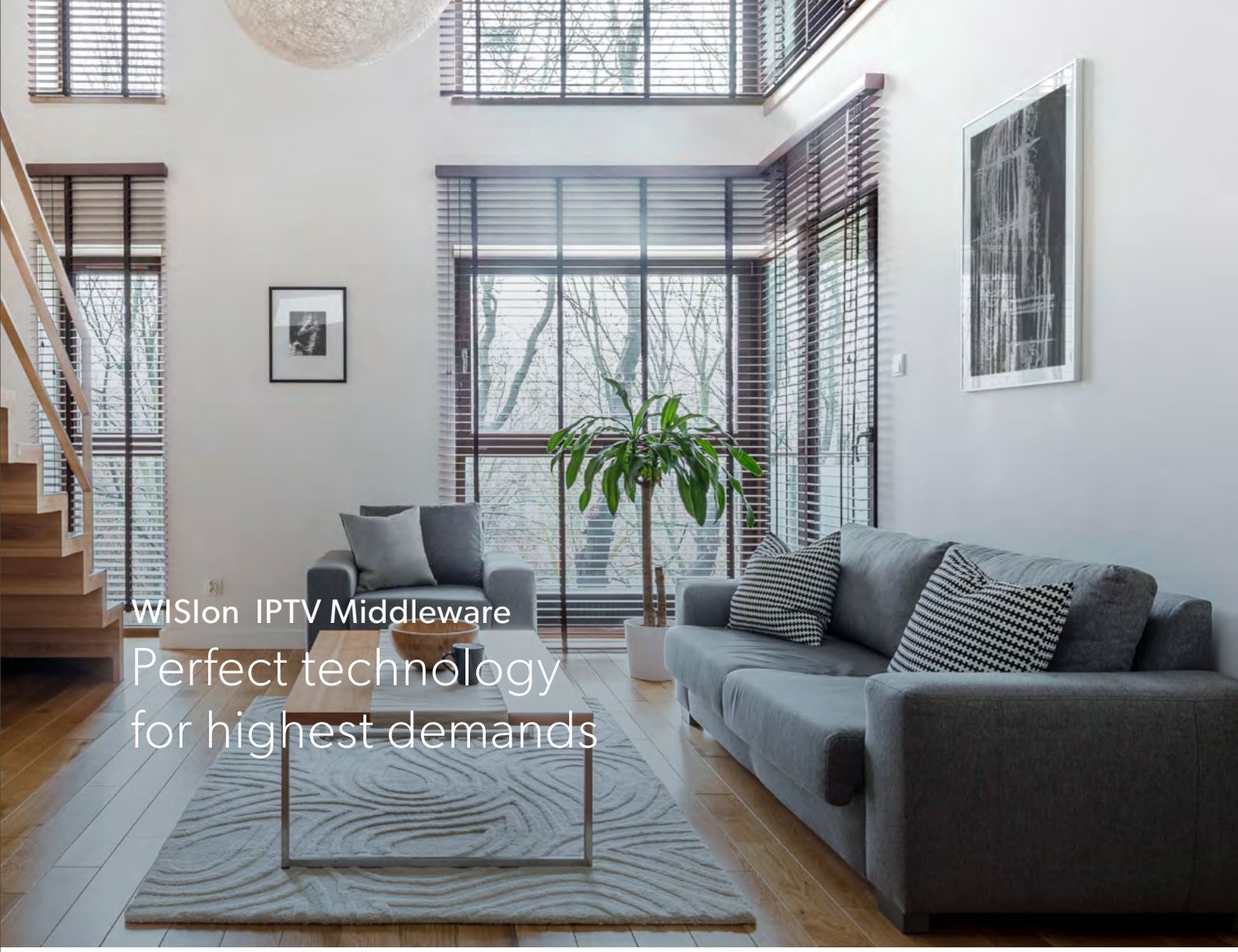


WISI

Connecting past,
present and future.

wisigroup.com

WISIon

IPTV Middleware

What is WISIon?

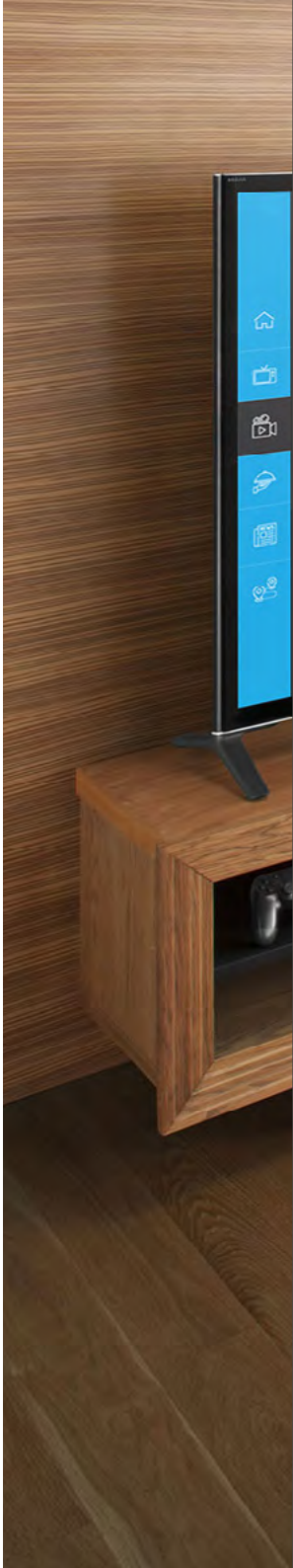
WISIon is a smart and affordable middleware for all hospitality applications. WISIon's main advantage is the scalability to fit extensive luxury resorts as well as small hostels or even healthcare environments. Instead of committing to a static concept, a venue can differentiate functionalities for different room categories and public areas individually.

WISIon is not restricted to IPTV environments; it performs seamlessly in hybrid Coax + IP systems and even in WIFI networks, which makes it a perfect choice for newly built as well as legacy installations.

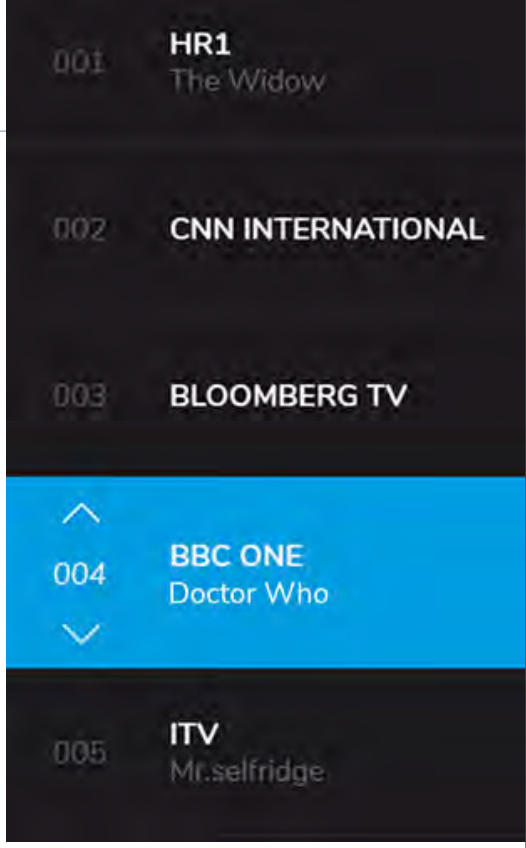
WISIon features a modern and elegant user interface reflecting the latest trends of contemporary life such as Chromecast and support of mobile devices. It is the perfect fit that elevates each stateroom in the guest's recognition.

TV Integration or Set-Top Box?

While TV technologies are advancing every day, WISIon middleware is integrated with all popular TV brands such as LG, Samsung, Philips, and others.
An optional STB takes care of existing screens which may not yet be supported.



Interstellar
Mankind was born on Earth. It was never meant to die here.
8.3 • Drama, Science Fiction • 2014
Watch
OLD GUARD
SLASH
PROJE
RISING PHOENIX
SONY



