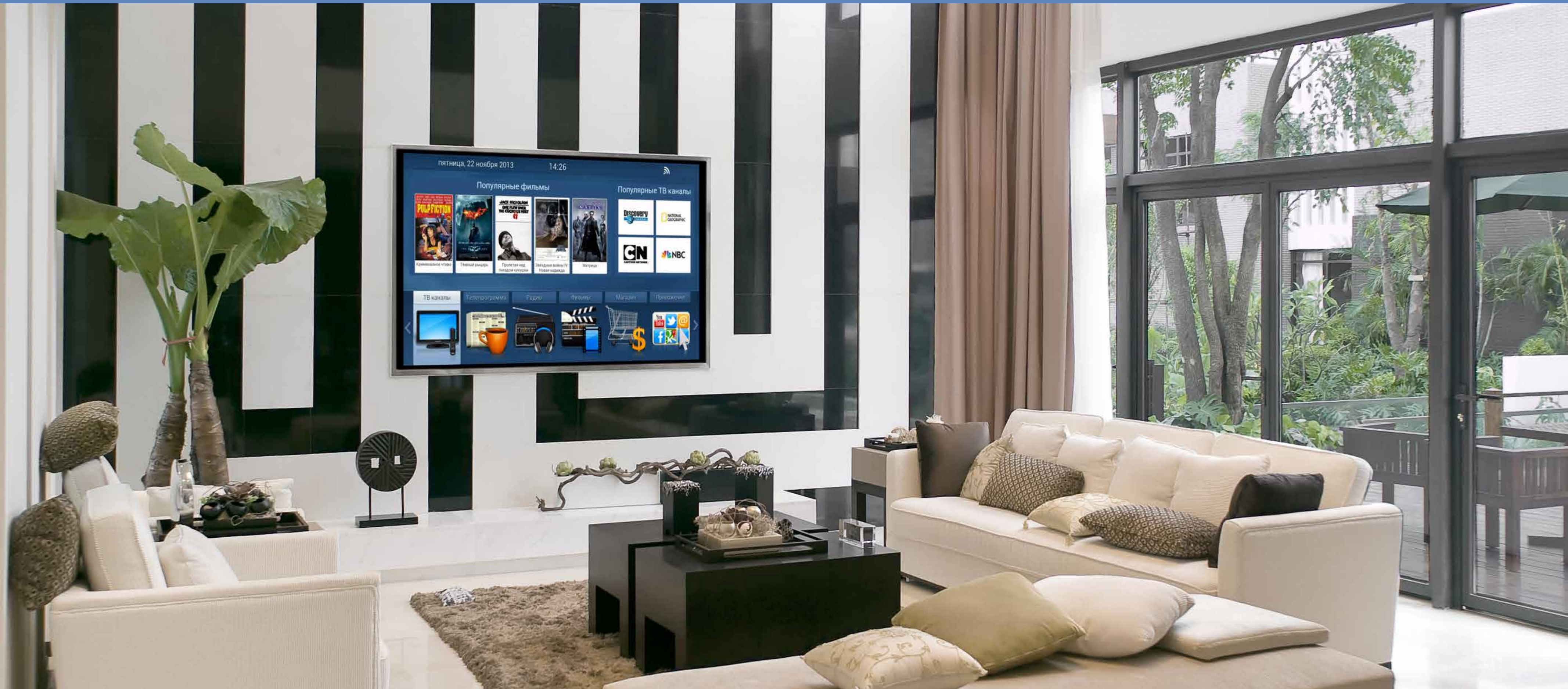


NetUP IPTV Solutions for Hotels



What does Hotel need from IPTV system?

Extra money from its guests

Rent movies
(Video-on-Demand)

Sell drinks / food
through IPTV interface

Guests should be able to watch quality content when they want and from they want

Hundreds of channels
in SD/HD

Option to watch past
TV Shows (Time-shift)

Ability to watch TV
from Web Client /
Mobile App

It has to be convenient for installing and simple to use

One device instead of
several components

Receives all formats
of signal (cable /
satellite / terrestrial
antenna)

One web-interface
to manage everything

Whole system should be unified and branded

NetUP provides the
whole ecosystem :

