



VIALIVE Reflector



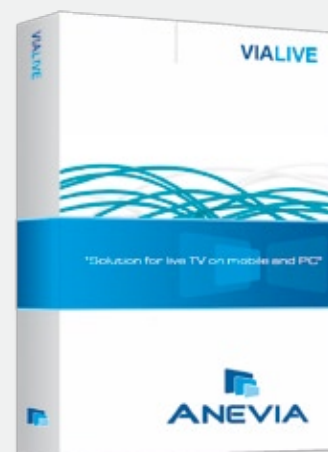
Solution for live TV on mobile and PC

New ways to watch TV have emerged: on the web (web TV) and on mobile phones (mobile TV).

On the one hand, thanks to wider mobile screens and the introduction of 3G+/HSDPA, mobile phones can now offer a friendly and comfortable TV viewing experience. On the other hand, the growth of available Internet bandwidth and the improvement of video streaming technologies provide users with a good quality TV viewing experience on PC screens.

With a market of several hundred million users expected in the next few years, mobile and web TV markets are addressing new customer's needs like seamless multi device TV viewing or TV access anytime, anywhere.

Anevia has designed carrier grade solutions enabling TV distribution over 3G and the Internet. At the core of Anevia's 3Screens solutions, ViaLive Reflector is the key component for scalable and reliable Live TV distribution to mobile and Internet connected devices.



Key benefits

MOBILE TV FEATURES

- Synchronisation over 2 streams (Femtocell, UMA phones)
- Distribution of unlimited encrypted or free to air mobile channels to mobile phones
- High scalability with seamless channels integration

WEB TV FEATURES

- Protocols: UDP, RTP & tunnelling (TCP, HTTP, HTTPS), interleaving TCP
- Distribution of unlimited encrypted or free to air TV channels to computers
- Translation from multicast to unicast mode, unicast to unicast, unicast to multicast

COMMON FEATURES

- Automated monitoring through ViaManager suite
- High scalability with seamless channels integration

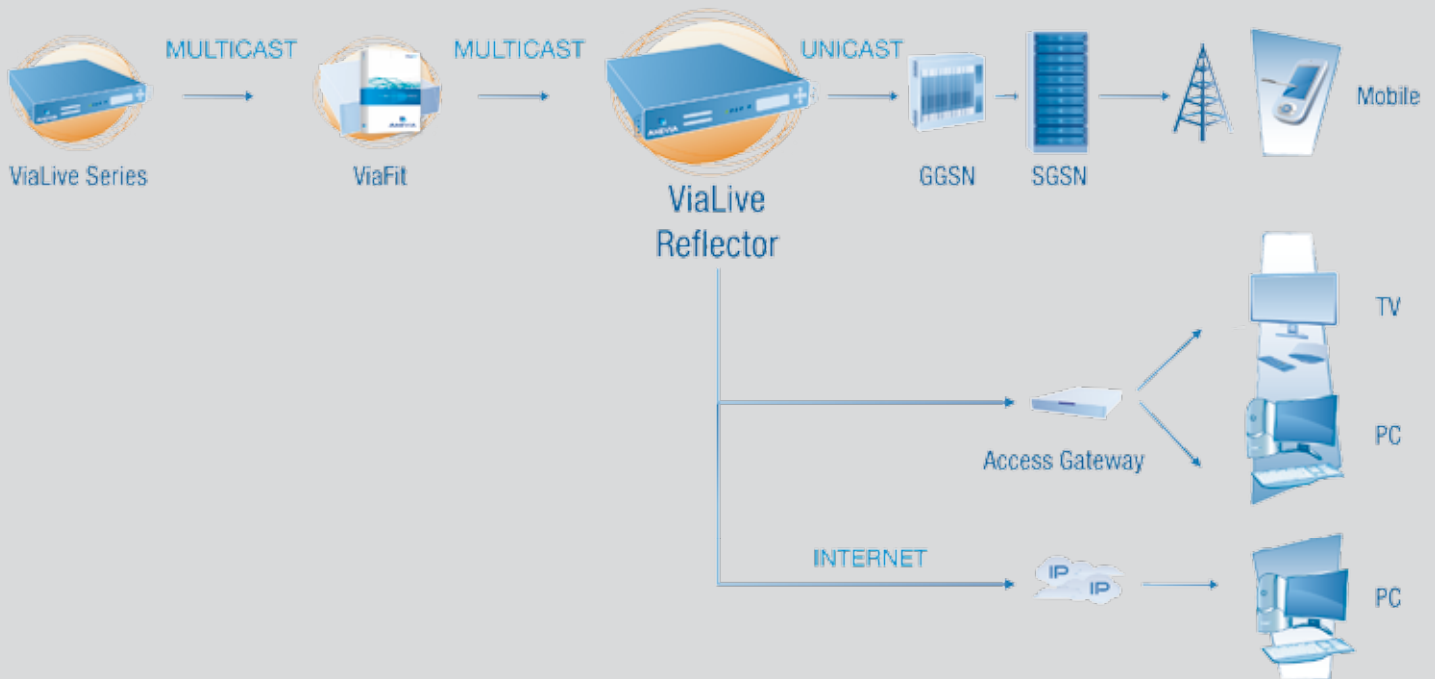
Applications

- Distribution of live TV to mobile over 3G network
- Distribution of live TV to PC over Internet or IP
- Catch-up TV and nPVR with ViaMotion suite

ViaLive product range

Role
ViaLive 220 Series DVB to IP gateway
ViaLive Reflector Distribution to mobile & PC

Architecture



Product specifications

TECHNICAL SPECIFICATIONS

- Operating System: Anevia Flash System (Linux based)
- Recommended Hardware Platforms: HP DL Series, IBM xSeries
- Protocols: UDP, RTP & tunneling (TCP, HTTP, HTTPS), interleaving TCP for mobiles
- Usage: Multicast to Unicast, Unicast to Unicast, Unicast to Multicast
- 2 streams synchronization for UMA phones and Femtocell equipment
- Redundancy for multicast to unicast mode
- Load balancing for unicast to multicast mode
- System monitoring: SNMP and Syslog
- System configuration: Web based and XML

For more information, visit: www.anevia.com

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