IPTV Middleware

Software Packages

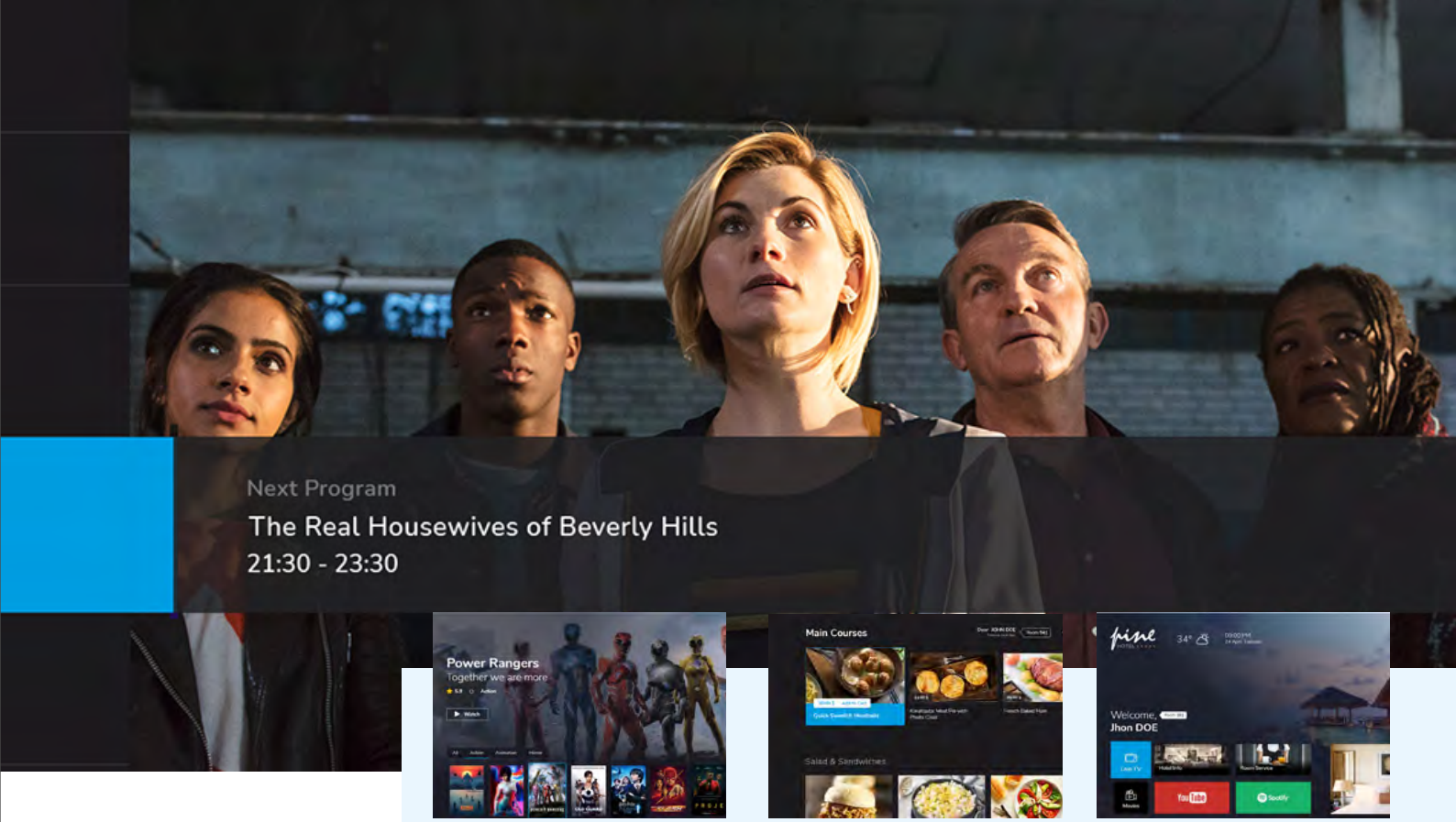
WISIon features an IP centric TV system for hotels, cruise ships, campuses or hospitals. Some of these networks require a platform that supports vending of activities, wellness treatments, events and excursions or room service while a housing complex may need only a simple channel line-up.

Hospitals require on-demand healthcare videos, medical information and treatment schedules. Any mix of these flavors can be configured for your specific enterprise and number of end points.

With digital signage screens, additional value offers can easily be brought to the guests' attention while they are lingering in public areas like lobby, bar, hallway, or elevator.

Packages

- ISP
- IIP
- VoD
- DS

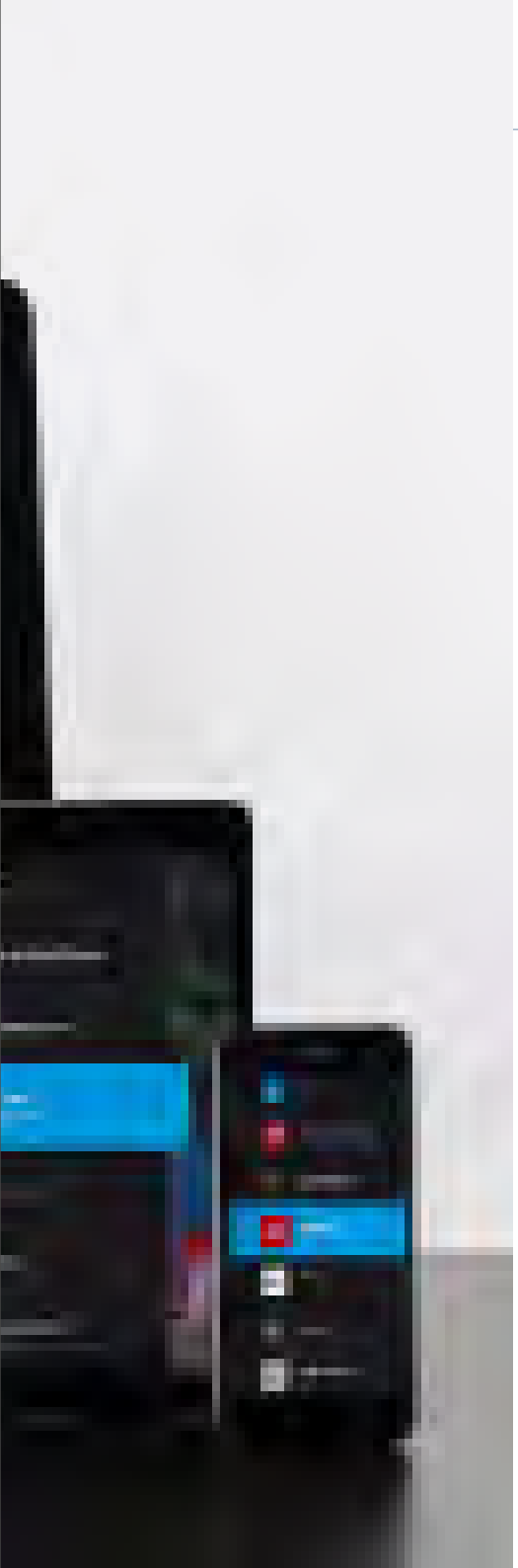


Basic package for IPTV, enabling the client TV channel list.

Providing interactive functionality like personalized welcome message, room service, information pages, billing view etc. based on the Coporate Idendity of the hotel.

WISIon VOD is an expandable, standard based, multi-purpose, Video on Demand solution, designed to offer administrators an easy handling and the end user an exceptional experience.

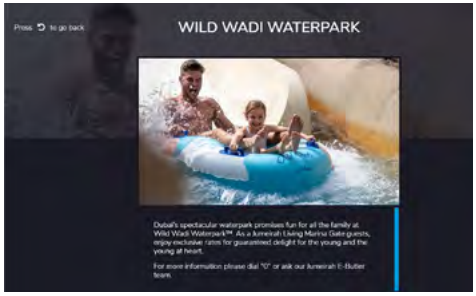
Used as info screens in general locations such as lobby, meeting rooms etc. The screens can be managed remotely, allowing a periodical playout of content. Usage in hotels, hospitals, shopping malls, schools, stadiums, government offices etc…

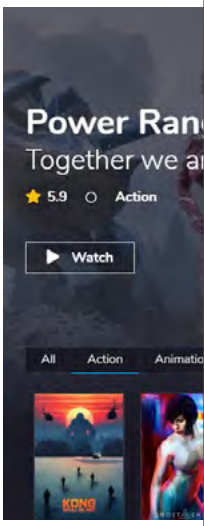


IPTV Middleware

Mobile Experience

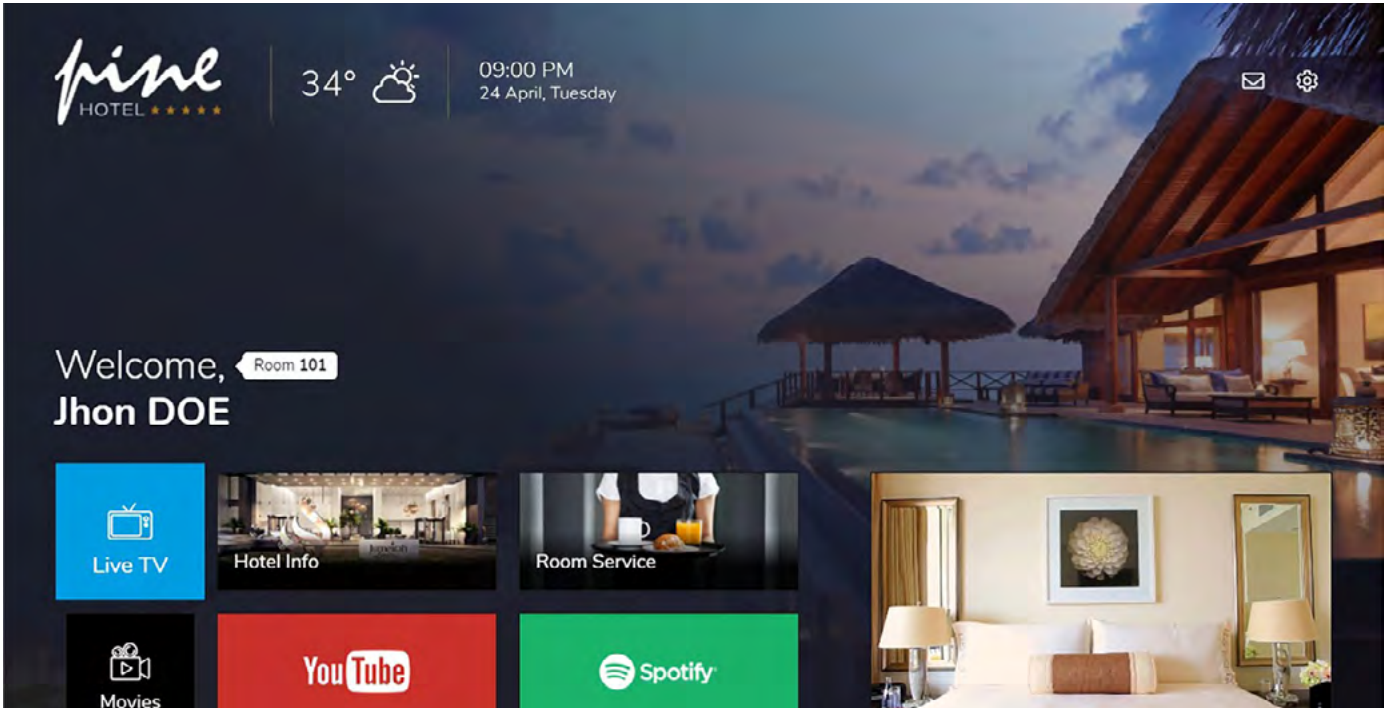
You can perform all Interactive TV applications such as ordering, shopping, viewing expenses or Chromecast from your mobile devices.