Headend device

Billing / Middleware

Android STB with
custom launcher

Mobile App

SmartTV App

All components of Hotel IPTV network in one device

**Middleware +
Billing server**

Headend station

VoD server

**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)

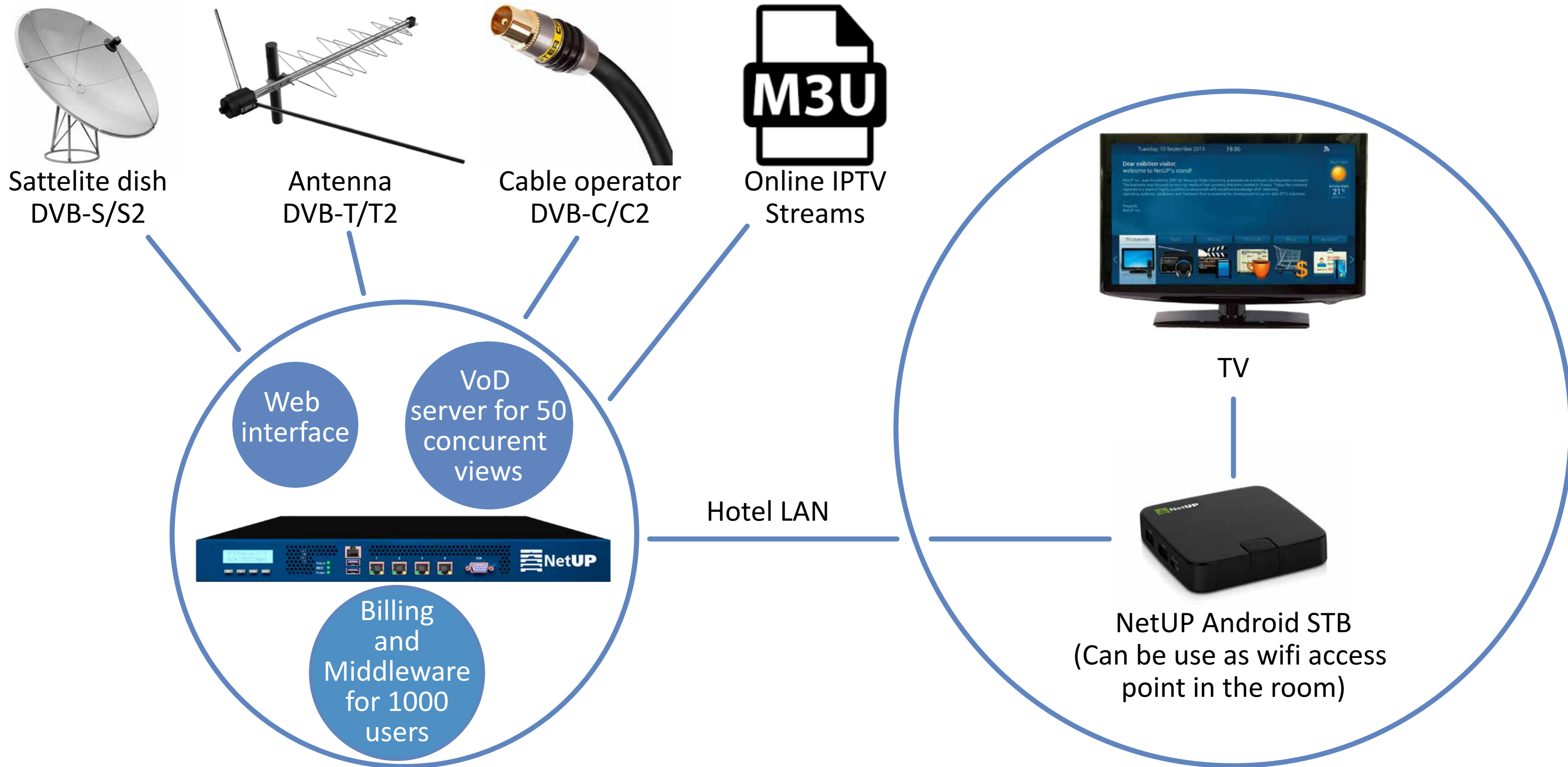
Combine 8x Hotel

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)

