SMARTROOM
for hotels

CONNECTIVITY SCENARIOS | Hibox Systems 23.5.2017
In-room Data Connection: Ethernet Cable (Preferred)

TV channels: IPTV multicast or unicast using the fixed data network
TV system: using the fixed data network
In-room Data Connection: Data Over Coax (Docsis)

TV channels: DVB-T2/C/S2 or analog using the coax network
TV system: using a data over coax network created with Docsis technology
The cable modem is connected to the coax and network sockets on the TV
Note: Some smart hotel TVs have a built-in cable modem for easy installation
In-room Data Connection: Wifi

TV channels: DVB-T2/C/S2 or analog using the coax network
TV system: using the Wifi network
Note: The Wifi connection can be unreliable in congested areas
Typical Network Setup with Local Hibox Server

- Headend
  - TV VLAN
  - NIC 1 (eth0)
  - NIC 2 (eth1)
- Hibox Centre Server
- Customer Admin PCs
- Booking System
- Internet
- Site-to-site VPN
- ADMIN VLAN
- Hibox R&D office

- R&D office
- TV
- Headend
- Internet
- Site-to-site VPN
- Hibox R&D office
Typical Network Setup with Hosted Hibox Server

- **Hibox R&D office**
- **Hibox Centre Server**
- **Headend**
- **Internet**
- **Firewall**
- **Customer Admin PCs**
- **Booking System**

Hosting by UpCloud, Amazon, SI partner or other third party
Server Layout for Multi-Brand Chains (Example)

- Chain Hotels Brand 1
- Chain Hotels Brand 2
- Chain Hotels Brand 3

TV SYSTEM SERVERS

HIBOX SERVER 1

HIBOX SERVER 2

HIBOX SERVER 3

HIBOX MASTER SERVER

MARKETING DEPARTMENT
Our job is to make your TV service look and feel great. We have more than a decade of experience with digital TV for hospitality and we'd love to work with you.