IPTV Middleware

Graphical User Interface


pine
HOTEL
34°
09:00 PM
24 April, Tuesday
Welcome,
Room 101
Jhon DOE
Live TV
Hotel Info
Room Service
Movies
YouTube
Spotify

gers
re more
Horror
POWER RANGERS
OLD GUARD
FLASH
PROJE

Main Courses
Salad & Sandwiches

WISIon

IPTV Middleware Interactivity and PMS Integration (GUI)

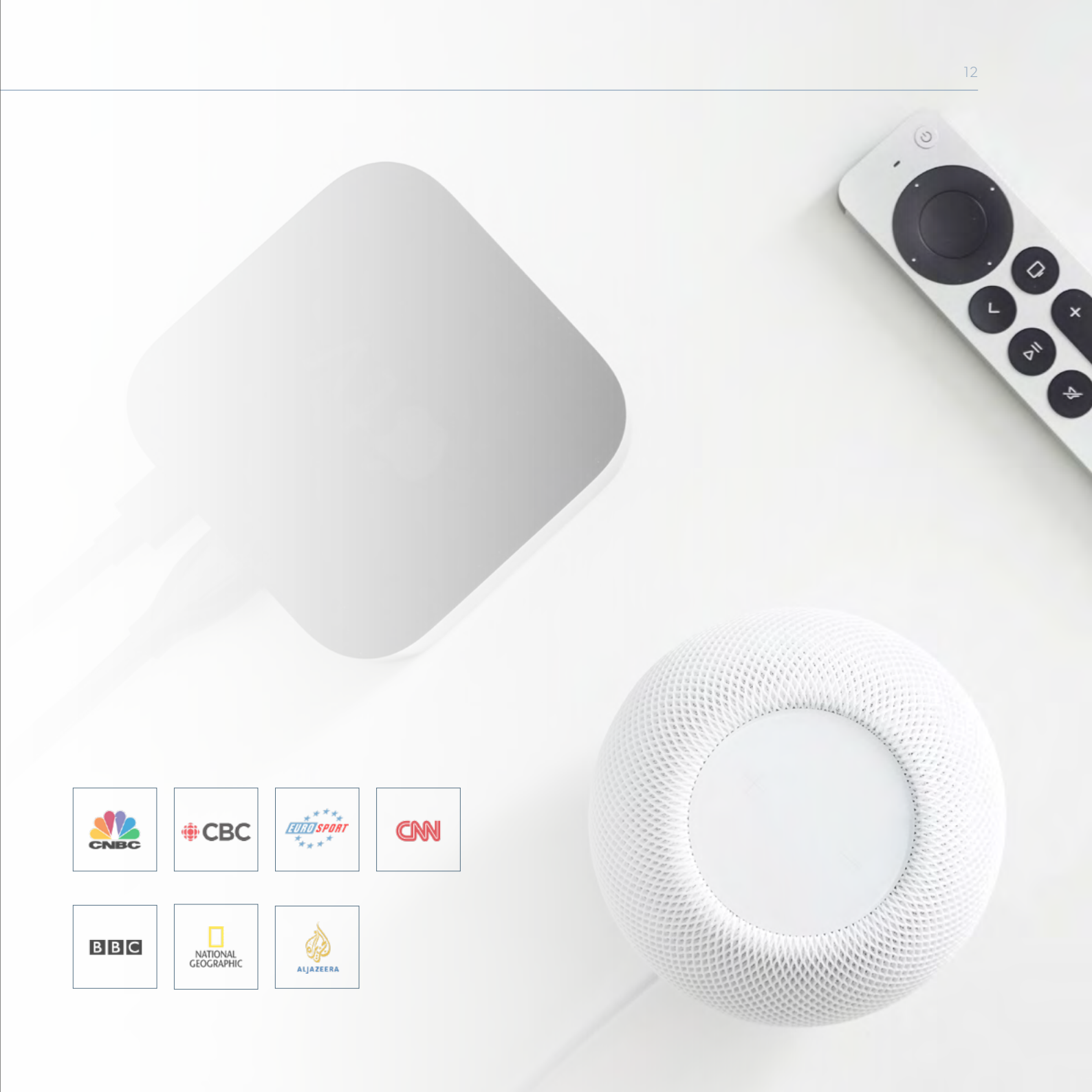
Interactivity and Entertainment

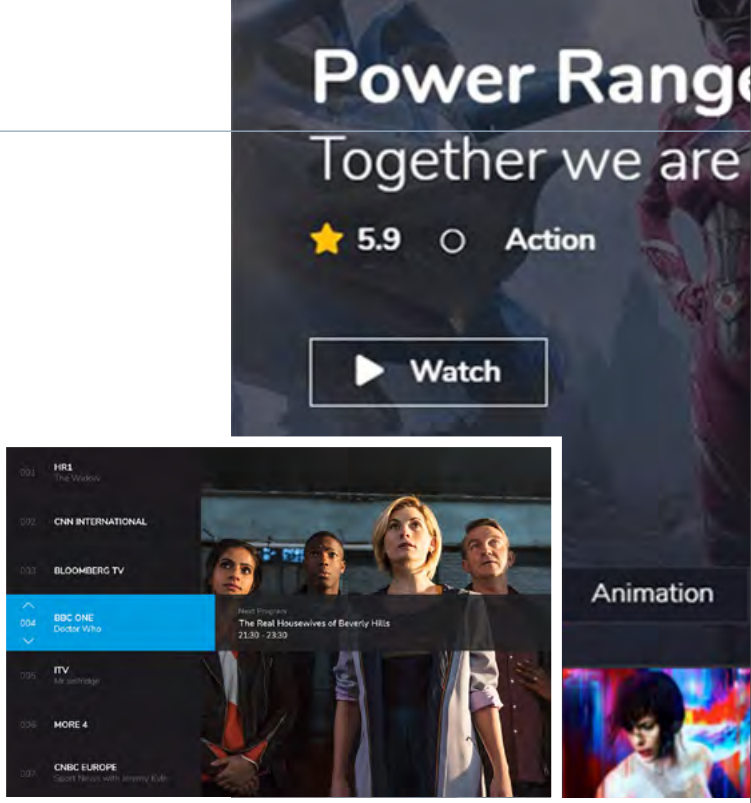
Your customers are at the core of our actions and thoughts. Our developers continuously follow the latest trends in guest communication, refining features like welcome pages, personal and group messaging but also language and channel preferences, room order, or spa booking. You will never miss the latest news and weather forecast or changes in airline schedules.
The target is to make the guests feel like they are coming home to an environment they recognize and that remembers them. We aim to provide the best systems solution for each individual installation and thereby create an intuitive open door to modern entertainment.

PMS Integration

WISIon is integrated with most popular Property Management Systems. Our middleware is OPERA certified but can easily be adapted to other systems as well. PMS integration allows the guests to keep track of their bills and enables the venue to connect the guests to its statistics, preferences and loyalty program.

Take a chance and boost your hospitality business.


CNBC
CBC
EUROSPORT
CNN
BBC
NATIONAL GEOGRAPHIC
ALJAZEERA



IPTV

Client License – GMVCLN100

IPTV General Features

Customizable Channel Lists

With WISIon IPTV it´s very easy to find a channel and channel transition time isbelow 2 seconds. Channel logo and country flag can be placed next to each TV channel. TV channels can be sorted between each other.