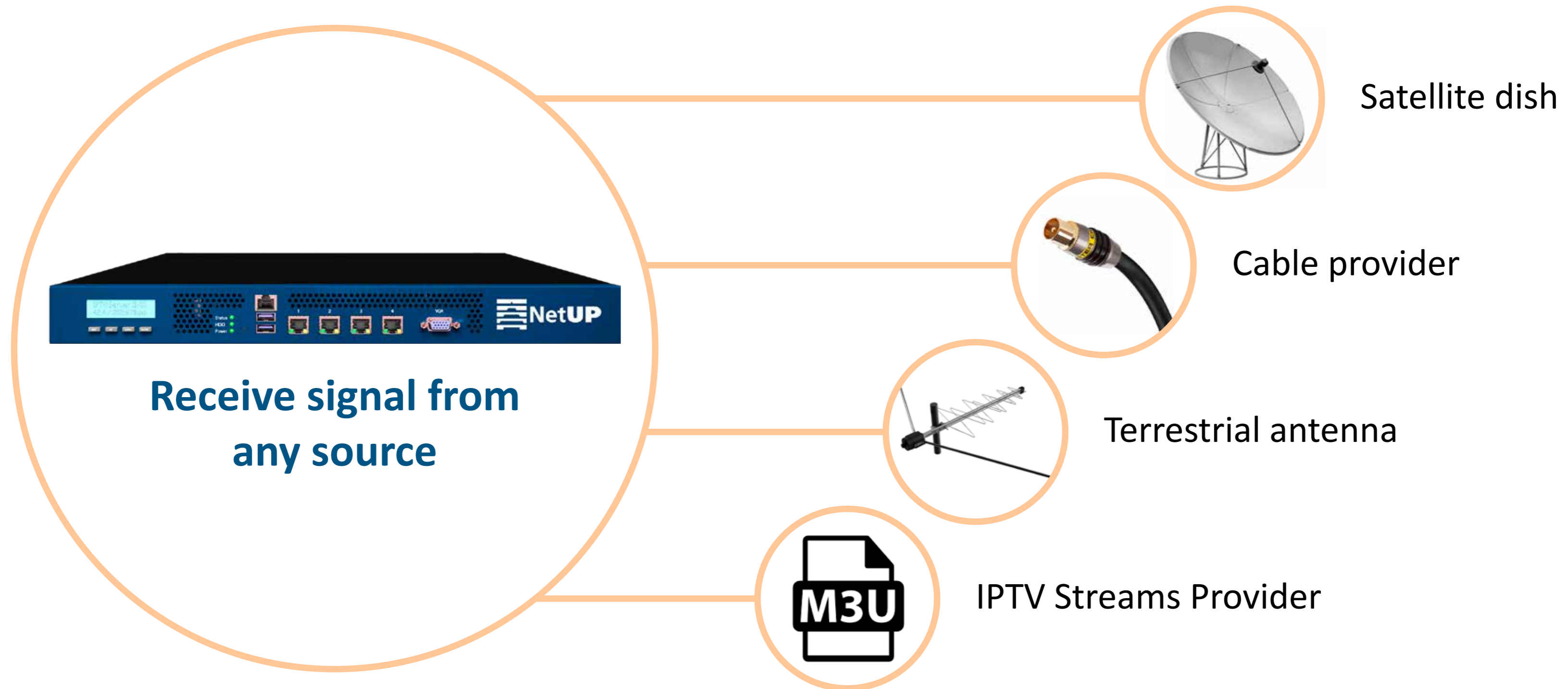
Combine 16x Hotel

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



Combine – Headend Station



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

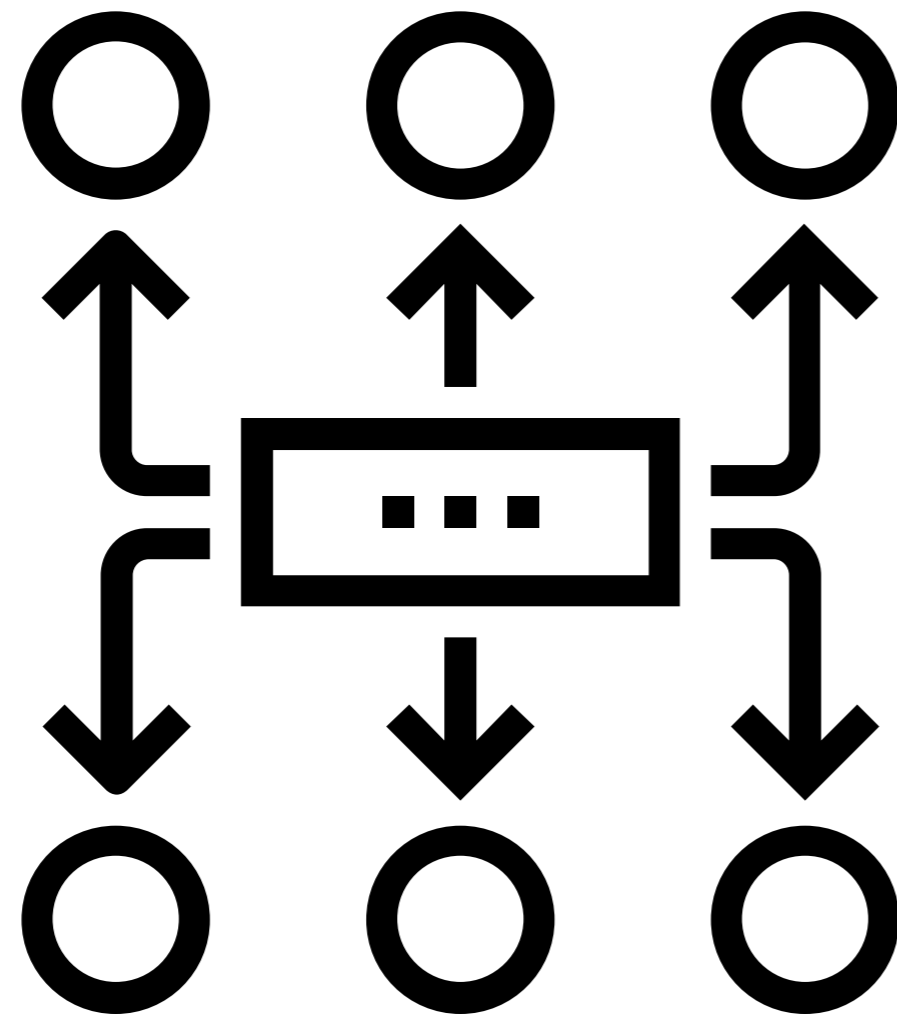
Supports
DVB-S/S2
DVB-C/C2
DVB-T/T2
ISDB-T

