

Better Life With Smart Media & Things



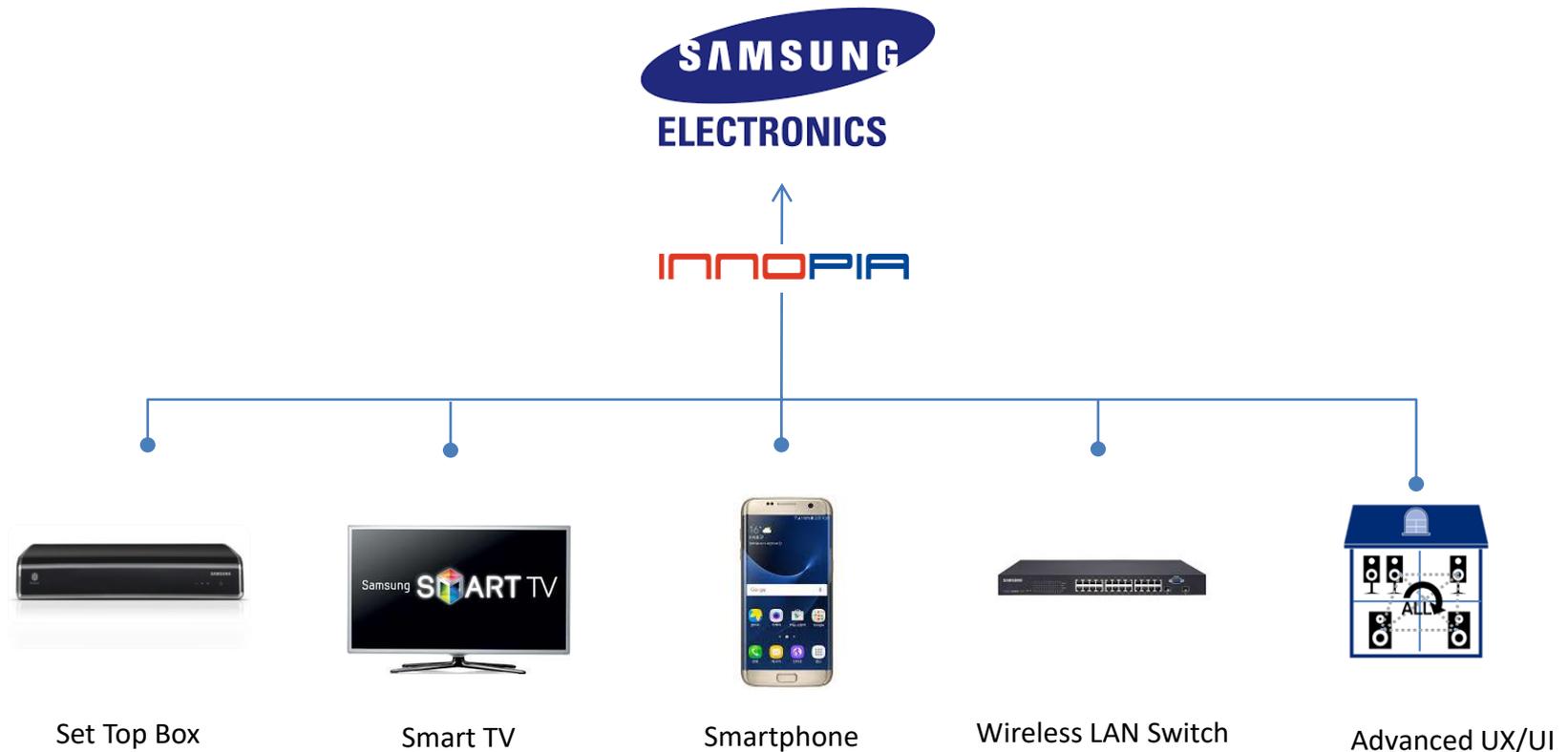
Video & IoT solution specialist

Innopia Technologies, Inc.

