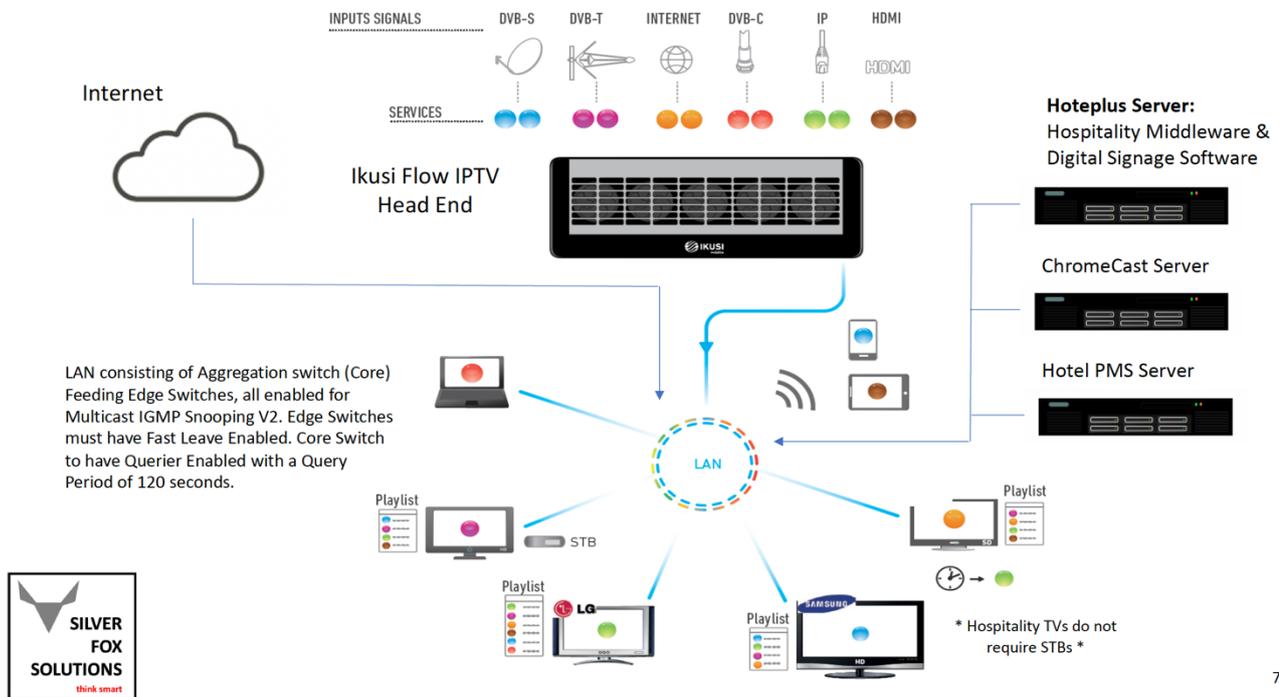


## Hospitality Info-tainment Platform

Hoteplus Middleware with ChromeCasting & Digital Signage + Ikusi Flow IPTV



### Hoteplus Hospitality Info-tainment Platform:

Hoteplus has been designed with the latest technologies with key features being the lightweight operation and real-time two way communication between peripheral devices and the Hoteplus server. The Hoteplus platform offers the ability to manage a large variety of devices such as TVs, browsers, mobiles and tablets, in order to offer a unique and unified experience for your guests. Meanwhile it can offer control for various aspects of the property for hotel staff through a responsive, mobile friendly web user interface. Hoteplus unifies and binds new hospitality technologies that normally work as standalone, in a user friendly way, in order to provide increased control and functionality to your property. The following services provided as Hoteplus modules, work and co-operate together:

- TV infotainment
- ChromeCasting
- PMS connectivity
- Monitoring and notification
- Mobile experience (TV on mobile, room control, etc)
- Smart Room bidirectional monitoring and control
- Housekeeping and Maintenance binding
- FastAct tablet device
- Digital Signage

