and services, Dell EMC accelerates creation and monetization of media, helping media professionals store, manage, protect, and analyze their most valuable digital media assets.

Build your story on Dell EMC.

### CONTACT US

To learn more, contact your local representative or authorized reseller.



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