

# VIAMANAGER

## Scalable and carrier grade manager for millions of subscribers

Increasing movie library and TV channels number, traffic peak with blockbusters, customer's consumption steady growth... the evolution of VOD and live TV lead to increased complexity of head-ends.

In this respect, service providers and operators need new management solutions, able to offer a highly scalable, continuous and reliable service, along with admin-friendly management interfaces.

As a cornerstone of the management of video service infrastructure, ViaManager addresses the issue of scalability, redundancy and high availability (5 9') as well as monitoring regardless of users number and content size. ViaManager is declined in two ranges for carrier-grade on-demand and live services administration. As the core system of Anevia's 3Screens solution, it provides all best-in-class management features for the most demanding telco.



## Key benefits

### ON DEMAND

#### CARRIER GRADE LOAD-BALANCING AND REDUNDANCY

- Intelligent request repartition between servers is performed depending on load, geography, bandwidth, coding format...
- Automatic spare servers reconfiguration in case of malfunction or disk failure of a server

#### EASY INTEGRATION WITH OTHER ADMINISTRATION SOLUTION

- Main alarms protocols: SNMP, XML, HTTP
- Main administration protocols: SSH, HTTP, XML

#### EFFICIENT ADMINISTRATION AND MONITORING

- Real-time monitoring web interface
- Wide alarms range: SNMP, HTTP, XML
- Centralized interface

#### EXCELLENT SCALABILITY DESIGNED FOR MILLIONS OF SUBSCRIBERS

- Hybrid, centralized and distributed POP management
- Easy service extension

### LIVE

#### CARRIER GRADE MONITORING AND LOAD BALANCING

- ViaLive equipment monitoring
- Streaming probes to analyze output streams in real-time
- ViaLive equipment farm definition and administration

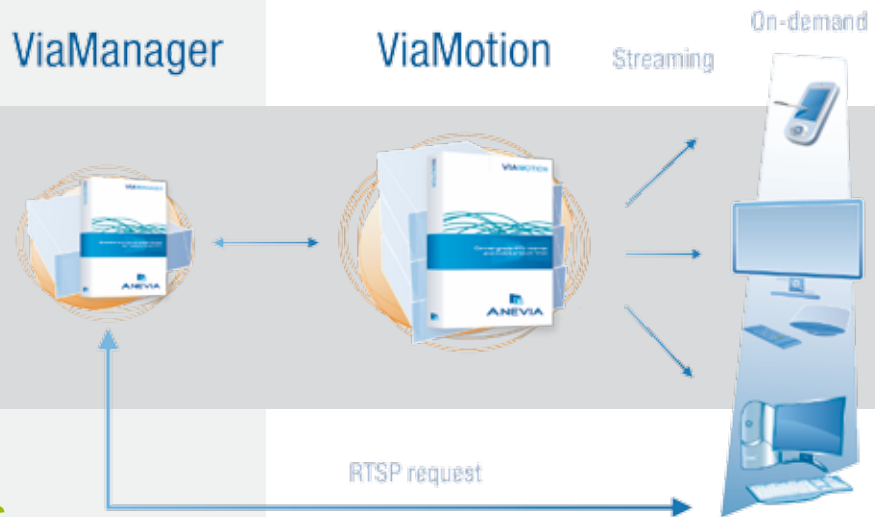
## Applications

- 3Screens application suite
- Remote administration and monitoring through API
- Billing access control with middleware
- High availability for Anevia ViaMotion back-end
- Real-time analysis and fail-over on Anevia ViaLive head-end

## ViaManager product range

For Anevia	
ViaManager Live	ViaLive
ViaManager VOD	ViaMotion

## VoD architecture

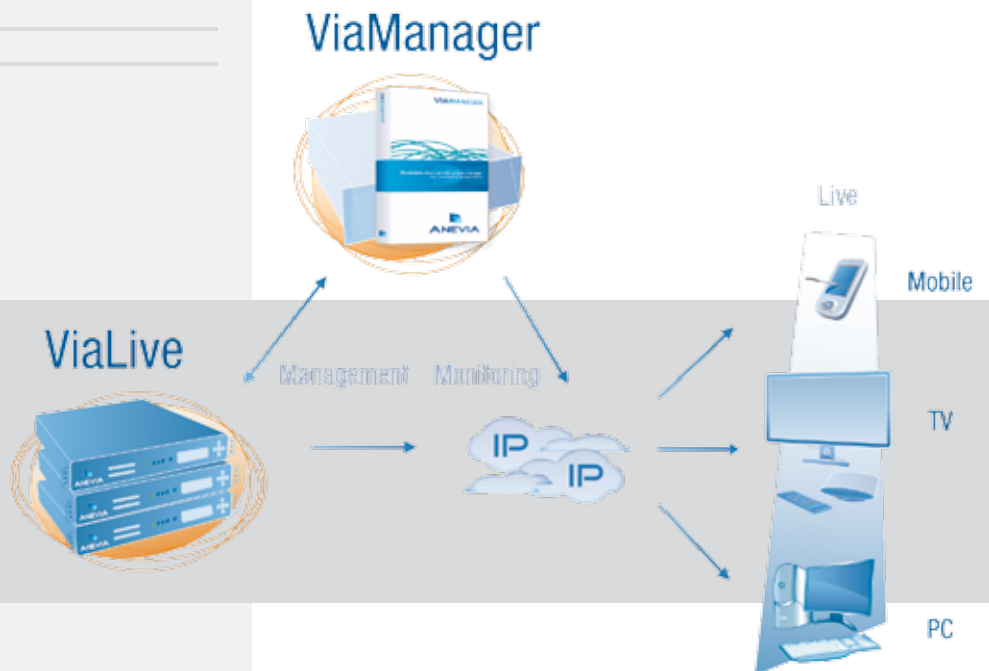


## Product specifications

### TECHNICAL SPECIFICATIONS

- Operating System: Anevia Flash System (Linux based)
- Recommended Hardware Platforms: HP DL Series, IBM x Series
- Protocols: SSH, HTTP, XML
- System Monitoring: SNMP v2 and Syslog compliant
- System Administration: Web-based
- Monitored solutions: ViaMotion, ViaLive and ViaFit

## Live architecture



For more information, visit: [www.anevia.com](http://www.anevia.com)  
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