## Features:

### Hoteplus Middleware core module

The Hoteplus “brain” which is responsible for every operation of the system, is the Core module. It offers all the necessary functionalities for TV management, and infotainment interactions. Core module’s main features are:

- **Interactive:** Real time bi-directional communication between Hoteplus and devices.
- **Remote Commands:** Real time remote commands can be sent to TVs. That way we have full remote control over the TVs. These commands include:
  - Power On / Power Off / Restart
  - Volume change
  - TV Wifi control (On/Off, change SSID, Channel and Strength)
  - Change Viewing Channel
  - Change Input Source
  - Virtual Remote Control
  - Send Alert (evacuation)
  - Send information actions (message, split-pane, ticker, popup)
  
- **Project management and deployment:** Hoteplus comes with a built in content designer with great flexibility. It includes a variety of templates that can be used, a variety of elements (text, buttons etc.) and widgets (flights, e-radio, WiFi, etc) that can be used for project designing. The content can be deployed in separate groups, or all devices, even live with the “Live Update” feature.
  
- **Channel Management and deployment:** Hoteplus is able to handle all possible types of channels (hybrid channel map). Channel deployment is also flexible with separate channel lists for separate clients (groups). Channels can be:
  - IPTV Channels
  - RF (DVB-S/S2, DVB-T/T2, DVB-C), either analog or digital
  - Channels in TV’s local channel list
  - Video files, either in server’s library or online video files
  
- **Platform widgets :** Hoteplus comes with numerous widgets to improve guest experience:
- Guest satisfaction Questionnaires
- Weather with 7 days forecast
- Local airport flights (Arrivals/Departures)
- E-Radio with more than 10.000 stations worldwide
  - Channel List
  - Messages
  - Bill View
  - Wake Up alarm
  - Sleep Timer
  - Fully customizable advertisements, tickers, split-panes and pop-ups
  - Action Timers
  - More coming

- **Device based widgets and applications:** Hoteplus can encapsulate the native functions of TVs and provide the full functionality to the end user:
  - TV's WiFi control
  - TV Apps (Youtube, Browser, etc)
  - Screen Mirroring
  - Mobile Content Sharing
  - Bluetooth Music Player

**Example Screenshot of Hoteplus Dashboard:**



- **ChromeCasting:**

Hoteplus ChromeCasting is facilitated by dedicated ChromeCast Servers which are hardwired to the Lan network. This architecture is a very stable way to add ChromeCasting as the WiFi network is kept free for other services. The Server software is very secure and no guest details are retained, once the guest checks out, all information is securely deleted.

## PMS Module

PMS integration is natively supported in the Hoteplus platform. By using PMS module we have a massive improvement in the guest's experience. Functionality and interactivity of Hoteplus is extended and personalized since the system is able to perform:

- **TV Check In:** TV's enter "Checked In" state, with the optional ability to turn on automatically. Also various features and widgets are enabled, or their operation is enhanced (bill view, messages, etc).
- **TV Check Out:** TV's exit the "Check In" state, with the optional ability to turn off automatically. Guest's private data is cleared, widgets remove guest specific information and TV's WiFi password changed.
- **Welcome Message:** Welcome Message is the first interaction that guest has with the TV. Welcome Message is designed through the Hoteplus designer, with great flexibility regarding its appearance and is shown once every time a new guest is "Checked In".
- **Project language:** in TV project automatically changes to the guest's speaking language if available (English is the main language and default, if guest's language is not available).
- **Bill View:** Guest can view the current bill status, with details regarding the charged service price and date. Due to Hoteplus real-time nature, this data is always fresh.
- **Guest messages:** Messages sent from PMS to a room or guest are automatically shown to the guest's TV and archived for future access.
- **Auto sort channel list:** Channel list is auto sorted to guest's native language, bringing first the channels of guest's language.
- **Room charge:** With the PMS Module we have the capability to route charges directly to PMS.