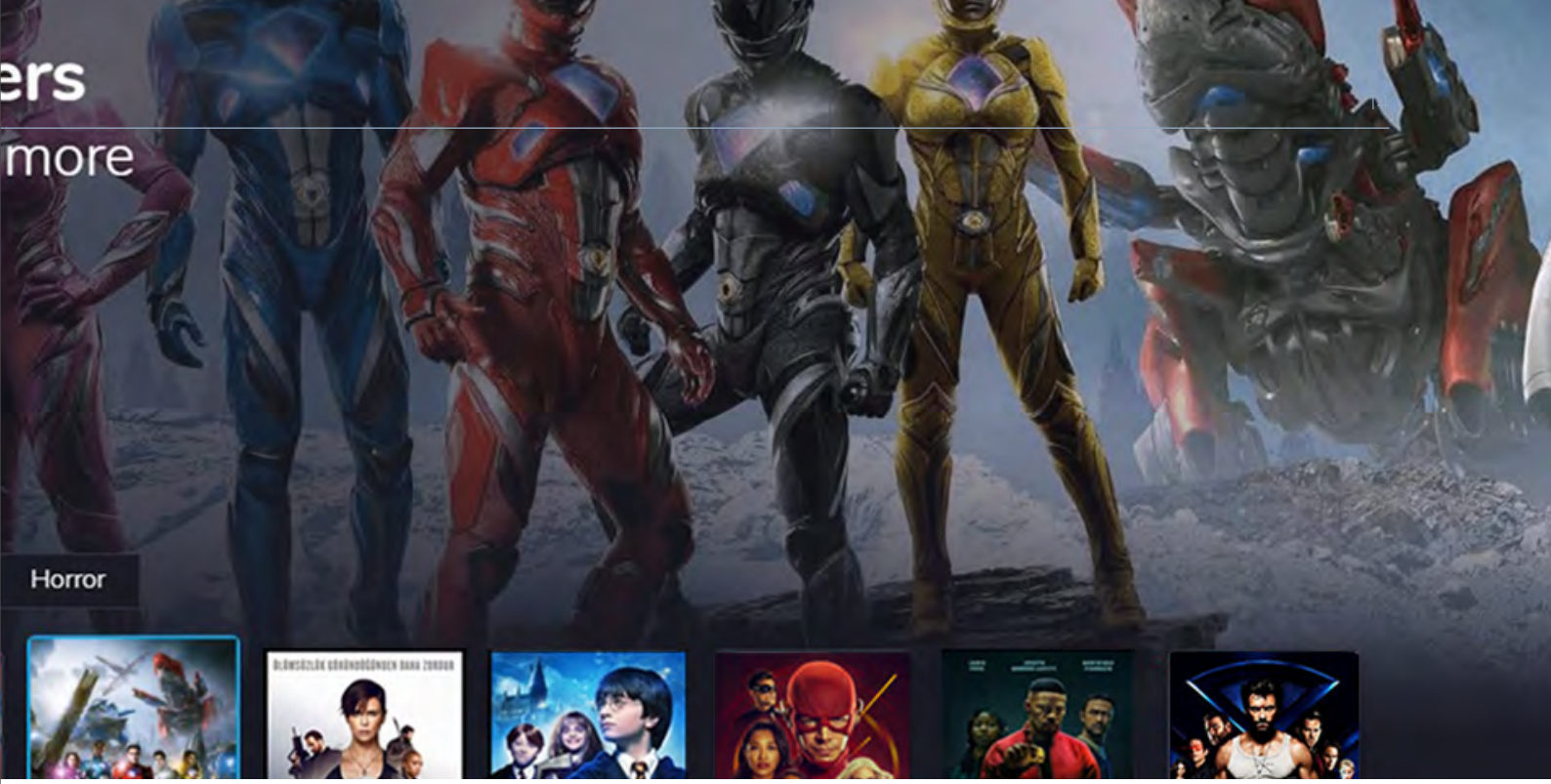
This way the TV channels can be categorized under different menus such as news, sport, entertainment, radio etc., enabling the user to find the desired channel and content.As long as the capacity of the IPTV headend is increased, there is no limitation on the number of channels.

Digital TV Signal Quality

Digital TV broadcast distributed to the rooms, is at least of DVD quality. All the noise is eliminated due to the digital infrastructure. The system also supports receiving of channels in 720p, 1080i, 1080p HD formats.

Easy User Interface

The user interface on the TV screen is very intuitive and easy to use. The simpe and elegant design enables even a first time user to navigate without much effort. TV channels specified by the guest are sorted according to his/her nationality and therefore desired channels appear in the 1st places. A group of TV channels can be assigned to a specific group of guests, so only guests that belong to this group can watch these channels.



Possibility of Charging TV Usage

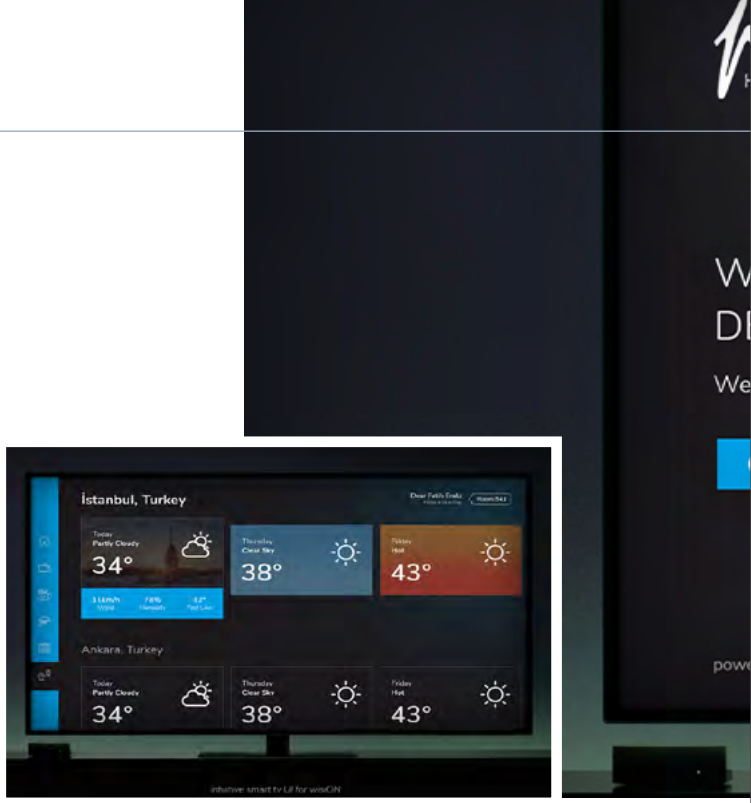
It is possible to charge the guest for watching any TV channel or a group of TV channels. The management is free to specify the invoicing method and prices. There are two different pricing options with WISIon:

- Charging for an individual channel or charging for a group of channels. If no rate is specified service is free of charge for the users.
- With "Add a new pricing" many usage time intervals can be defined as requested. A different price can be set for each interval. The price list is displayed on the TV screen. When a time interval is purchased through the TV screen, the user will be able to watch the TV channel during that time interval.

TV Group

TV channel groups can be defined for easy navigation on the user TV interface. By default, there are three pre-defined groups.

- National Channels: Channels from the country that the system is installed.
- Foreign Channels: Channels from other countries.
- Radio: Live radio stations



Interactive

Client License – GMVCLN110

Interactive TV General Features

Welcome Message

After the guest is checked-in, when he first turns on the TV he will see a "welcome screen" in his own language. At this stage he will be able to modify the language selection if he wishes. After the language selection, if provided by the hotel introductory video will be played.

Message Feature

The hotel personnel is able to send e-mail messages to TVs. Messages could be sent either as urgent or normal. When an urgent message is sent, the guest will not be able to browse other menus until he reads the message.

Room Service

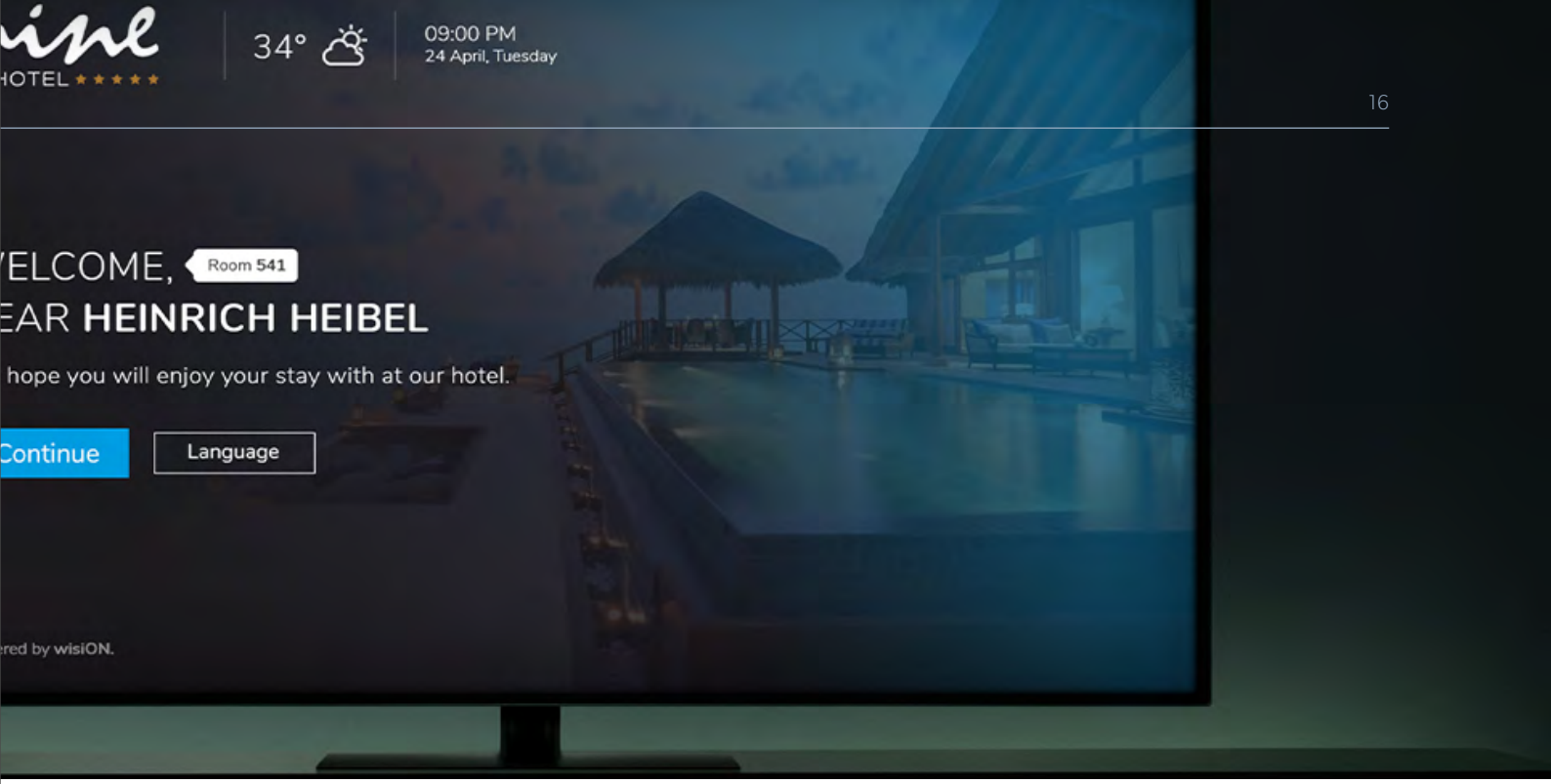
Guests will be able to order food & drinks from the TV menu. The menu will consist of both text and pictures.