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

Combine – Billing & Middleware

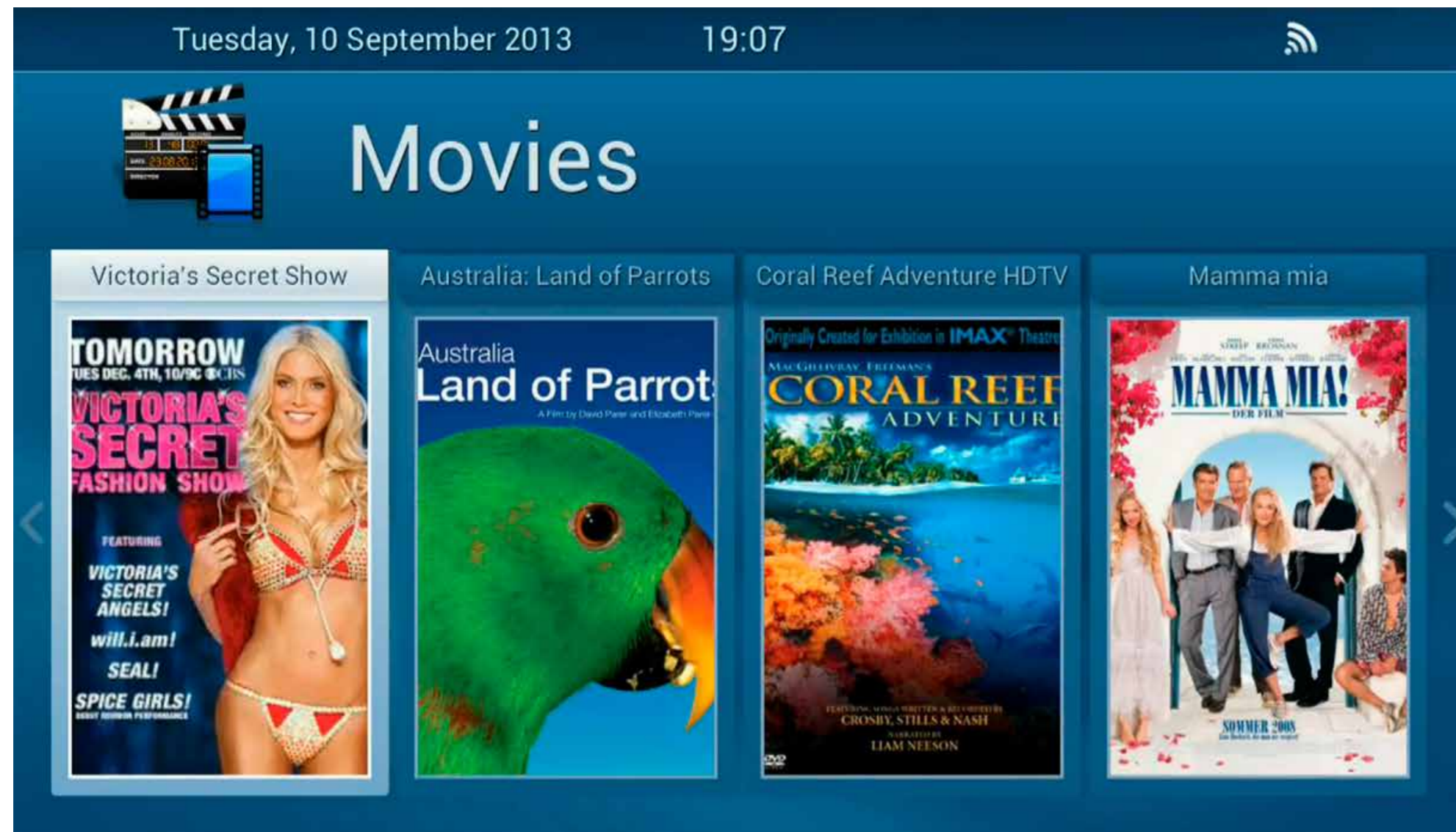


Serves up to 1000 users

Pre-installed on Combine

Manage channels and packages from single web-interface

Combine – Video-on-Demand server



Allow your customers to rent movies for a price

Video-on-Demand feature

Serves up to 50 concurrent Video views

Pre-installed on Combine

Upload movies to Combine's HDD and set your price

Combine – Android STB with Launcher



NetUP Android STB

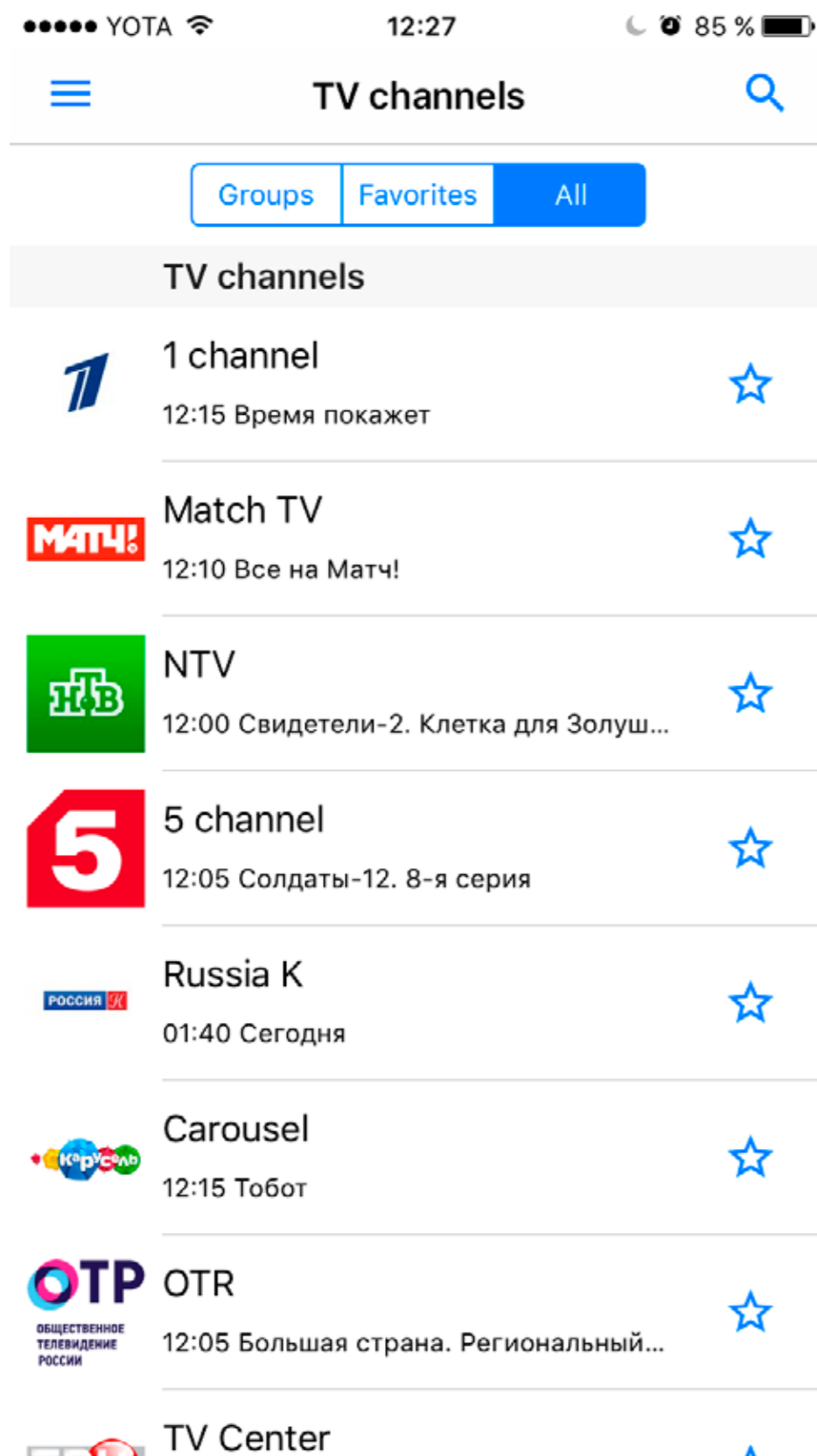
Quad Core ARM Cortex-A53 CPU
Mali 450 GPU
1GB DDR3 memory
8GB EMMC
Android OS 6.0
Support H.265



