

iPTV Solution

RetroVue® Application Server

Digital Video Stream Controller and Set-Top Application Server

The GoBackTV RetroVue Application Server manages and monitors the entire RetroVue system, including scheduling video streams, dynamically configuring edge QAMs, monitoring system components and initiating failure switchover when necessary.

The Application Server provides switching path coordination for the StreamCache™ high-ingestion video servers and the GigaQAM® edge QAMs.

In addition, it stores user settings and preferences and provides application processing of remote-client set-top functionality for up to 2000 RetroVue users.

With the Element Manager software module, the RetroVue Application Server can also provide a GUI-based interface to manage and monitor RetroVue elements.



Key Features and Benefits

Features	Benefits
Manages and directs video throughput	Coordinates the storage and the retrieval of RetroVue/ timeshift / VOD streams for up to 2000 users.
Web server for set-top applications	Reduces the cost of the STB by eliminating costly middleware, while still providing common set-top applications such as a Program Guide.
Implements RetroVue feature set control	Facilitates high value digital video services such as time shifting, nPVR, personal play lists, and customized advertising. Reduces the cost of the STB by eliminating the need for a DVR in the set-top.
SQL database	Enables support of per-subscriber preferences, as well as fine-grained data collection.
Flexible rules engine	Provides a time-based, subscriber-based, and content-based application of access rules.
Web-based monitoring and management	Convenient HTML management interface offers alternative access to configuration and monitoring tools.

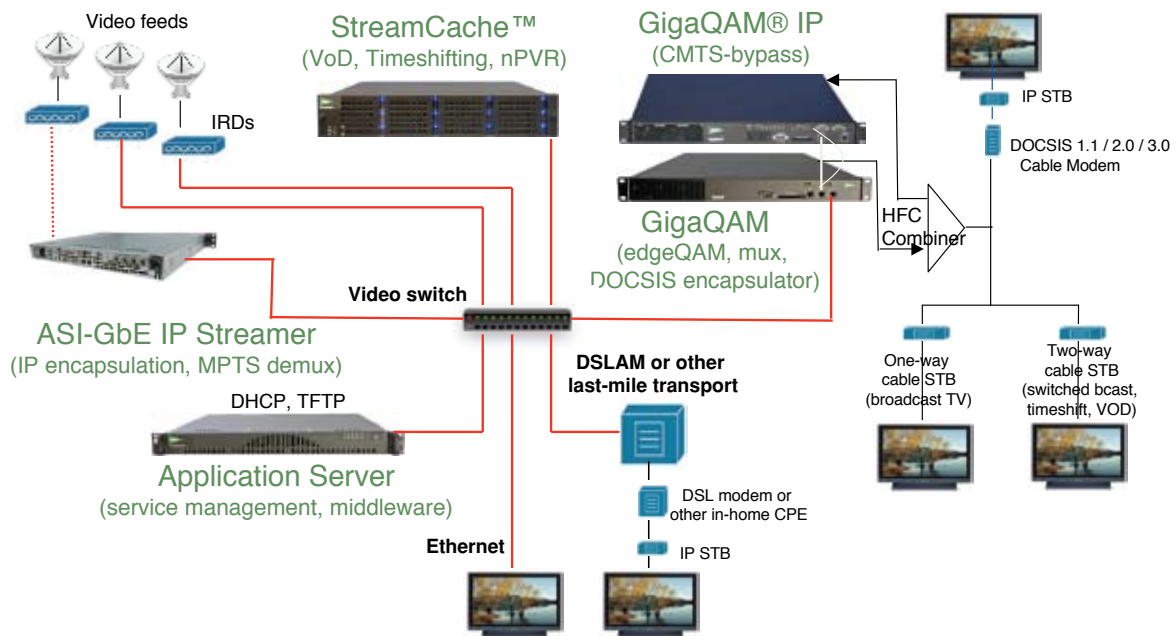
RetroVue® Application Server

Specifications

Data/Service Interface	1 port Gigabit Ethernet 10/100/1000Base-T (RJ-45) IP/UDP, IP unicast/multicast
Processing	Co-ordination of stream storage and playback Co-ordination of stream switching MyRV Portal support
Control Interface	1 port Gigabit Ethernet 10/100/1000Base-T (RJ-45) : Management/Telnet
Power	Input voltage: 100-240 VAC Power consumption: 200W max
Environmental:	Operating temperature: 0 to 35° C Humidity: Maximum 90% (non-condensing) Storage temperature: -40° to 70° C
Dimensions	4.4cm H x 42.6cm W x 35.8cm D 19" rack-mountable (1RU high)

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RetroVue System



C-COR Broadband is an independent provider of integrated broadband carrier-grade products and accessories from best-of-breed vendors



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