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EK HOTEL TV
IPTV SYSTEM AND SIGNAGE DIGITAL FOR HOSPITALITY SECTOR

EKHOTEL**TV**

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EK HOTEL TV BASIC is EK's new platform for the distribution of multimedia content in hospitality settings. In addition to allowing the organization and distribution of audio / video services in IPTV format to the rooms, be it IP multicast or Web TV (RTMP, HLS,...), the system also allows the management of digital signage screens for product promotion and services.

EK HOTEL TV BASIC is the first in a series of solutions for entertainment and multimedia content that the brand's R&D teams are developing, and which complete a wide range of products available for the hotel sector. For more information, consult the thematic magazine "Technological solutions for the hotel sector" available on our website (www.ek.plus)

EK HOTEL TV

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EK HOTEL TV BASIC

√ IPTV multicast and web TV treatment server for hotels

√ Simplified configuration portal

√ Channel list management and user-customizable information

√ Remote management of STB IP BASIC devices

EK HOTEL
TV BASIC

EK HOTEL TV BASIC works as a middleware that allows the aggregation of audio and video services transported in multicast and / or webTV for distribution and reception on IPTV devices (STB IP BASIC).
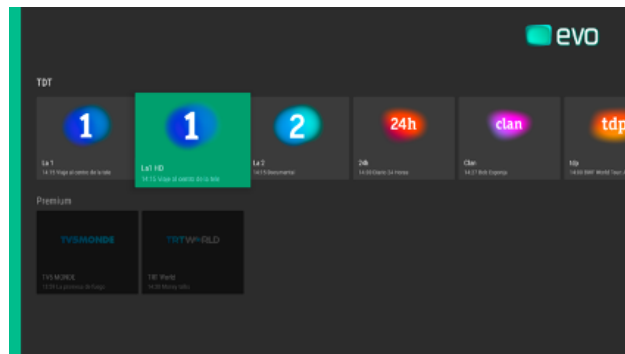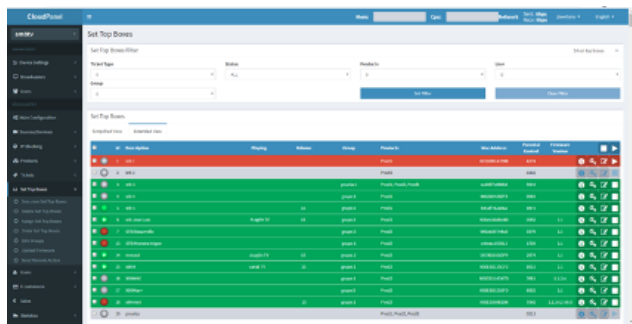
It allows the personalized ordering of channels by device, being able to order them by user or by user groups according to their profile (age, language, preferences, ...). Likewise, the system allows creating channel packages and grouping into "products" for assignment to users.

