NetUP IPTV Solutions for Hotels
What does Hotel need from IPTV system?

<table>
<thead>
<tr>
<th>Extra money from its guests</th>
<th>Guests should be able to watch quality content when they want and from they want</th>
<th>It has to be convenient for installing and simple to use</th>
<th>Whole system should be unified and branded</th>
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</thead>
<tbody>
<tr>
<td>Rent movies (Video-on-Demand)</td>
<td>Hundreds of channels in SD/HD</td>
<td>One device instead of several components</td>
<td>NetUP provides the whole ecosystem:</td>
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<td></td>
<td>Option to watch past TV Shows (Time-shift)</td>
<td>Receives all formats of signal (cable / satellite / terrestrial antenna)</td>
<td>Headend device</td>
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<td>Ability to watch TV from Web Client / Mobile App</td>
<td>One web-interface to manage everything</td>
<td>Billing / Middleware</td>
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<td>Android STB with custom launcher</td>
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<td>Mobile App</td>
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<td>SmartTV App</td>
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<td>Sell drinks / food through IPTV interface</td>
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</table>
All components of Hotel IPTV network in one device

Middleware + Billing server

VoD server

Headend station

Integration with PMS system (optional)
Range of NetUP Products

**Combine Hotel Mini**
- Receives 4 transponders (35-40 SD channels or 15-20 HD channels on a single device)
- Serves up to 50 users
- All-in-one device (Headend device / Billing / Middleware/ Integration to a Hotel PMS)

**Combine 8x Hotel**
- Receives 8 transponders (70-80 SD channels or 30-40 HD channels on a single device)
- Serves up to 1 000 users
- All-in-one device (Headend device / Billing / Middleware/ Integration to a Hotel PMS)

**Combine 16x Hotel**
- Receives 16 transponders (150-160 SD channels or 60-80 HD channels on a single device)
- Serves up to 1 000 users
- All-in-one device (Headend device / Billing / Middleware/ Integration to a Hotel PMS)
Combine – deployment scheme

Sattelite dish DVB-S/S2
Antenna DVB-T/T2
Cable operator DVB-C/C2

Online IPTV Streams

Web interface
VoD server for 50 concurrent views
Billing and Middleware for 1000 users

Hotel LAN

NetUP Android STB (Can be use as wifi access point in the room)

TV
Combine – Headend Station

Receive signal from any source

- Mini Combine = 4 DVB inputs
- Combine 8x = 8 DVB inputs
- Combine 16x = 16 DVB inputs

Supports:
- DVB-S/S2
- DVB-C/C2
- DVB-T/T2
- ISDB-T

Each input has CI slot – you can receive both FTA and encrypted channels

Up to 150 channels with single device (using Combine 16x, depends on the chosen frequencies)

- 1U or 2U rack mount chassis

Satellite dish
Cable provider
Terrestrial antenna
IPTV Streams Provider
Combine – Billing & Middleware

Serves up to 1000 users
Pre-installed on Combine
Manage channels and packages from single web-interface
Combine – Video-on-Demand server

Serves up to 50 concurrent Video views

Pre-installed on Combine

Upload movies to Combine’s HDD and set your price

Allow your customers to rent movies for a price
Combine – Android STB with Launcher

NetUP Android STB

- Quad Core ARM Cortex-A53 CPU
- Mali 450 GPU
- 1GB DDR3 memory
- 8GB EMMC
- Android OS 6.0
- Support H.265

NetUP Custom Launcher and App

- Ability to install third party apps
- Customizable GUI
- 100% Compatibility with NetUP Middleware
Combine – iOS App

One-time payment for License
Combine – Android App

One-time payment for License
One-time payment for License
Combine – extra options for extra price

- **Time – Shift Server**: Allow your users to watch past TV shows

- **PMS Integration Module**: Connect your IPTV to Hotel Management system

- **HDMI Encoder**: Receive HDMI signal and transmit it to your Hotel network
Combine – Time-shift server