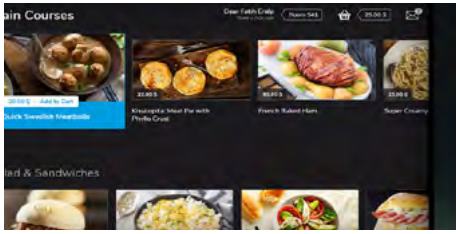
Free Info Pages

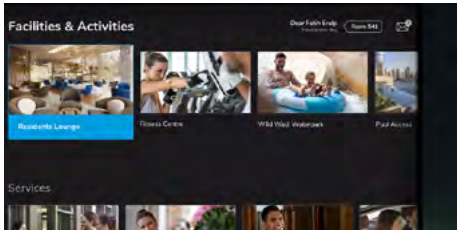
Free access to weather information, flight info, currency exchange, stock exchange, newspapers is provided.

Corporate Identity

In the Interactive TV menu, the corporate identity of the hotel is reflected by using hotel's logo and picture.







Bill View

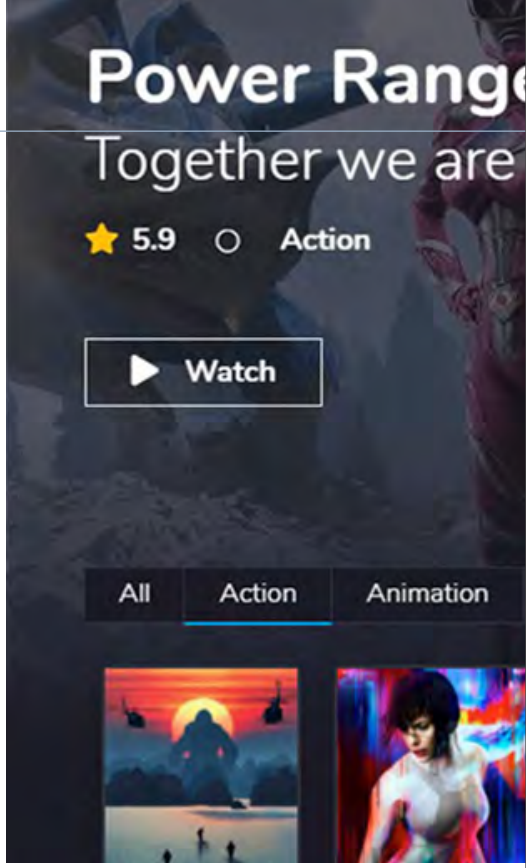
The guests are able to see all their charges until the current date. This information will be pulled from the PMS system (e.g. Opera).

Language Selection

Standard languages include Turkish, English, German, Spanish, Italian, French, Arabic Russian and Portuguese. Additional languages could be added on request. There is no limitation in the number of languages.

Text Rolls

Hotel personnel are able to send message in the form of rolling text to whichever rooms they want. The text rolls could be sent to a single room, a group of rooms or to all rooms.



VoD

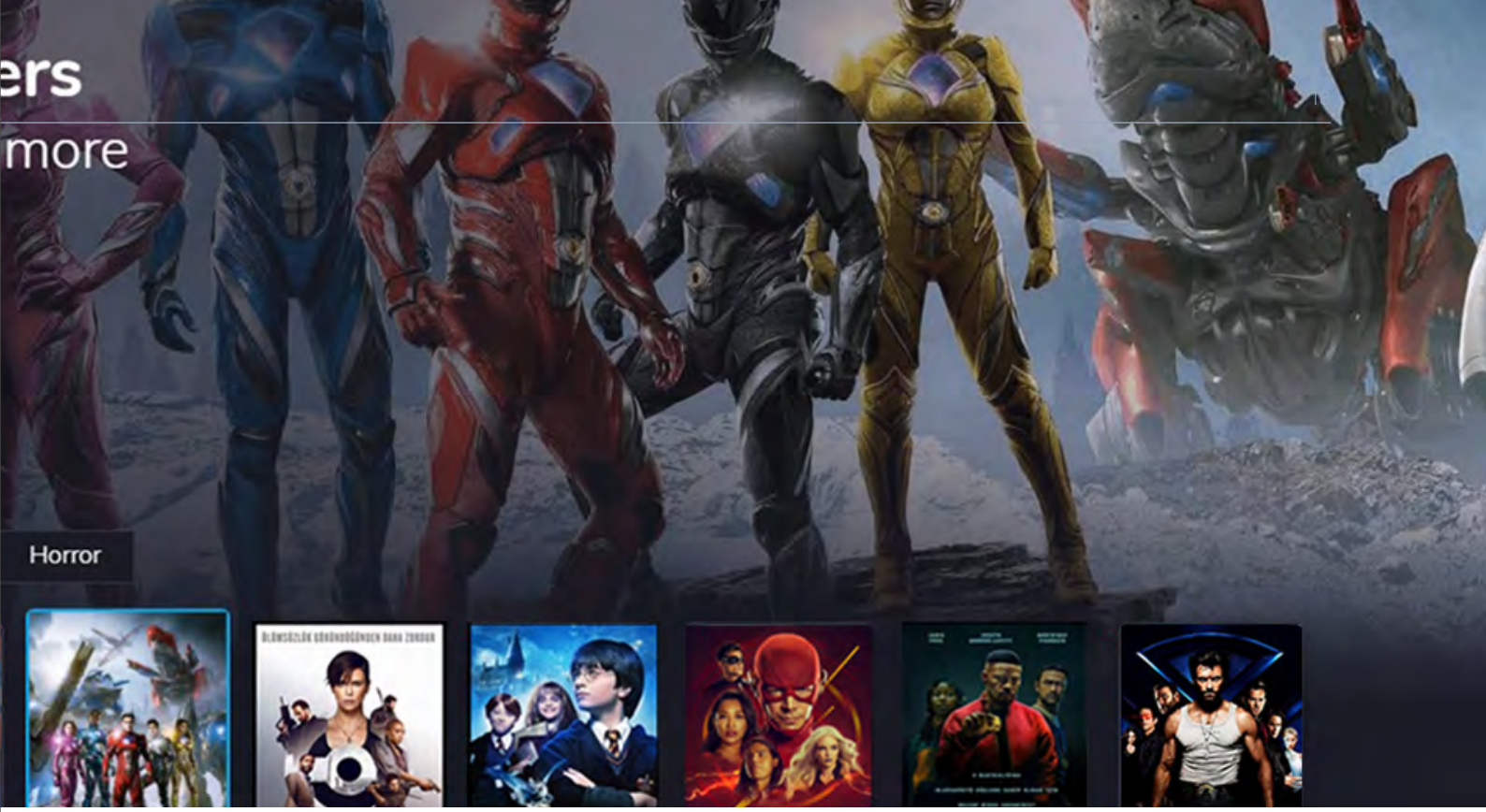
Client License – GMVCLN120

Video on Demand General Features

WISIon VOD is an expandable, standards based, multi-purpose, Video on Demand solution, designed to give administrators an easy job and the end user an exceptional experience.
WISIon VOD provides support for on demand streaming of MPEG-2 and MPEG-4 standard and high definition content. An integrated content management system simplifies the management of information associated within the video content.

