

IPTV Broadcaster Package

Features

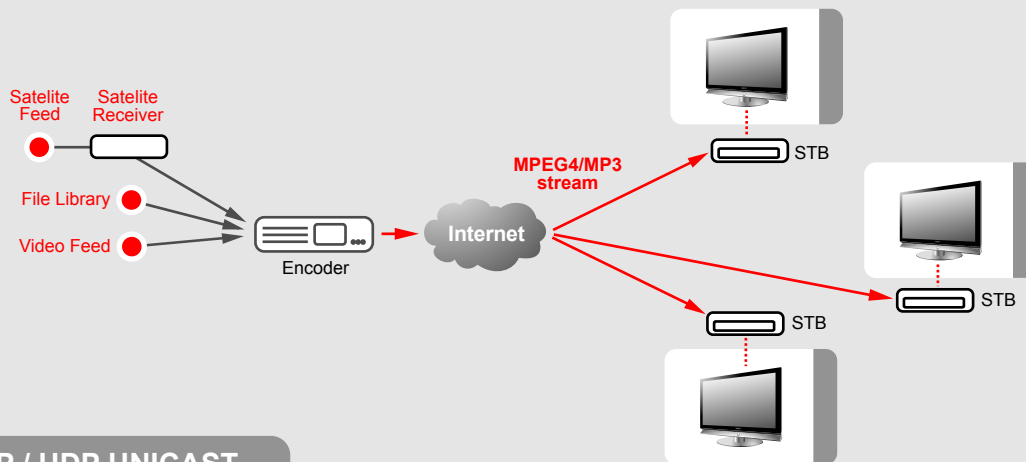
- Low price and simple configuration
- Support for unicast digital broadcast
- Support for multicast digital broadcast
- Advanced STB functionality
- Support for both SD and HD definition formats
- Support for online TS/ASF/MOV/WMV/AVI/MMS video content

Business Case

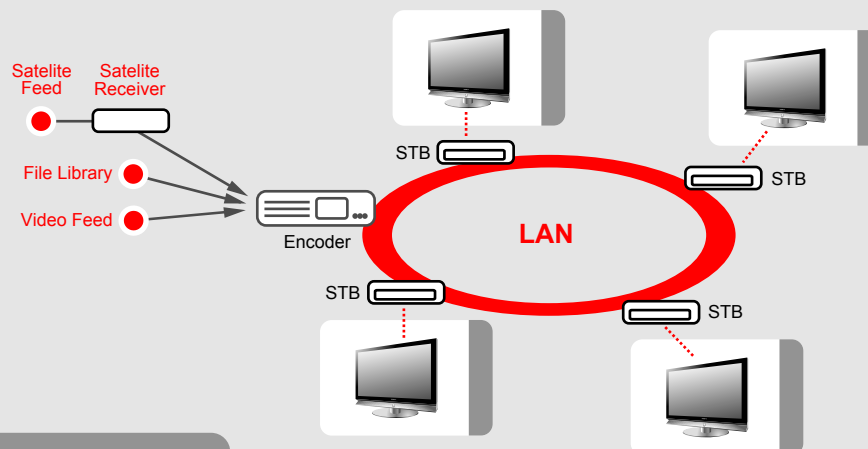
Non-Profit Organization is looking to broadcast specialized content to a limited number of subscribers. The broadcast solution should support unicast connections and does not require authentication or subscriber billing.

Technological Solution

SysMaster offers the Broadcaster IPTV package that allows any organization to broadcast content over the Internet using a single channel encoder and multiple STB devices. The devices connect directly to the encoder and subscribe to the video/audio broadcast stream over the Internet. If necessary the devices can also subscribe to the local IPTV encoder that uses multicast video stream to send signal to Private network subscribers.



HTTP / TCP / UDP UNICAST



UDP MULTICAST

IPTV Broadcaster Package

Low price and simple configuration

The Broadcaster package includes one channel SD video encoder and 50 Tornado M50 STB devices. The devices can be configured to connect to one or more video encoders and retrieve online digital media stream. The setup is extremely easy to implement and will take less than a day to deploy.

Support for unicast digital broadcast

SysMaster Broadcaster IPTV package supports unicast data transmission whereas the Tornado M50 devices can connect to many encoders located on the Internet and retrieve digital media stream. The configuration is easy to implement, and the only limit is the bandwidth available to the STB devices or the encoder.

Support for multicast digital broadcast

SysMaster Broadcaster IPTV package supports multicast digital media transmission to allow one encoder to supply feed to unlimited number of Tornado M50 devices in a multicast TS format. The Tornado M50 devices will capture the digital stream from multiple multicasting encoders on a Private network. The only limitation is the network structure (must support IGMP) and the available bandwidth. This model is suitable for local IPTV providers with good quality networks.

Advanced STB functionality

Tornado M50 supports advanced STB functionality to work either in large scale IPTV infrastructure using Content Management Server as well as small IPTV distributed networks. The device allows automated provisioning that can allow remote centralized management. At the same time subscribers can define stream locations to access streams that are distributed and that do not require Content Management Servers.

Support for both SD and HD definition formats

SysMaster Broadcaster IPTV package supports both Standard Definition and High Definition broadcasting formats. The only limitation is the network availability and the connection type. For unicast connections only the SD broadcast is supported, while for multicast networks the HD broadcast is an option.

Support for online TS/ASF/MOV/WMV/AVI/MMS video content

SysMaster Broadcaster IPTV package supports different video content delivery encoding options to allow universal media broadcast. The Tornado M50 will connect to various sources of digital media stream and display them with good quality.

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