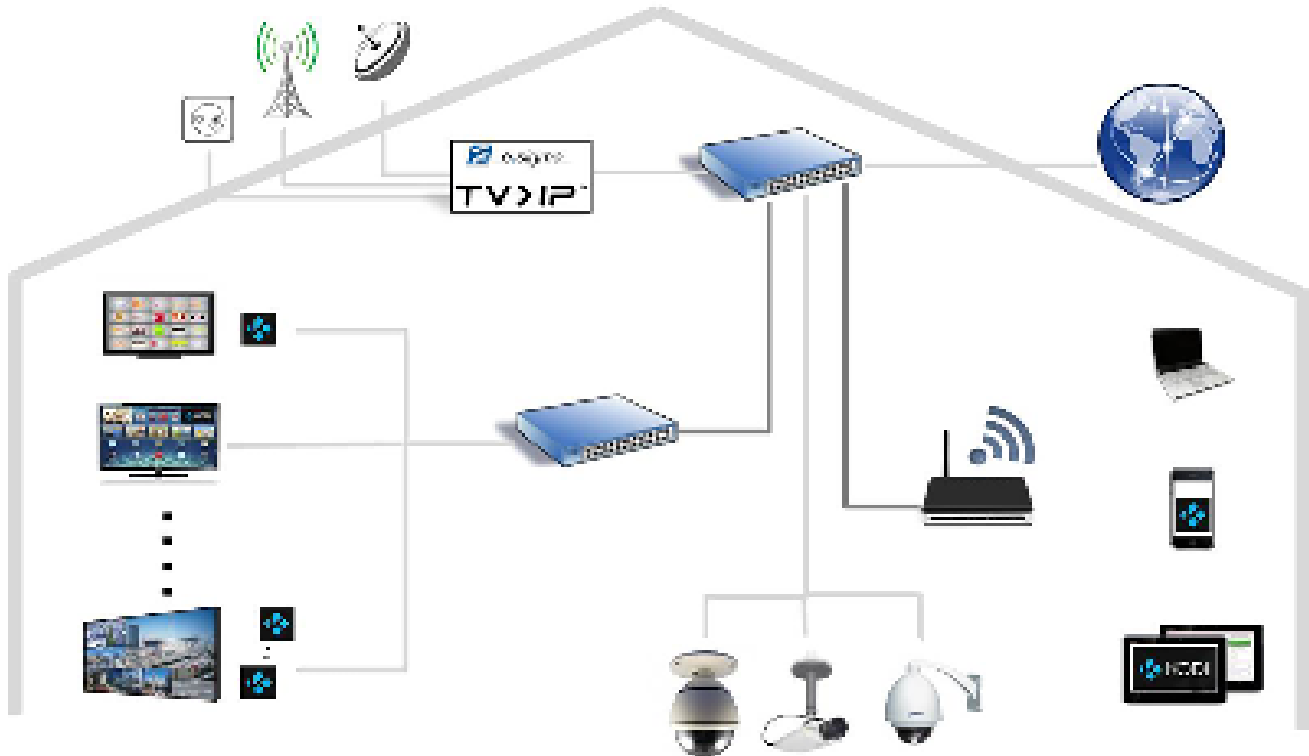


TV > IP™

Multimedia Platform Solution



e.sigma offers a unique multimedia platform to stream any source media with the latest encoding technology (H.264, H.265). The media content is delivered over computer networks based on multicast traffic enabling unlimited access to all streams. The e.sigma software converts all source content from satellite/cable/terrestrial formats as well as graphical outputs and IP content into single multicast streams through a server application. The approach is easily scalable by adding additional TV>IP™ servers providing an unlimited number of content channels to any network connection.

Operational Benefits

- Video multicast solution for maximum flexibility
- e.sigma TV>IP™ server processes satellite/cable/terrestrial transponders to single-out TV programs
- Scalability by duplicating TV>IP™ server units
- Seamless integration of IP cameras (reserved slots)
- Use of IP-based network for TV stream distribution
- Unlimited number of users/viewers
- Web-based administration to select viewable programs
- Smart TV via ThinClient
- Wireless devices support the use of a standard multimedia player (phone, tablet, laptop via KODI)
- ThinClient/SmartTV device for H.264/H.265 decoding and standard TV connection through HDMI
- The e.sigma TV>IP™ server supports HDMI-CEC for the use of own TV remote (dedicated remote) for decoder
- **TV > IP™** is a protected trademark of e.sigma

TV > IP™

Multimedia Platform Solution

TV>IP™ use cases

e.sigma TV>IP server

- Connects cable/satellite/terrestrial sources to tuner for channels extraction
- Web GUI for channel setup and configuration of programs/transponder and IP streams
- Provides m3u-playlist and electronic program guide
- Connects to network switch for multicast stream availability
- Diseqc / Unicable support
- Web stream to multicast stream conversion

Smart TV application

- Convert any HD screen to a Smart TV
- Use SmartTV directly to view channels (KODI)
- Support m3u-playlist, EPG and Channel-logos
- Configuration/TV channel selection through WebGUI

Thin Client

- Support H.264/H.265 HW accelerated decoding
- Use KODI to access TV>IP™ playlist
- Internet access for browsing
- PayTV support

Video Wall

- Scalability to video wall functionality
- Multi screen support
- Easy/flexible content creation