NetUP Custom Launcher and App

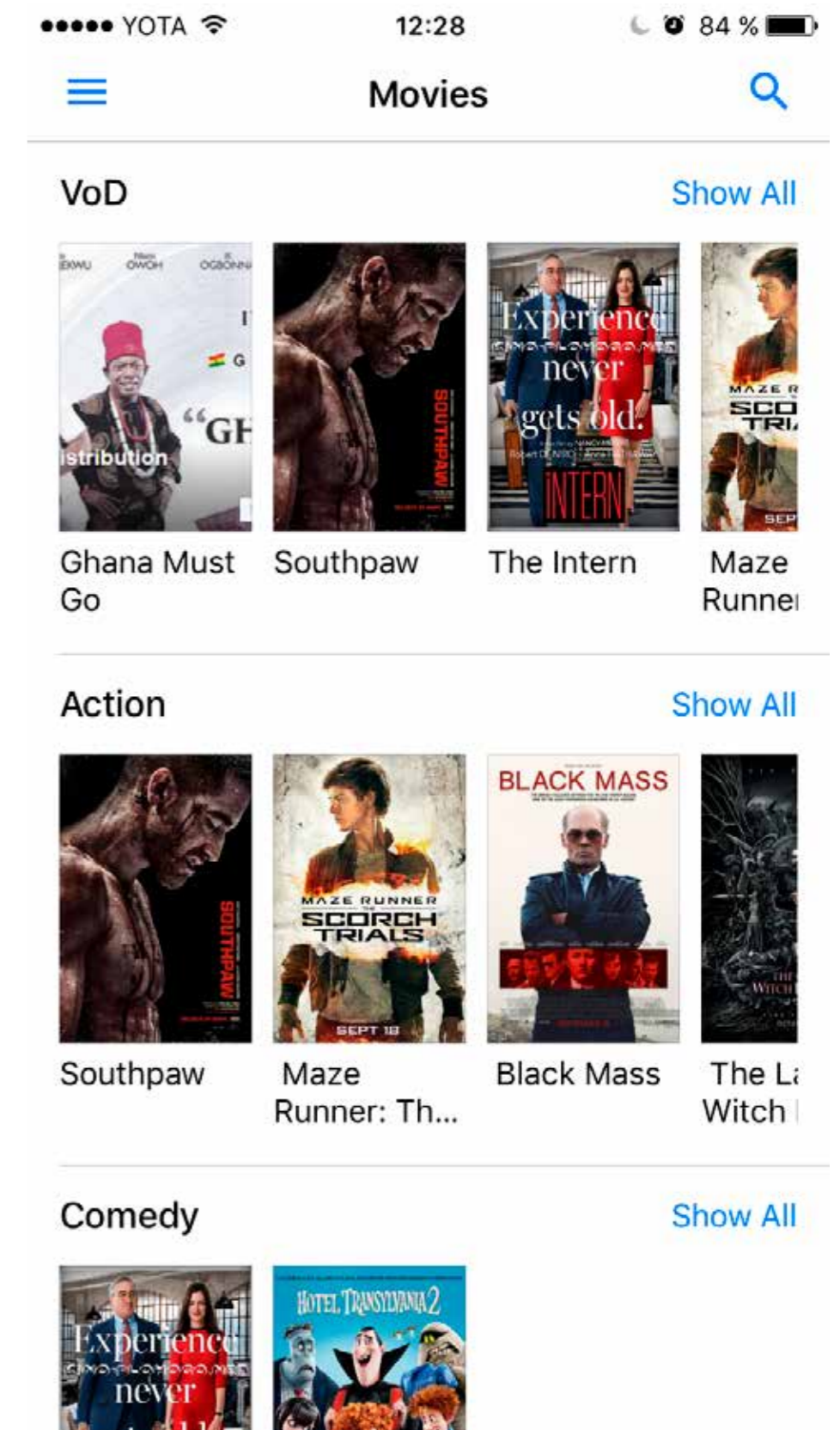
Ability to install third party apps
Customizable GUI
100% Compatibility with NetUP Middleware

