

# IPTV Multiplexer

## IPTV Solution

### Features

- Supports up to 16 input IPTV channels
- Supports various input formats such as HTTP, FLV, TS, UDP, TCP, RTSP, RTMP
- Supports mosaic real-time output channel
- Support output format such as HTTP, TS, Flash, HLS/DVB-H

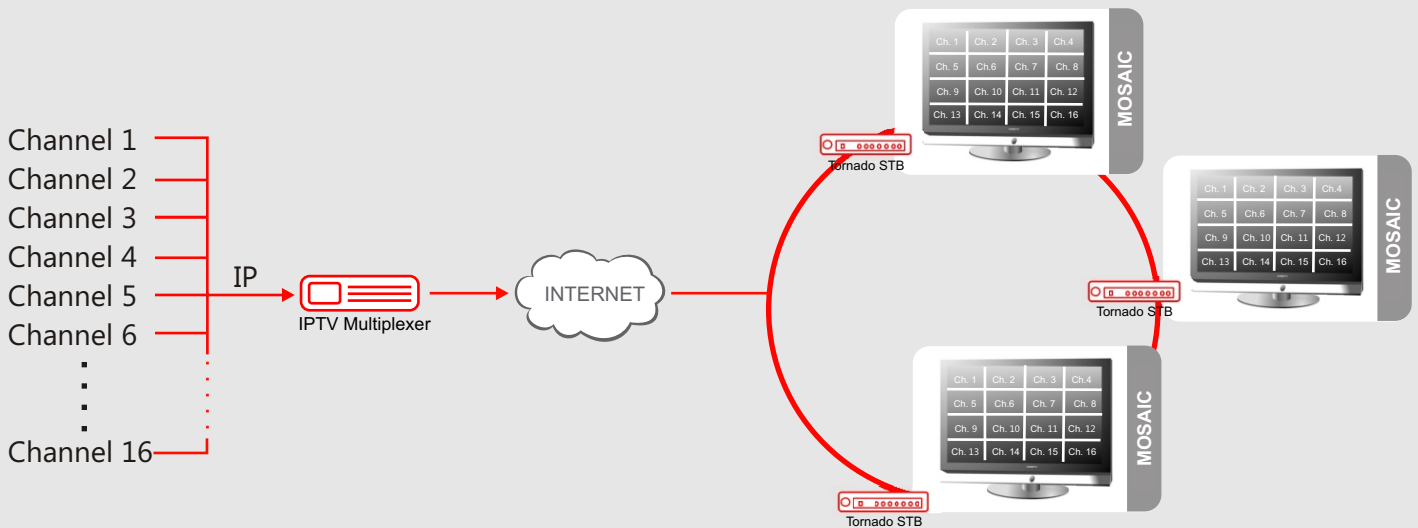
### Problem:

IPTV provider wants to integrate multiple IP channels into one mosaic channel to allow monitoring and viewing of multiple channels. The device must support different types of IPTV network protocols and codecs and be able to integrate all input inbound channels (up to 16) into one output mosaic real-time channel.

### Solution:

Sysmaster's IPTV Multiplexer offers IPTV multiplexing functionality that merges multiple IPTV channels into one mosaic real-time channel. This way the subscribers can tune up to this channel and see what is on any of the underlying input channels and if interested tune to this channel.

### Example Shema



### Supports up to 16 input IPTV channels

IPTV Multiplexes supports up to 16 channels. The channel layout is 2, 4, 9, 16 to allow more flexible mosaic channel layout. The channels can be viewed and monitored in real-time.

### Supports mosaic real-time output channel

IPTV Multiplexer provides a single IPTV output channel in mosaic format. This channel is a compilation of all input channels and supports 2, 4, 9, 16 segment mosaic layouts.

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## IPTV Solution

Supports various input formats such as HTTP, FLV, TS, UDP, TCP, RTSP, RTMP

IPTV Multiplexer can be configured to accept various input channel types such as HTTP, FLV, TS, UDP, Multicast, TCP, RTSP, RTMP, MMS, AVI. Also the input channels can have various video codecs. Once they are received, the video is processed and re-scaled, and then the video is merged into one large mosaic real-time channel.

Support output format such as HTTP, TS, Flash, HLS/DVB-H

IPTV Multiplexer can output channels in different formats such as HTTP, TS, Flash, HLS/DVB-H. Also authentication and accounting services are fully supported.



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