

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 StreamCache™ high-ingestion video servers and 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/ time shift/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 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.

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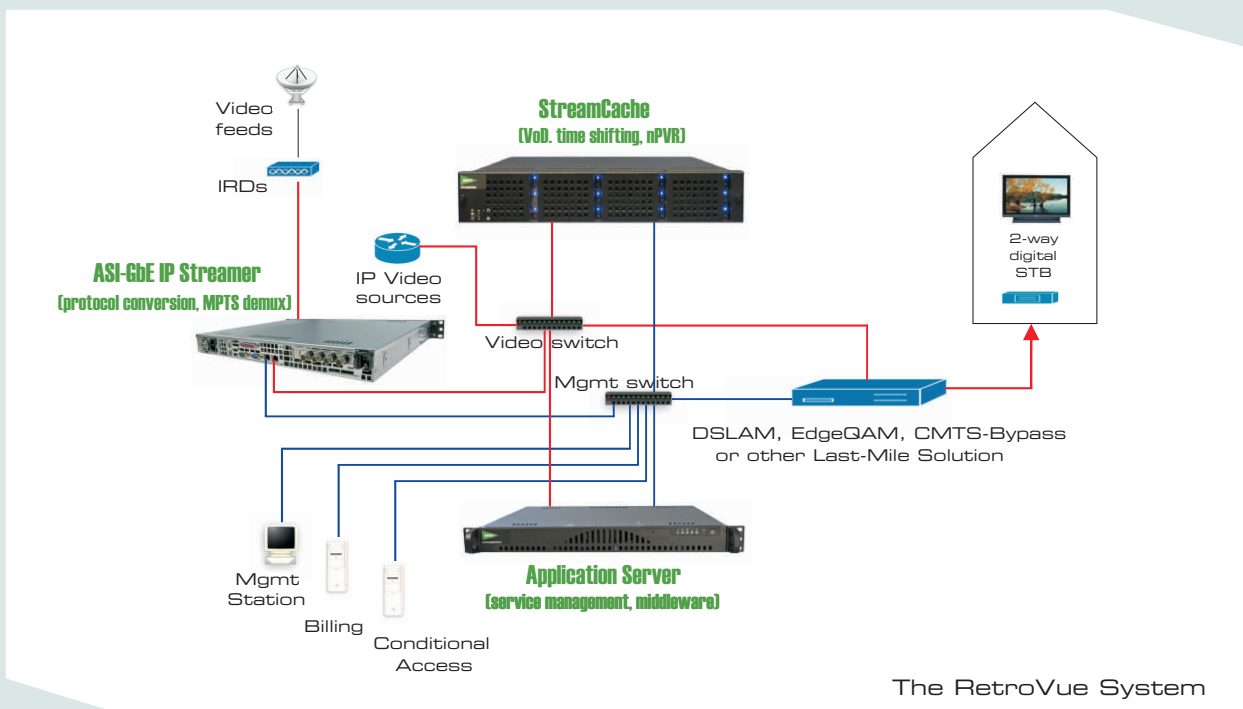
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RetroVue® Application Server - Specifications

Data/Service Interface	1 port Gigabit Ethernet 10/100/1000Base-T (RJ-45) IP/UDP, IP unicast/multicast
Processing	Coordination of stream storage and playback Coordination 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	1.7" H x 16.8" W x 14.1" D / 4.4cm H x 42.6cm W x 35.8cm D 19" rack-mountable (1RU high)

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Order Information

RS2000R: RetroVue Application Server chassis, RoHS compliant
 LIC-RS0080: RetroVue Application Server Hospitality software license, 250 users
 LIC-RS0090: RetroVue Application Server Hospitality software license, 500 users
 LIC-RS0100: RetroVue Application Server Standard software license, 1000 users
 LIC-RS0150: RetroVue Application Server Standard software license, 2000 users
 LIC-RS0300: RetroVue Element Manager software license

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