Combine – iOs App



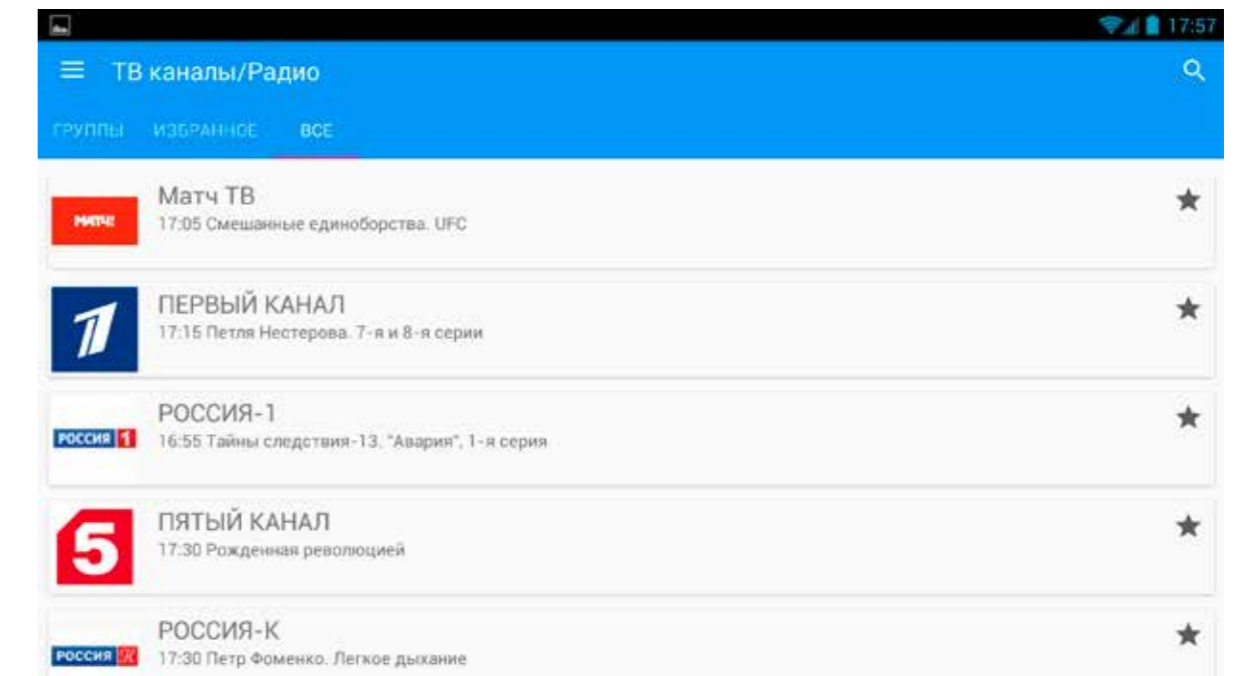
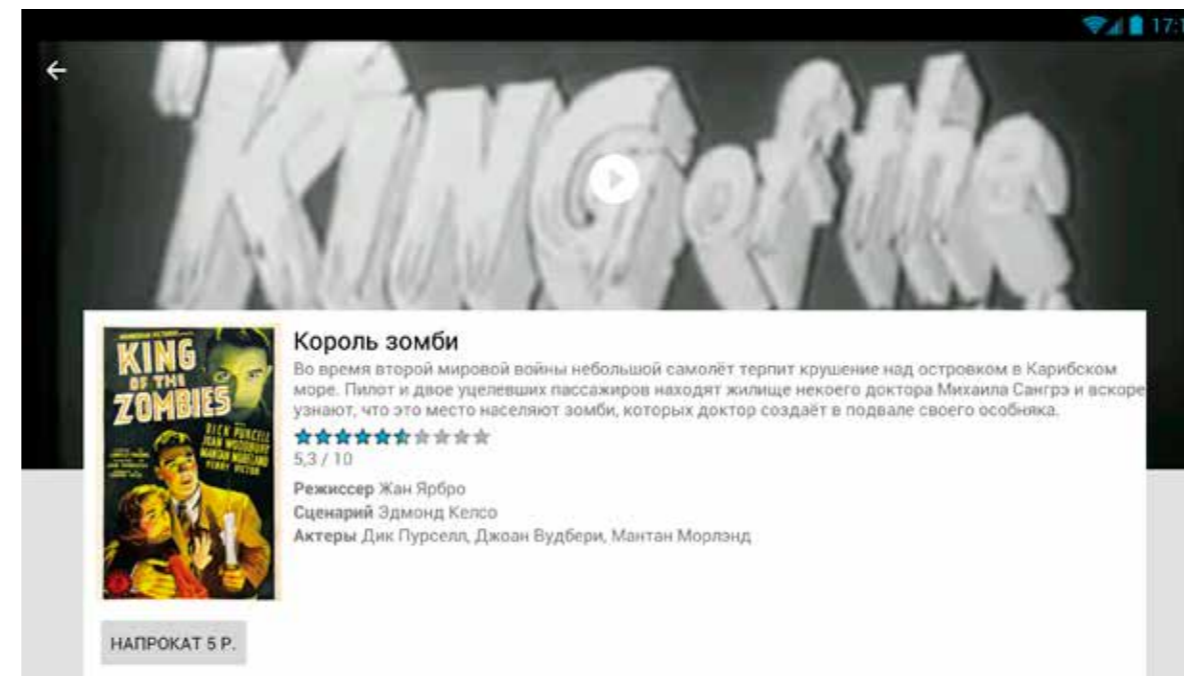
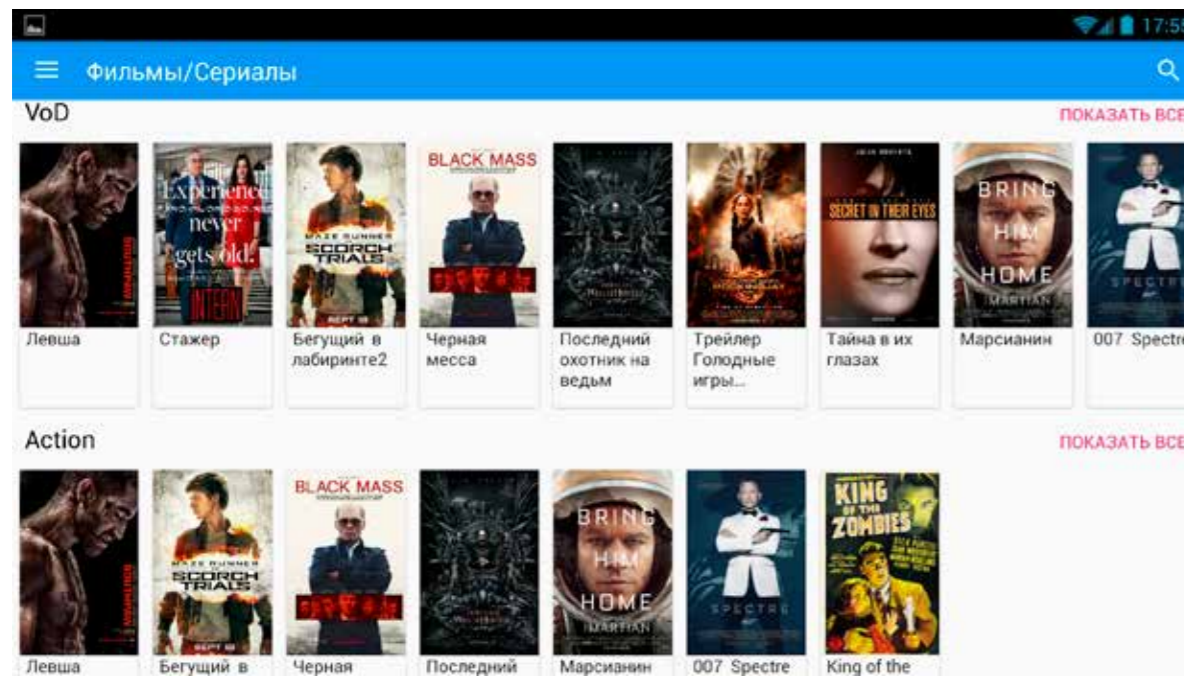
The screenshot shows the 'EPG' (Electronic Program Guide) interface. At the top, there's a status bar with 'YOTA', signal strength, time '12:28', and battery '84%'. Below the status bar is a navigation bar with a menu icon, 'EPG', and 'All'. The main content area is a grid showing program schedules for Monday:

Mon	11:30	12:00	12:30	13:00	13:30	14:00
1	Диригатор	Новое время покажет				
МАТЧ!	Лондон. Кубок мира	Евросейм на Матч!	Смешанные единоборства	Прямая трансляция		
НТВ	Подозреваю	Свидетели-2. Клетка	Сегодня	Обзор	Черное место	
5	Солдаты-12. 7-я серия	Солдаты-12. 8-я серия	Известия	Страх в твоём доме		