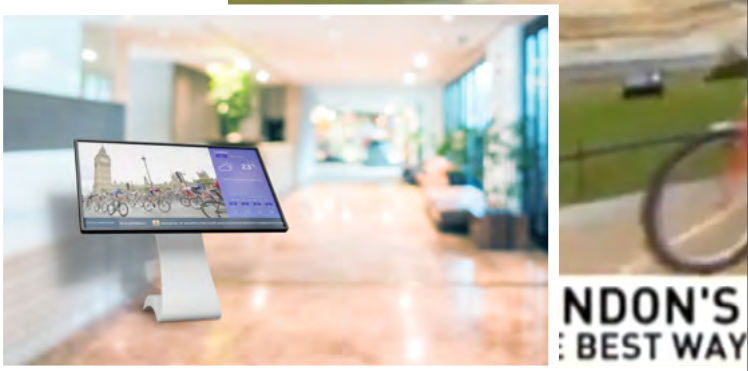
Key Features

- Intuitive user experience.
- Compatible with major STBs and hospitality TVs with embedded IPTV STBs
- Supports 200 concurrent streams on a single server
- Supports SD and HD video formats
- Easy configuration using the web interface



Technical Specifications

Streaming capacity	Concurrent Streams up to 200 streams (SD content @ 4 Mbps)
Supported protocols	Transport stream over UDP or RTP/UDP
Encoding formats supported	MPEG-1 | MPEG-2 | MPEG-4 AVC/H.264
Bit rates supported	1 Mbps MPEG-4 to 18 Mbps MPEG-2 High Definition | CBR or VBR
Streaming outputs	2 x Gigabit Ethernet with link aggregation, conforming a streaming capacity of 2Gbp
Storage capacity	Supplied 2 TB in RAID1 (960 hours based on 5Mbps content encoding rate) Storage capacity can be easily increased



Digital Signage

Client License – GMVCLN140

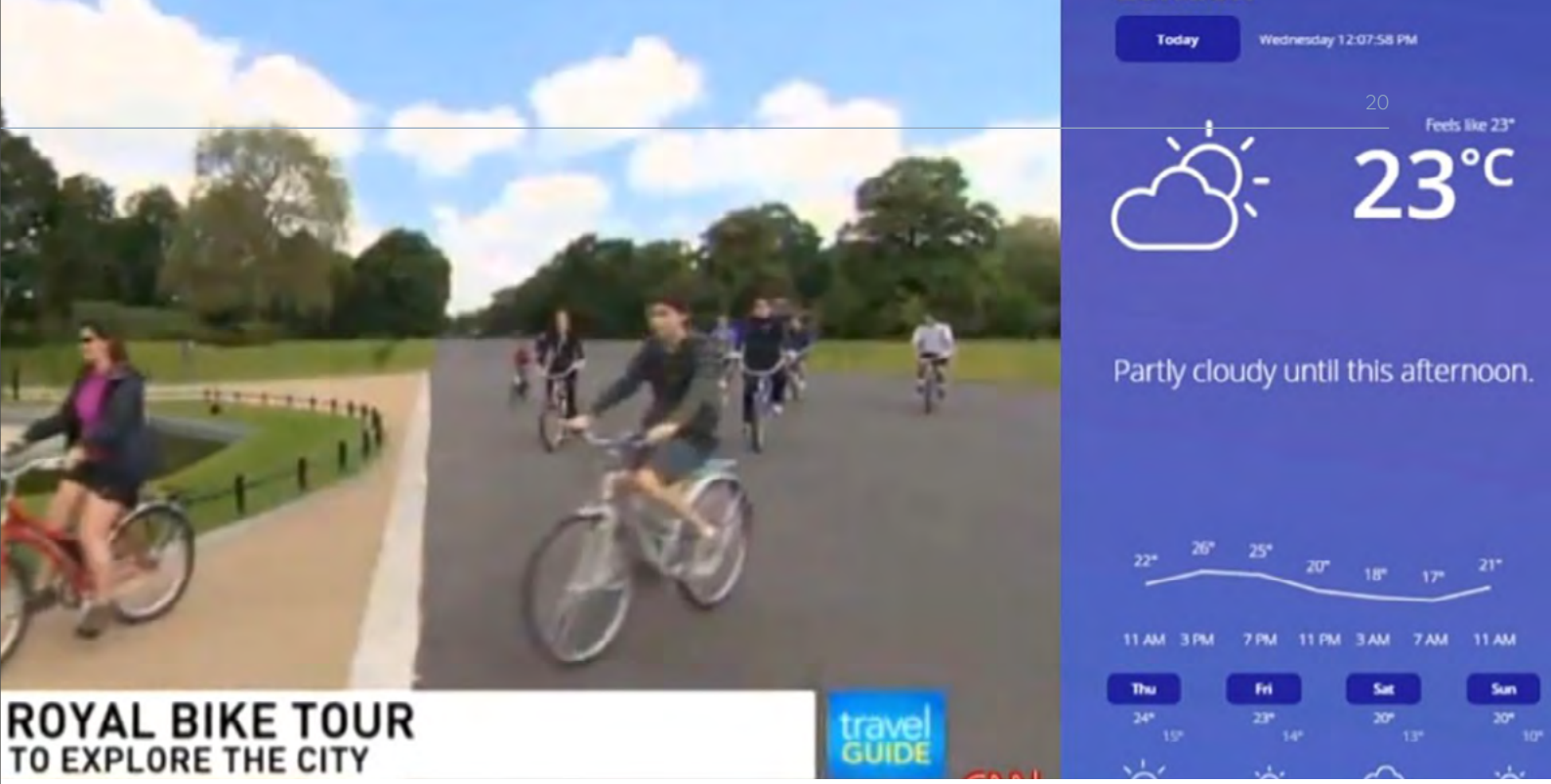
Digital Signage Software

The advance interactive Tv feature is provided by WISIon Promo package.

Promotion on multiple screens, Tv, video and news broadcasting can be provided in congress, exhibition, shopping malls, sports centers, public areas such as airports and transportation stations. The design can be customized according to need and demand. Through Digital Signage, the public can be reached by saving costs and time.

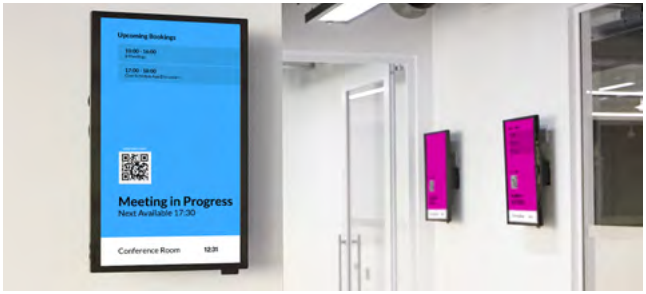
Key Features

- Information screen can be managed and periodically updated in public places, lobbies, meeting rooms and examination rooms etc…
- The Digital Signage screen continues to work even when offline.
- This license can be used in hotels, hospitals, shopping malls, stadiums, government offices etc…
- No worries about data saving capacity because of using cloud-based technology and hosting services.



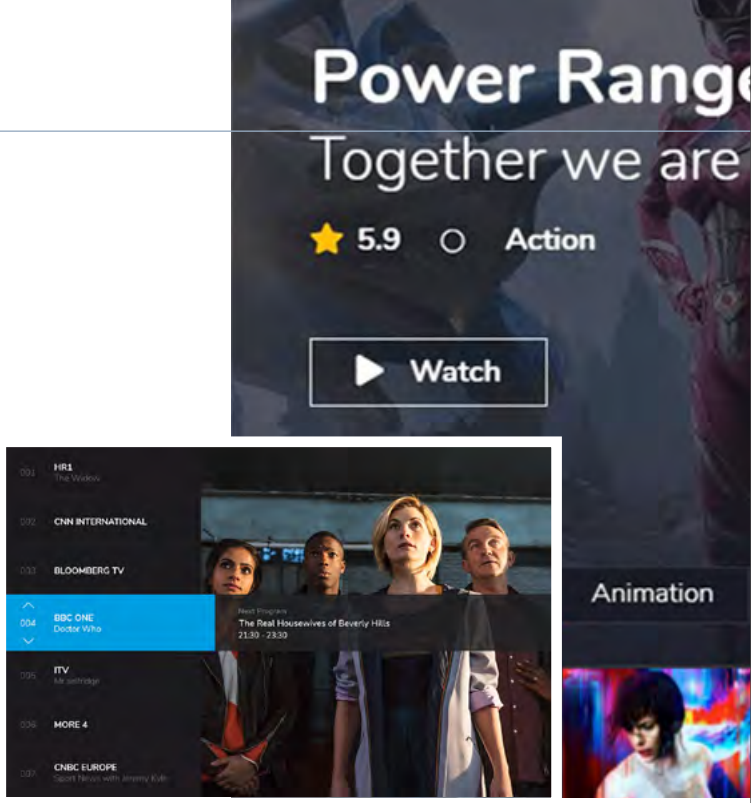
Key Features

- Works on Android devices
- The specified website can be displayed on the main screen.
- Social media posts about the institution can be added to the stream.
- Secure information transmission is provided through protected channels.
- Live news, weather, flight information etc… and access to RSS feeds is possible.



Conference Room Digital Signage

This solution offers a professional and automated guidance system to steer your meeting guests to the right location in time for their meeting or conference. The conference information screen contains the date, room name, upcoming bookings, start and end time.