EK HOTEL TV BASIC has a management system for STB IP BASIC receivers (180012) that allows:
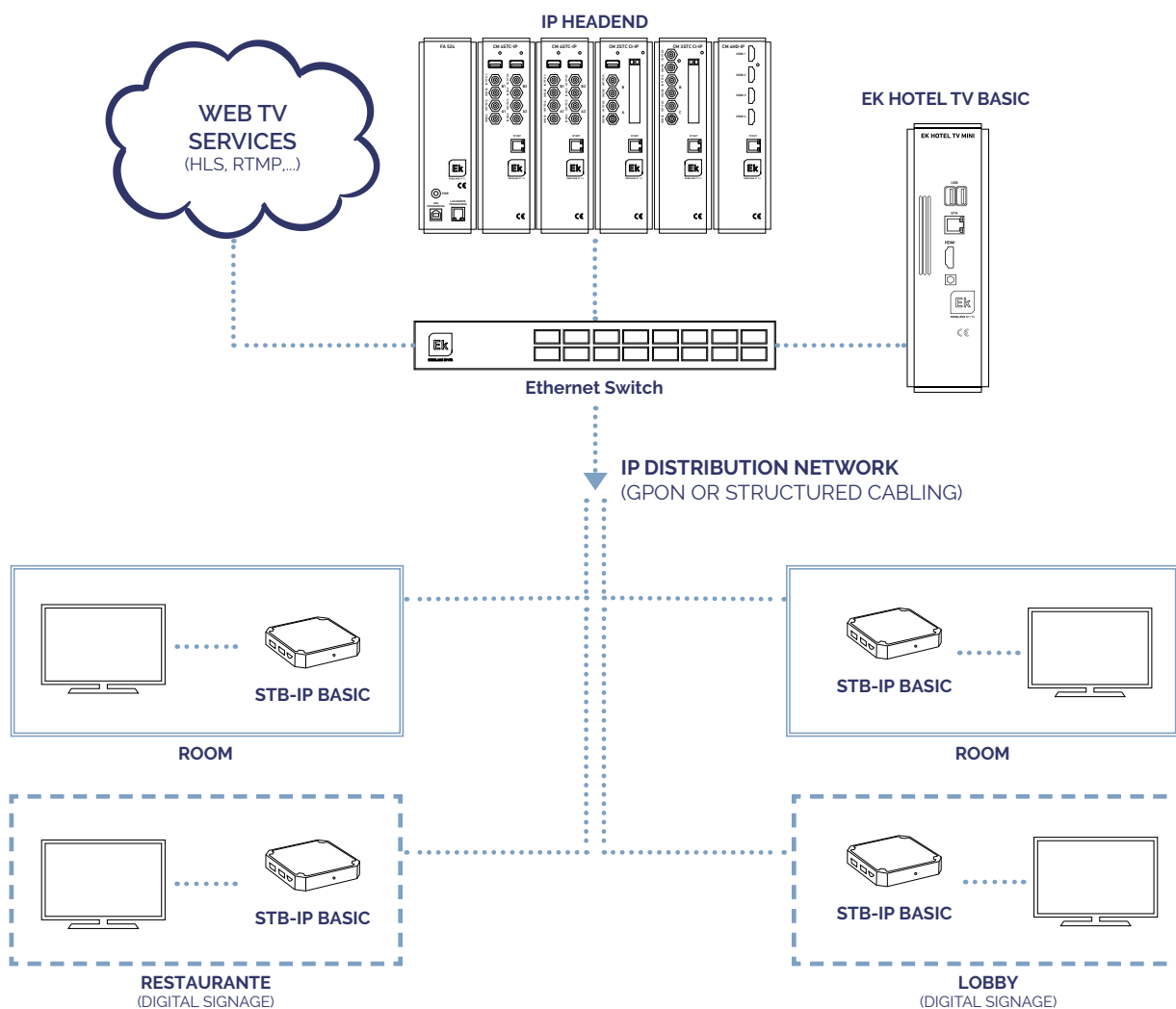
√ Monitor the status of all receivers connected to the headend

√ Turn receivers on and off individually, collectively, or by segments.

√ Activate, deactivate and change channels on the receivers individually, collectively or by segments.

√ Regulate the volume of the receivers

√ Update the EK application of each receiver individually or collectively

√ Activate and deactivate the parental PIN for selected channels

√ Create internal warning / alarm channel (requires external source)

The system allows the basic configuration of the management portal to be carried out. In addition, the network manager can establish the logo and name of each service, include a platform logo and configure the general and specific ordering of services by user or by group of users.

The option of incorporating EPG (electronic programming guide) to the distributed IPTV channels is included. This requires connection to the EK EPG product (additional service).

Application example

EK HOTEL TV

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STB-IP BASIC

IPTV receiver for EK HOTEL TV system

√ EK HOTEL TV system receiver

√ EK application for operation in hospitality environments and digital signage

√ 4K / HD

√ H264 / H265

√ Wifi

√ ARM Cortex-A53 CPU / GPU

√ Mali-450MP

√ 2Gb RAM / 16Gb ROM

√ 2 USB 2.0 ports

√ 1 HDMI connector

√ 1 RJ45 port

√ 1 AV connector

√ External accessory for sensor

√ infrared

√ Wall mount accessory

REFERENCE	STB IP BASIC
Code	180012
General	Core: 2.0GHz,Quad Core CPU: ARM Cortex-A53 GPU: Mali-450MP Max. Extended capacity: 64G RAM: 2Gb RAM Type: DDR3 ROM: 16Gb
Formats	Audio formats: AAC,FLAC,MP3,OGG,RM Decoding formats: H.264,H.265,HD MPEG4,RealVideo8/9/10 Images: BMP,GIF,JPEG,TIFF Video: 1080P,4K x 2K,DAT,MKV,MOV,MP4,MPEG,MVC,RM,VC-1 Supports Surround Sound 5.1
Connectors	HDMI 2.0 AV RJ45 Tarjeta TF USB2.0 Puerto RJ 45 WiFi
Power supply	External power supply 5Vdc
Accessories	Remote control Infrared extender Wall bracket HDMI cable

4K   H264 H265   HD   WIFI

IPTV   ANDROID   WALL-MOUNT SUPPORT   IR EYE ACCESORY

STB-IP BASIC

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