Antik IPTV Management Server

The power of Antik Technology!

Antik Technology presents professional cost-effective SW solution for seamless management of your Antik set-top box network. Antik IPTV Management Server is cornerstone of Antik Middleware Server Family. You can easily define your channel packages, configure all or selected customer’s STBs, collaborate with other part of Antik Server family such as Antik Archive Servers, AntikMosaic Servers or VoD servers. Management Server SW can be easily connected to your billing or customer care application so your user’s set-top boxes can be automatically activated and monitored using same software your employees are familiar with. Don’t hesitate to request a licensing offer specially designed for your IPTV project.

Key features

- Simple channel and channel packages management
- Full remote control of set-top boxes and remote restart features (even on public internet)
- Remote set-top box firmware update
- Electronic Programme Guide database management and seamless EPG content import
- Integrated with other components of Antik Server Family
- STB management and user database
- Viewer statistics (users, channels, time,...)
- SNMP Communication Support
- Instant messaging to STBs
- Antik headend components control (IRD, transcoders, ...)
- VOD management
IMS Administration

STB

Manage STBs in your network easily with powerful management interface. Monitor wide variety of parameters of each box. Superior statistics module brings detailed statistic overview of active STB, active viewers and other vital information. Manual STB / user registration and channel pack allocation. Automatic XML data import from billing, which handles package expiration, package block or notice the STB user.

Detail

**Packages**
- Add channel packages to selected set-top box. Set package validity.

**VLAN info**
- STB embedded switch can be controlled from here.

**Groups**
- Add selected set-top box to the group of STB's. Each set-top box can be added to specific group. STB’s in this group can be controlled all together, so admin doesn’t have to change settings on each set-top box separately.

**Remote control**
- List of command buttons, which can remotely control set-top box. It is functional also behind NAT (router).

**Status**
- List of last activity on the set-top box, admin can see for example what was user watching before some error occurs.
Channels management

Managing channels and packages has never been easier. Channel and package manager allows you to configure parameters of TV, Radio and LiveCam streams in your network, or enable advanced statistic features. Channel source by URL (UDP, RTP, HTTP, HLS) can be easily defined. Global volume level correction in case of uneven audio sources.

Filter – admin can search channels by various categories, so searching subject can be found without long searching.

Categories (tv, radio, cam) – streams can be divided depending on media – TV streams, digital radios, city (or security) cameras.

Receiver inventory – overview of channels assigned to specific receiver

Channel Details

Edit the channel’s details, properties, channel’s icon and much more. Simple channel packages creation and adding management, channel sources management, video and audio codecs management and more.

In this section admin can add channel logo for IMS and also logo will be displayed in the STB GUI menu of end user. Parental control flag to manage adult content.
**EPG management**

EPG database import module is a great tool to transform EPG from XML TV data formats into Antik Server Database. Movie title, genre, long description, time, image cover supported. XML TV format supported for seamless program metadata import to system. System automatically downloads new data and checks consistency. Same data are used for STBs and mobile apps.

**Hybrid multicast + OTT operation in same box**

Same STB, same FW - working on internet and closed network. Unique Antik SW development - STB can automatically recognize, if it is connected to closed network or public internet. Same channels can be set in both scenarios so end-user can streamlessly nomade between OTT and multicast worlds.

**Recommended config:** 2xIMS, Antik Live Streamer, Antik Transcoders.

**Users activity stats**

Detailed IPTV usage stats. Channels, programmes, box, PAL/NTSC, PIP, aspect ratio, resolution, restarts, FW versions, etc.