IPTV

Server License – GMVSVR100

IPTV General Features

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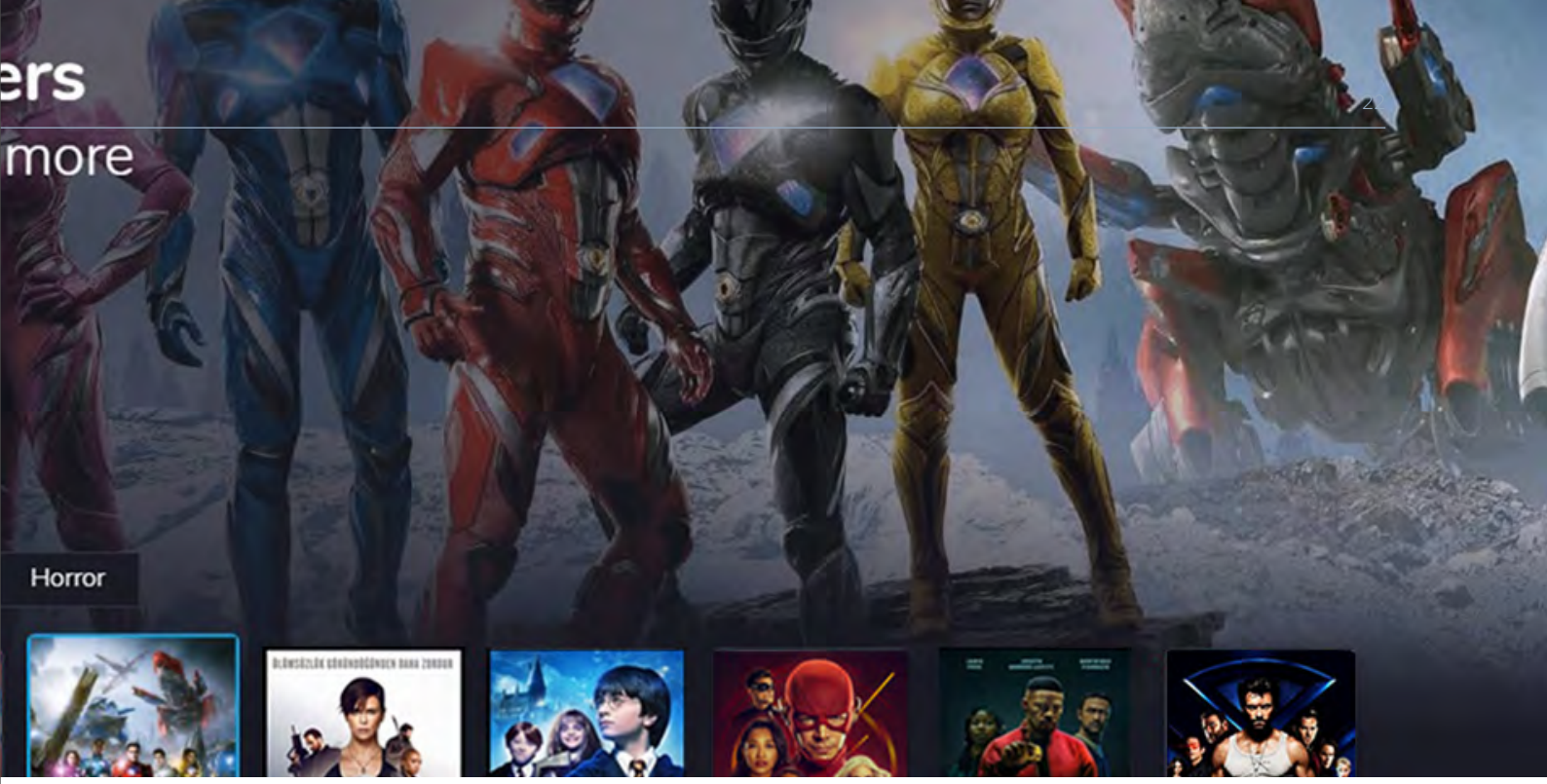

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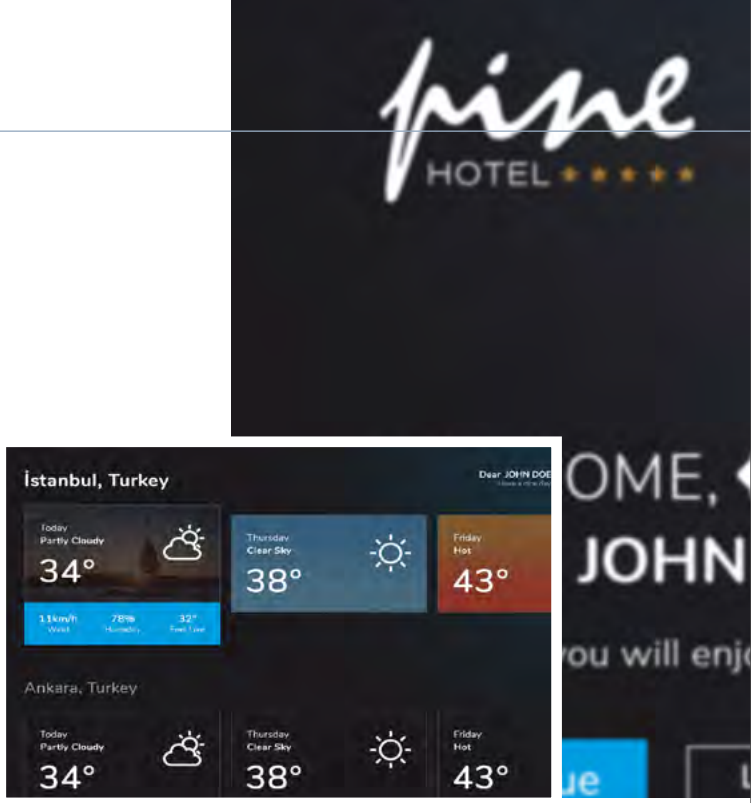

Interactive

Server License – GMVSVR110

Interactive TV General Features

Welcome Message

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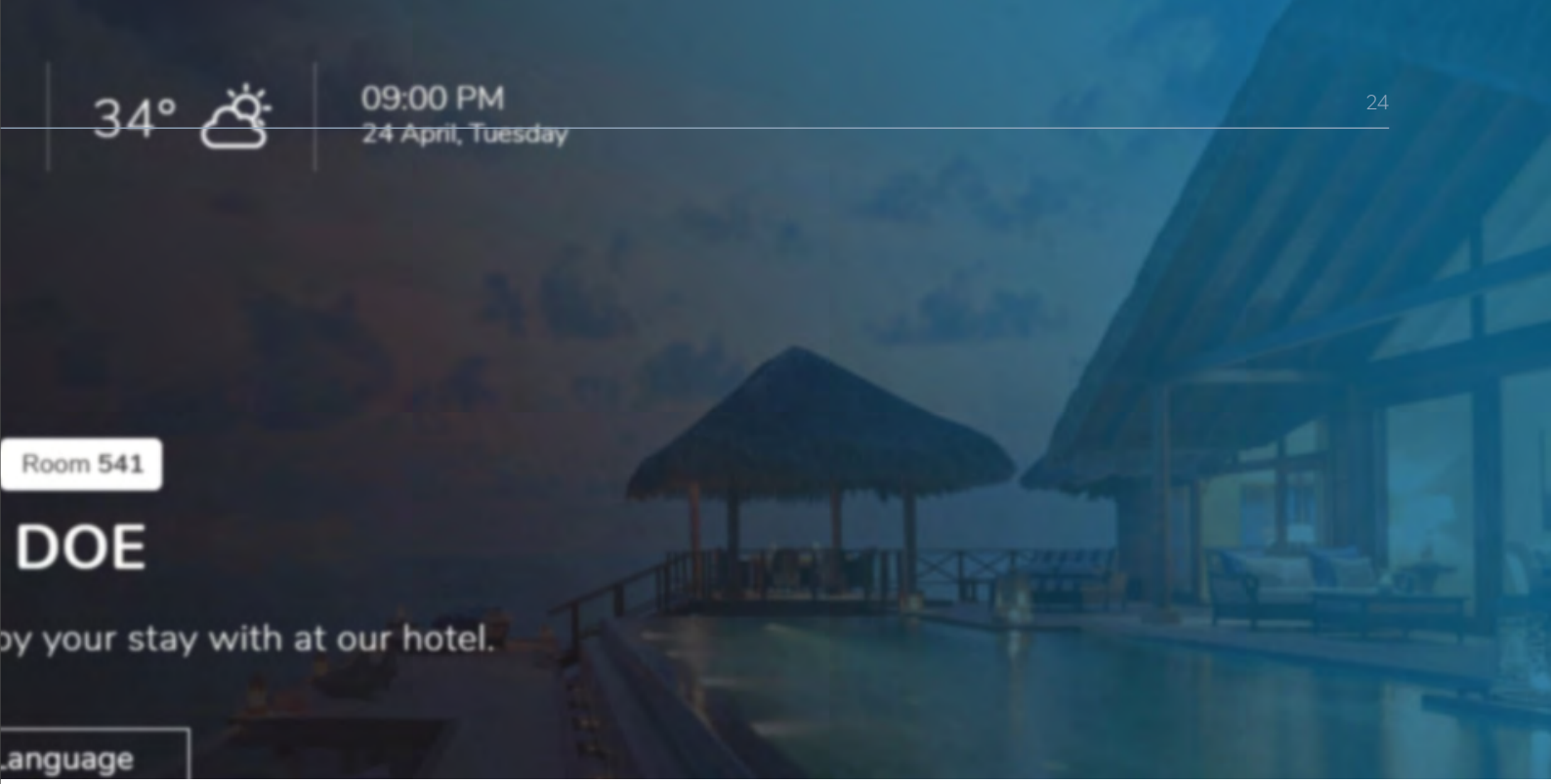