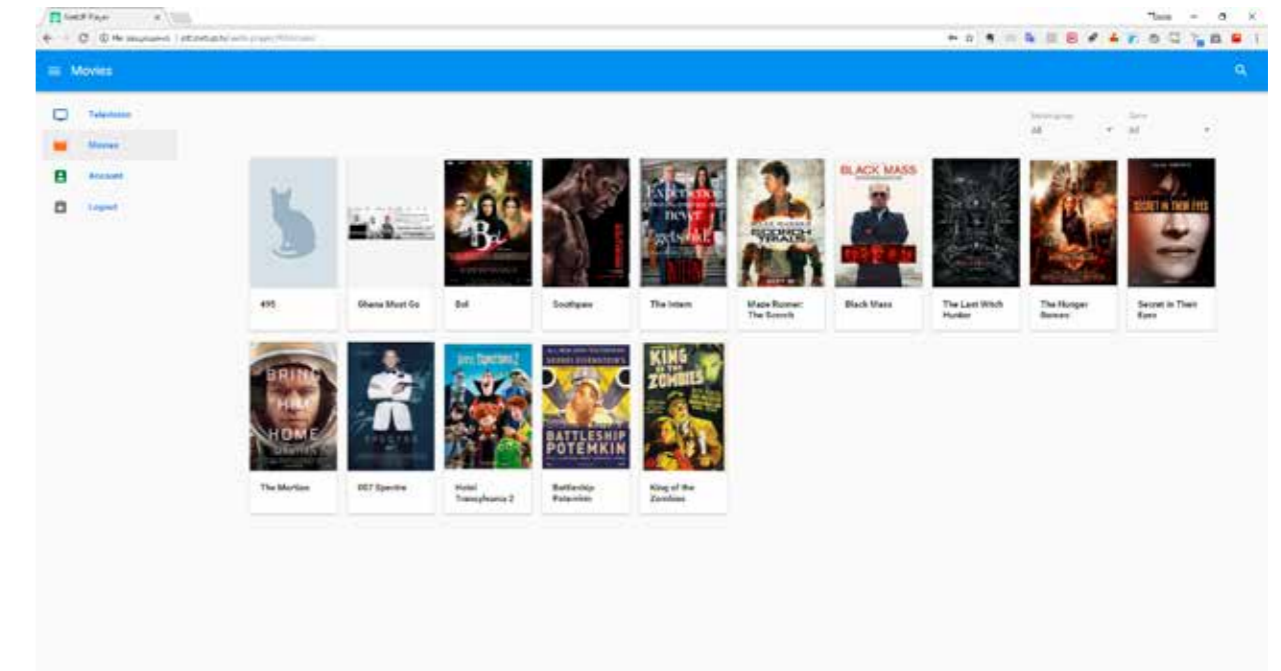
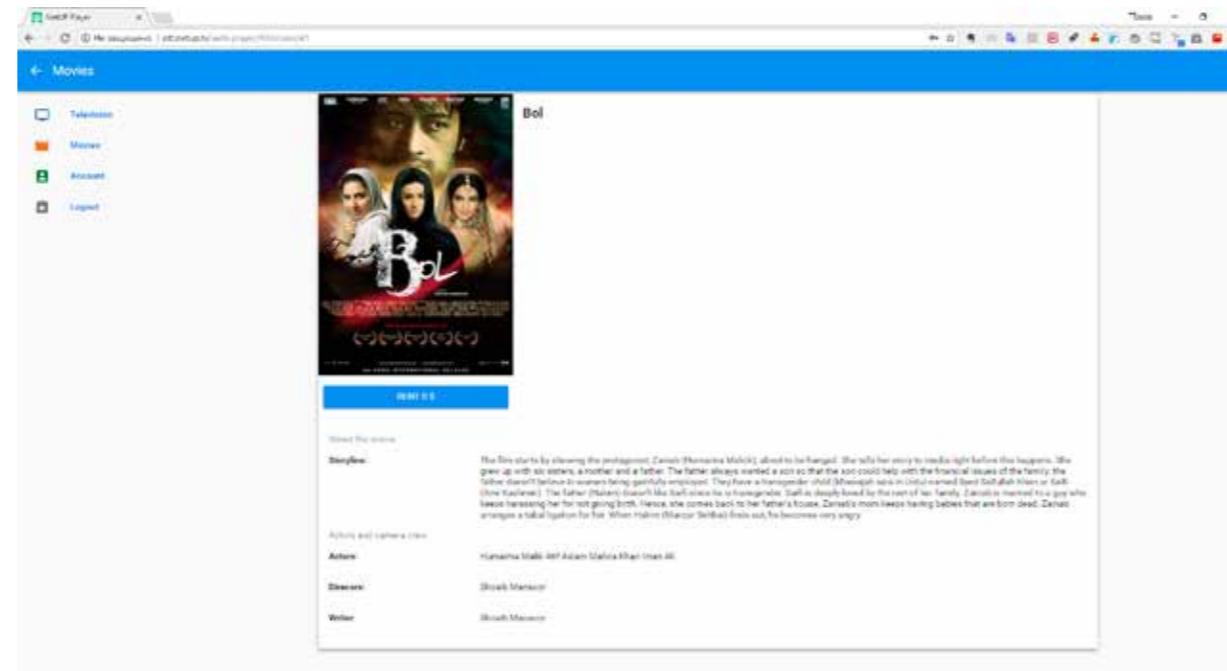
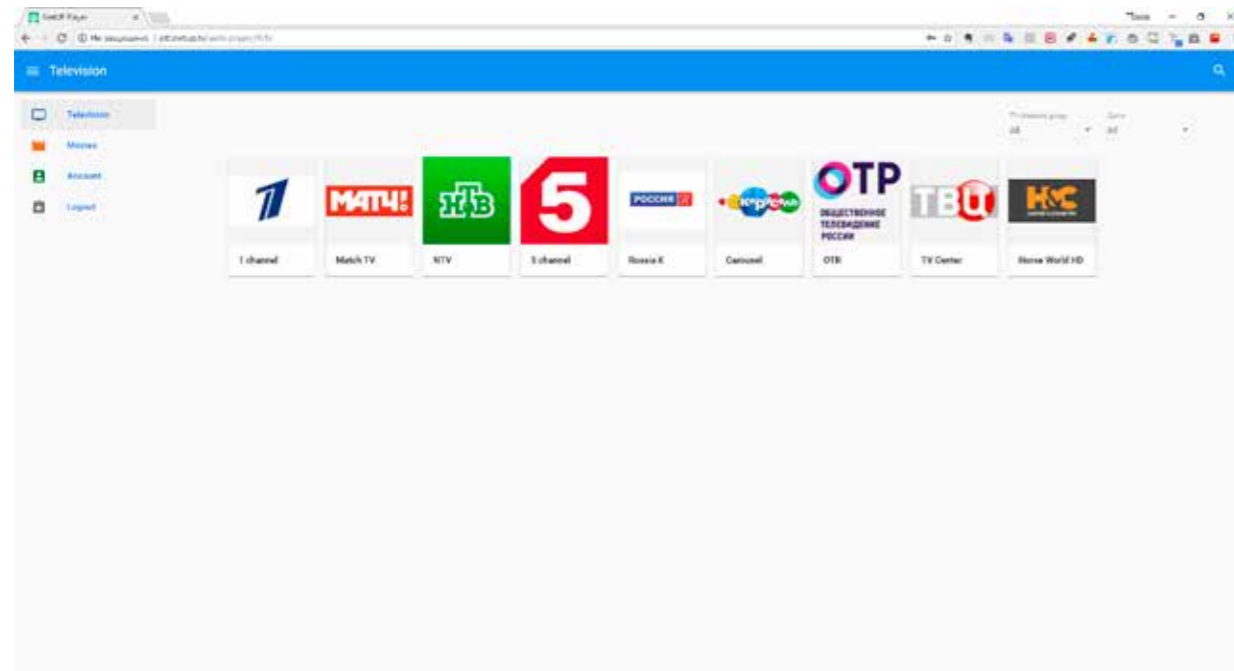
One-time
payment for
License