Time-Shift feature

Serves up to 100+ concurrent TV views

Requires extra hardware server

Allow your customers to watch past TV shows
Combine – integration with PMS systems

- FIAS v.2 protocol support
- Can be installed on Combine
- Connect your Hotel Management System with Combine
- Send messages to guests
- View bills for guests
- Hotel info page
- Compatible with Fidelio suite 6 / 7 / 8
  - OPERA
  - Shelter
  - And other systems
Combine – HDMI Encoder

HDMI Source
(Camera, Set Top Box etc)

HDMI

Encoder 8x

Ethernet

Hotel IPTV Network

Add HDMI sources to your IPTV Network

Manage channels from HDMI same as satellite channels

8 / 12 / 16 / 20 / 24 HDMI Inputs

Separate hardware device
How to test NetUP Products?

**Free test**
- Watch our YouTube video
  https://www.youtube.com/watch?v=VzTbAM6Puq8

**NetUP Android STB**
- Buy 1 or 2 NetUP Android STB devices
- Install them at your office
- Connect them to NetUP Demo Server
- Watch Demo channels
- Test Android STB GUI

**Mini Combine Demo + Android STB**
- Buy Mini Combine Demo with 10 users license
- Receive your required channels
- Test Android STB GUI
- Test Billing/Middleware GUI
About NetUP company

We work since 2001

Hundreds IPTV deployments all over the world

Own R&D department with skilled professionals in IPTV

Complete range of products to build IPTV network of any scale

Thousands users watching IPTV using NetUP products
Hotel "Astoria"  
Rocco Forte Collection  
Saint-Petersburg, Russia  

Equipment:  
4 x the NetUP the Streamer 8x  

The luxurious five-star hotel in the center of St. Petersburg have access to 85 television channels from Eutelsat W4 satellite, Hotbird, Astra available in 420 rooms.

Deep Helder  
North West Europe

Installation Setup:  
IPTV Combine 8x server with Cisco Switch  
VOD server with 2TB storage in Raid config  
33 x Android IP STB and LCD TV for cabins  

The Deep Helder is a Multipurpose Offshore Support vessel which offers Seamar a versatile tool for the offshore sector. It was recently charted by DeepOcean for a 5 year contract.  

Seamar wants to offer their crew and customer a stay on board similar to their homes. Supplying an internet solution to keep in contact with their family and a digital entertainment solution gives the people on board access to Satellite TV, Satellite Radio channels, Electronics Program and Video on Demand functionality.

Hotel "Monte Casa Spa & Wellness"  
Petrovac, Montenegro

Hotel "Monte Casa Spa & Wellness" trying to meet the needs of it's guests opted out to replace existing cable based PayTV with IPTV. After months of research and negotiations with several IPTV equipment providers, NetUP was selected as best overall offering most functionality with the best price possible. We have chosen IPTV Combine 8x Hotel edition as it had all the functions we needed. Couple of days later equipment was delivered to us and we started setting up the headend. Two weeks later STB's and TV sets arrived. IPTV was up and running in less than two months from day we approached NetUP until the last TV set was installed and set. Complete installation and setup was done by hotel's IT and Technical personnel with NetUP support assistance via support tickets. IPTV is connected with Fidelio 7 Hotel PMS system.

Saklı Kent Villa  
Cyprus

Saklı Kent is a unique housing project by a NorthernLAND development company in North Cyprus. The company exclusively offers originally designed properties on the premium locations in historic parts of Cyprus. Using of cutting-edge technologies is a requirement for their projects. One of such technology is triple play which allows habitants of 192 houses in the Villa to enjoy their IPTV, Broadband Internet and VoIP using single connection over VDSL2+ copper phone line. NetUP solution nicely fitted to the entire installation which outperforms and fully corresponds to the idea of contemporary house.
Ask your sales manager for demo now!