

VIAMOTION

Carrier grade IPTV, Internet and mobile video servers

ViaMotion is a complete product range of modular triple screen (3Screens) video servers addressing the variety of configuration for fixed line, content providers or mobile operator's networks. ViaMotion main attribute consists in a high degree of mutualisation of streaming resources, a single point of delivery to end-user independently of the service type and the considered device.

4 scalable packages:

- ViaMotion C series for convergent video delivery over internet, IPTV and mobile (including Wifi, Femtocell and 3G)
- ViaMotion I series for internet based content delivery to PC
- ViaMotion M series for mobile only over 3G network
- ViaMotion T series for delivery to TV and PC over IP networks

All single-screen servers are upgradable to 3Screens delivery. Network management, content distribution and advertising implementation are completed by ViaManager, ViaPlanner and ViaAds product modules.



Key benefits

COMMON FEATURES

- 3Screens application suite: nPVR, Time-shift/Pause, circular buffer, VOD, Catch-up, Playlist, Interactive video commands
- Ad-Insertion server (Option)
- NAS, SAN and DAS storage
- API to Middleware and third-party applications (like gaming)
- Mutualized streaming capacity
- High availability and load balancing through ViaManager
- Extended installation options

ECOSYSTEM INTEGRATION

- Interoperability with 25 set-top box manufacturers
- Open interfaces and processes to any market device upon request
- Interoperability with over 50 suppliers of middleware, encoder, CAS/DRM...
- Open and ecosystem agnostic strategy
- Open API for easier integration

ViaMotion product range

3SCREENS SERVERS

ViaMotion 100, 250, 500C up to 12 000 concurrent streams, up to 10 TB storage, for POP streaming

ViaMotion 1000C up to 30 000 c.streams, up to 1 PB

SINGLE SCREEN SERVERS

ViaMotion 1000I scalable from 10.000 to 500 000 internet concurrent streams per cluster, up to 1 PB

ViaMotion 1000M up to 1 million mobile concurrent streams per cluster, up to 10 TB storage

ViaMotion 1000T up to 100 000 concurrent streams per cluster

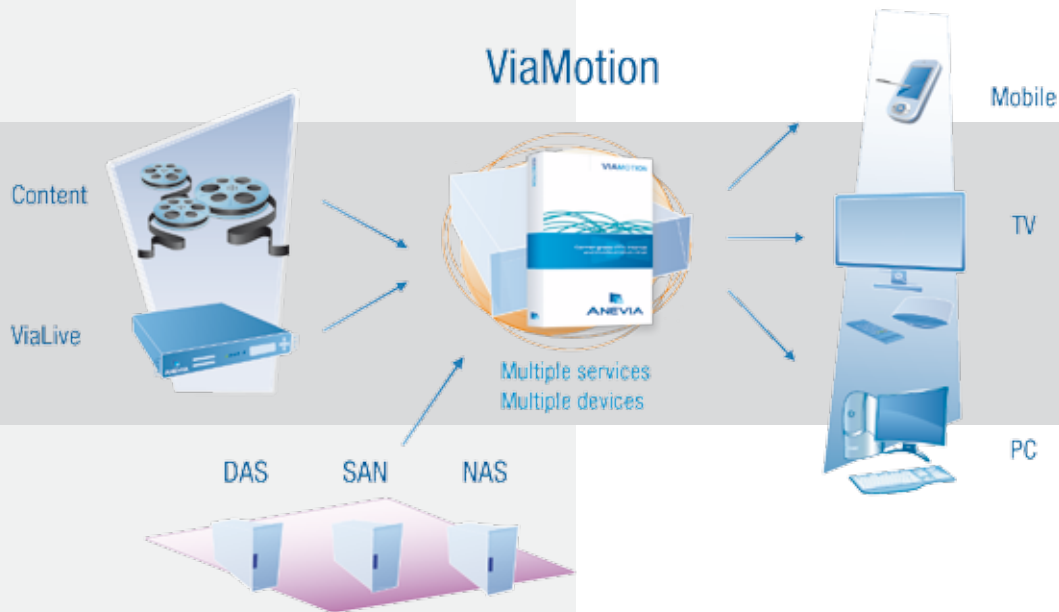
Management modules

ViaManager: high availability, load-balancing & network management

ViaPlanner: content distribution & reporting

ViaAds: ad campaign preparation & management

Architecture



Technical specifications

- Operating System: Anevia Flash System (Linux based)
- Recommended Hardware Platforms: HP DL Series, IBM xSeries
- Streaming Control Protocols: RTSP, RTCP
- Streaming Data Protocols: UDP, RTP/UDP, real RTP (3gp & mp4)
- Codecs Support: MPEG-1 video, MPEG-1 Layer 3 audio (mp3), MPEG-2 (TS), H.263 (3gp & mp4), MPEG-4 (3gp & mp4), H.264 (TS and mp4)
- Streaming Modes: Unicast, Multicast
- Bit Rate Support: 64 Kb/s to 25 Mb/s
- Trick Mode Support: All speeds up to x128 through Anevia trick index technology
- Content Management: Metadata and video asset management
- Access Modes: FTP, MPEG-2 TS and RTP recording, Multicast upload, Anevia Uploader
- Available services: live capture and broadcast, scheduled broadcast of stored video, Playlist support, circular buffer
- Supported Storage Modes: DAS, SAN (iSCSI), NAS (NFS)
- System Monitoring: SNMP v2 and Syslog compliant
- System Administration: Web-based and through ViaManager suite

For more information, visit: www.anevia.com
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