Combine – Android App



**One-time
payment for
License**

Combine – Web Client



**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



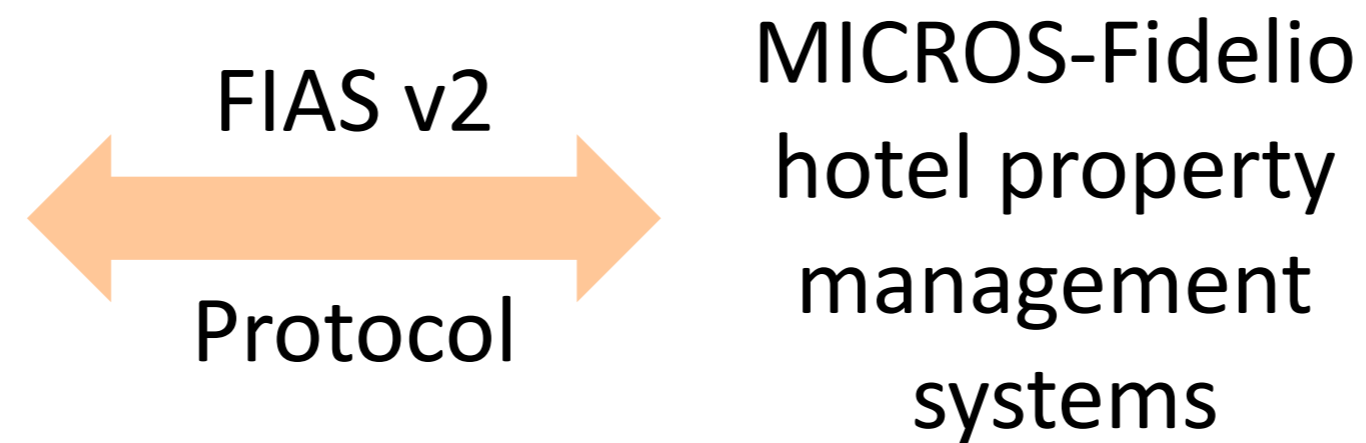
Allow your customers
to watch past TV shows

Time-Shift feature

Serves up to
**100+ concurrent
TV views**

Requires extra
hardware server

Combine – integration with PMS systems



Connect your Hotel Management System with Combine

Send messages to guests

View bills for guests

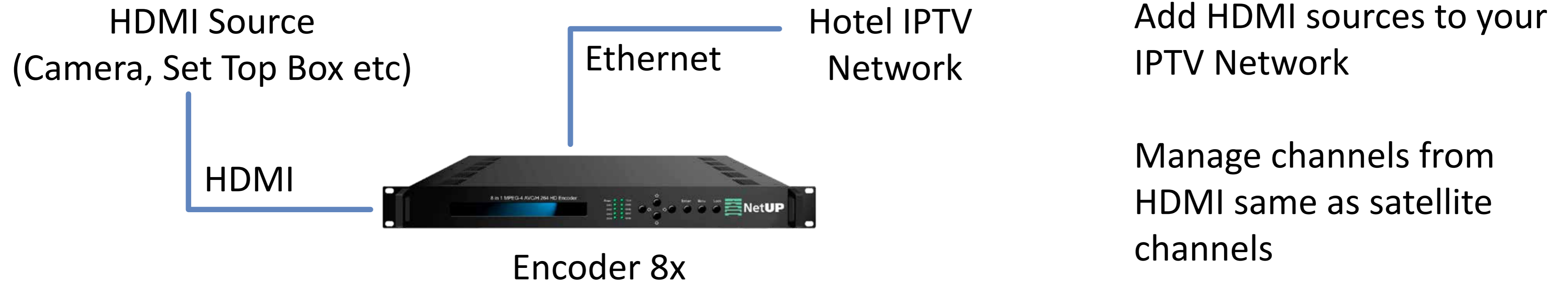
Hotel info page

FIAS v.2 protocol support

Can be installed on Combine

**Compatible with
Fidelio suite 6 / 7 / 8
OPERA
Shelter
And other systems**

Combine – HDMI Encoder



**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**

NetUP Customers

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.



Hotel "Monte Casa Spa & Wellness" Petrovac, Montenegro

Hotel "Monte Casa Spa & Wellness" trying to meet the needs of its 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.



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 chartered 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.



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!