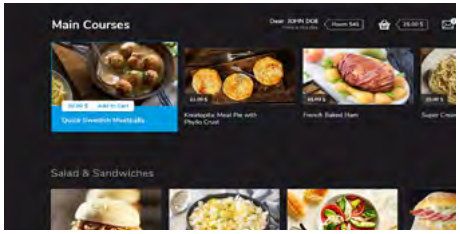

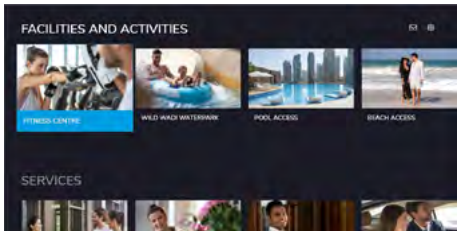

Bill View

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Language Selection

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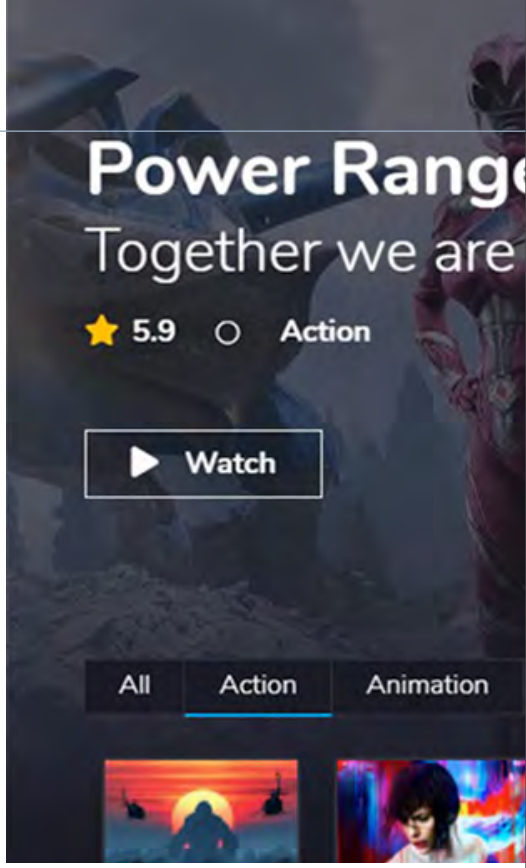

VoD

Server License – GMVSVR120

Video on Demand General Features

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Key Features

- Intuitive user experience.
- Compatible with major STBs and hospitality TVs with embedded IPTV STBs
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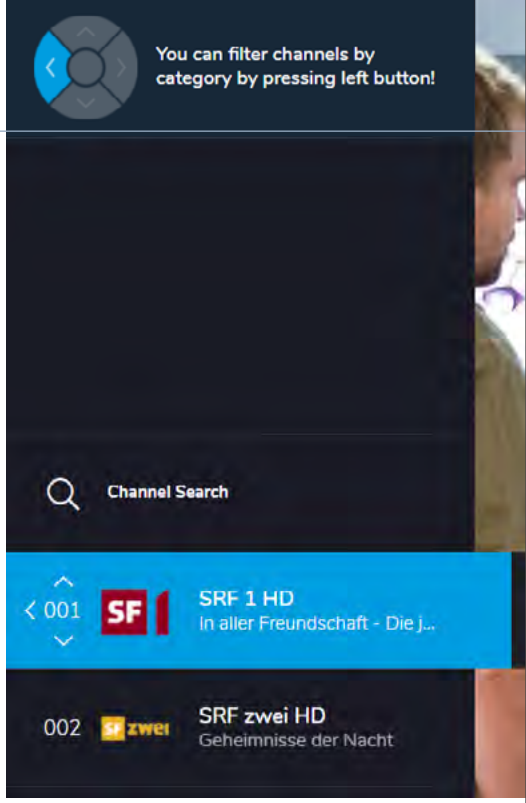
- Supports SD and HD video formats
- Easy configuration using the web interface

Technical Specifications

Streaming capacity	Concurrent Streams up to 200 streams (SD content @ 4 Mbps)
Supported protocols	Transport stream over UDP or RTP/UDP
Encoding formats supported	MPEG-1 | MPEG-2 | MPEG-4 AVC/H.264
Bit rates supported	1 Mbps MPEG-4 to 18 Mbps MPEG-2 High Definition | CBR or VBR
Streaming outputs	2 x Gigabit Ethernet with link aggregation, conforming a streaming capacity of 2Gbp
Storage capacity	Supplied 2 TB in RAID1 (960 hours based on 5Mbps content encoding rate) Storage capacity can be easily increased



Catch-up TV

Server License – GMVSVR150

Do not miss the moment, take it back!

There are television contents that glues people to their seats. Wondering about the new episode, the series whose finale is awaited, a big and exciting competition. However, it is often impossible to watch all broadcast content on the original day and time.

Therefore, catch-up TV feature has been developed for OTT service providers. Unlike the VoD feature, catch-up TV records and broadcasts TV series, contests, discussions and entertainment programs that were previously broadcast live on television channels. Thanks to this new feature that WISIon has brought to you, it is now possible to catch all retroactive TV streams over IPTV with the latest technology, catch-up TV.

Users can effortlessly access a specific date and time from where they sit, and start watching by selecting any program or episode of the series in their past broadcast streams via the Electronic Program Guide (EPG). In addition, it offers guests the convenience of stopping the broadcast at any time and rewinding and controlling the broadcast. In addition, since the catch-up TV will work in the local network, the internal network does not have any data traffic problems. It allows the retrospective recording to be monitored up to the capacity of the hardware.

The catch-up TV feature, which makes television broadcasts more fun and interactive, offers a user experience only in WISIon among IPTV brands.

micros®

Integration to Third Party Systems

Server License – GMVSVR200

Property Management System (PMS) Integration!

WISIon IPTV software and systems provide rich content, system and customer management on TVs and mobile platforms at hotels and resorts, hospitals, campuses, headquarters and other businesses. Customer satisfaction is increased by integration of WISion with property management system (PMS) which are used at facilities hence enterprises move into profit.

PMS Integration in hotels and resorts allows guests to see their account status (View Billing), perform express check-out, order and receive invoices for services.

Integration to Third Party Systems is possible assuming necessary API is available.

✓ Nurse Call System

✓ Hospital Information System

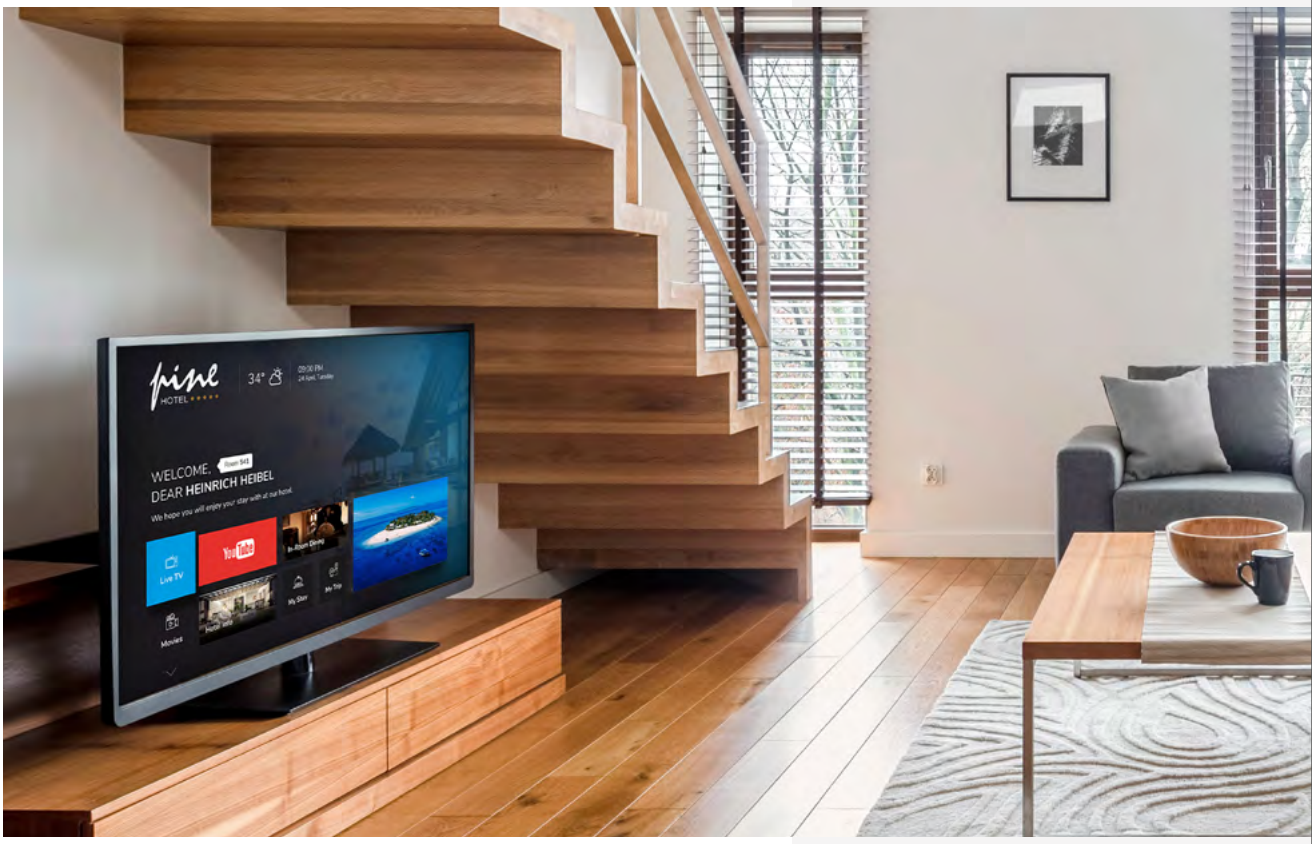
✓ Fire Alarm System/PAGA

✓ Building Management System

✓ Guest Room Management System

WISIon IPTV Middleware

Perfect technology for highest demands



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WISIon is a new and ambitious brand at hotel TV systems which was actualized within more than 20 years of experience by WISI. WISIon generates new pursuits, thoughts and products at broadcast-entertainment solutions. On that sense, our company serves the comfort of quality of system integration and technology by following latest trends and contemporary life.

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