## Smart Room module

Smart Room module extension is designed to cooperate with core and other modules, to get the most from the smart room equipment. With the smart room module enabled we can have:

- **In project smart room control:** Smart room widgets are unlocked in project designer, and can be used in project creation. Guests using such projects will be able to control their room equipment (lights, Air Conditioner, DND etc) interactively through their TV.
- **Smart Room monitoring:** Smart room module provides an interface, where hotel staff is able to easily observe the current status of each room. The status is automatically and real-time refreshed, when room conditions change.

## FastAct device

Fast Act device is designed to handle all emergency situations in a fast and reliable way. Actions such as fire detection, bathroom cord pull or anything else that needs our immediate attention is gathered in a "fast act" device. Fast Act device monitors and creates notification for critical situations. It also provides a way to trigger customizable emergency events to the TVs, with a touch of a button. The messages and buttons that are used, can produce different messages and sounds in the TVs, and can be predefined in the Hoteplus web interface. Immediate Action device can be used for:

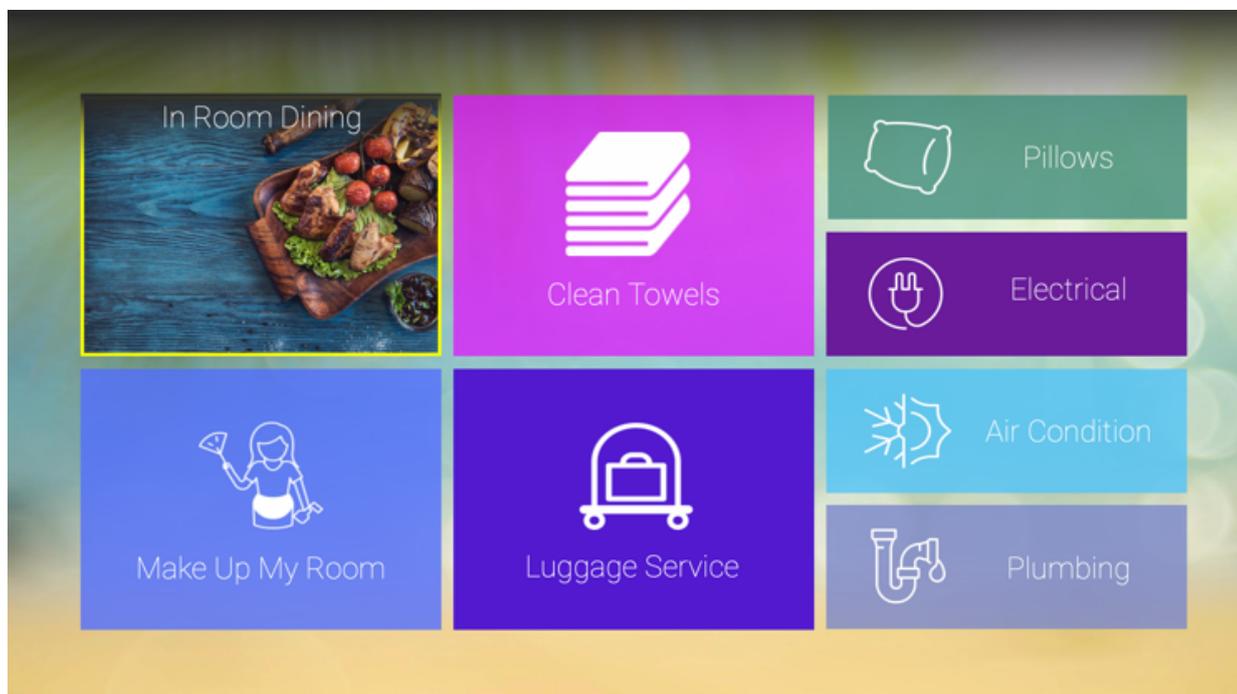
- Rooms monitoring (Check status, guest presence, DND, Clean My Room and more) (Smart Room Module required for some features)
- Bathroom cord pull alerting (Smart Room Module required).
- Rooms smoke detectors alerting (Smart Room Module required).
- Send Evacuation message to TVs.
- Service requests are shown with their progress
- Bookings are shown

## Example Screen shots of TV using HotePlus middleware

### Home Screen



### Hotel Services



For more information, visit <https://silverfoxsolutions.co.uk>