Core Competence

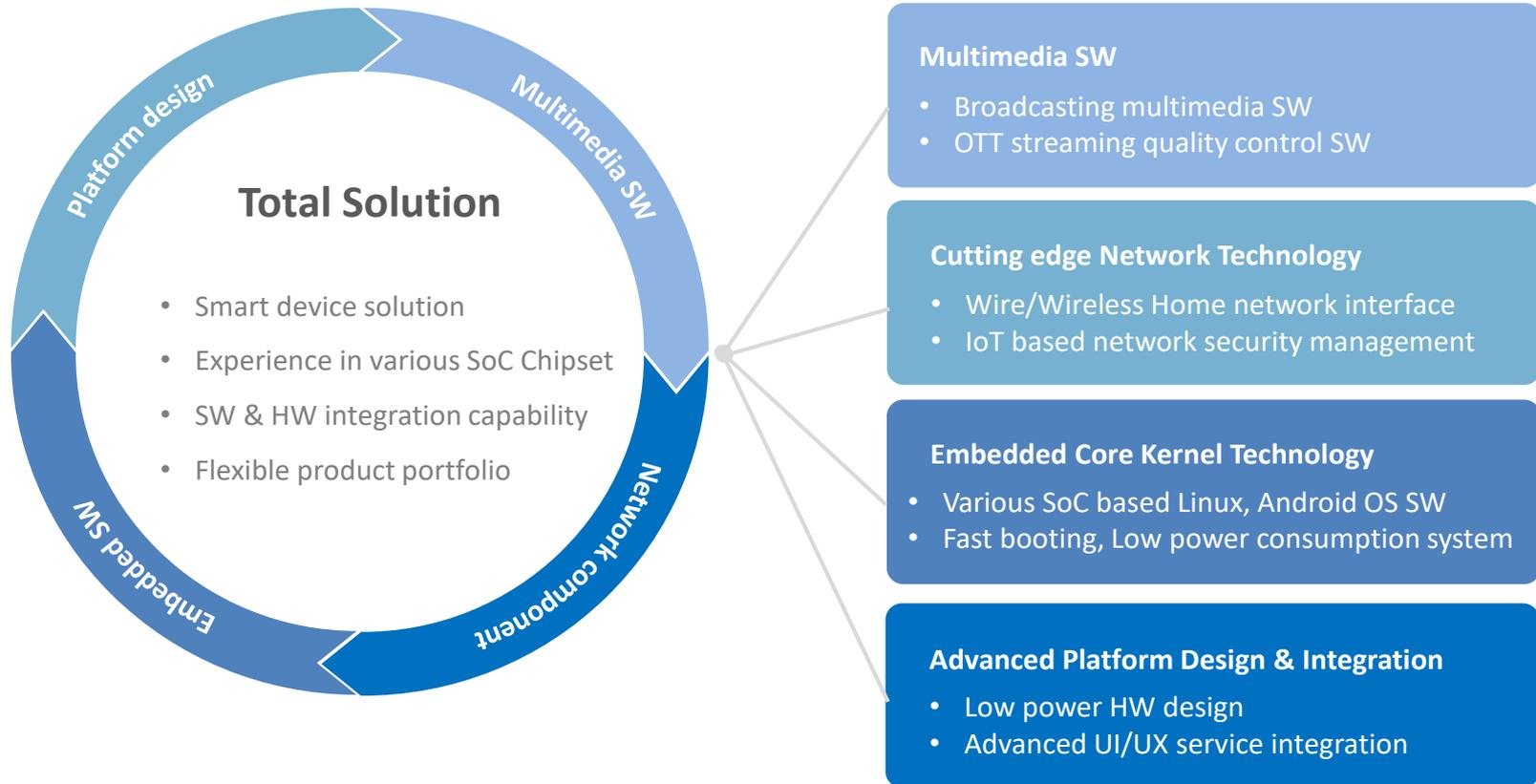
Design house for Samsung products over 15 years

- Strategic development partner since 2000 based on embedded SW and network technology.
- Experienced advanced development of media products including smartphones, smart TVs and Set Top Box.

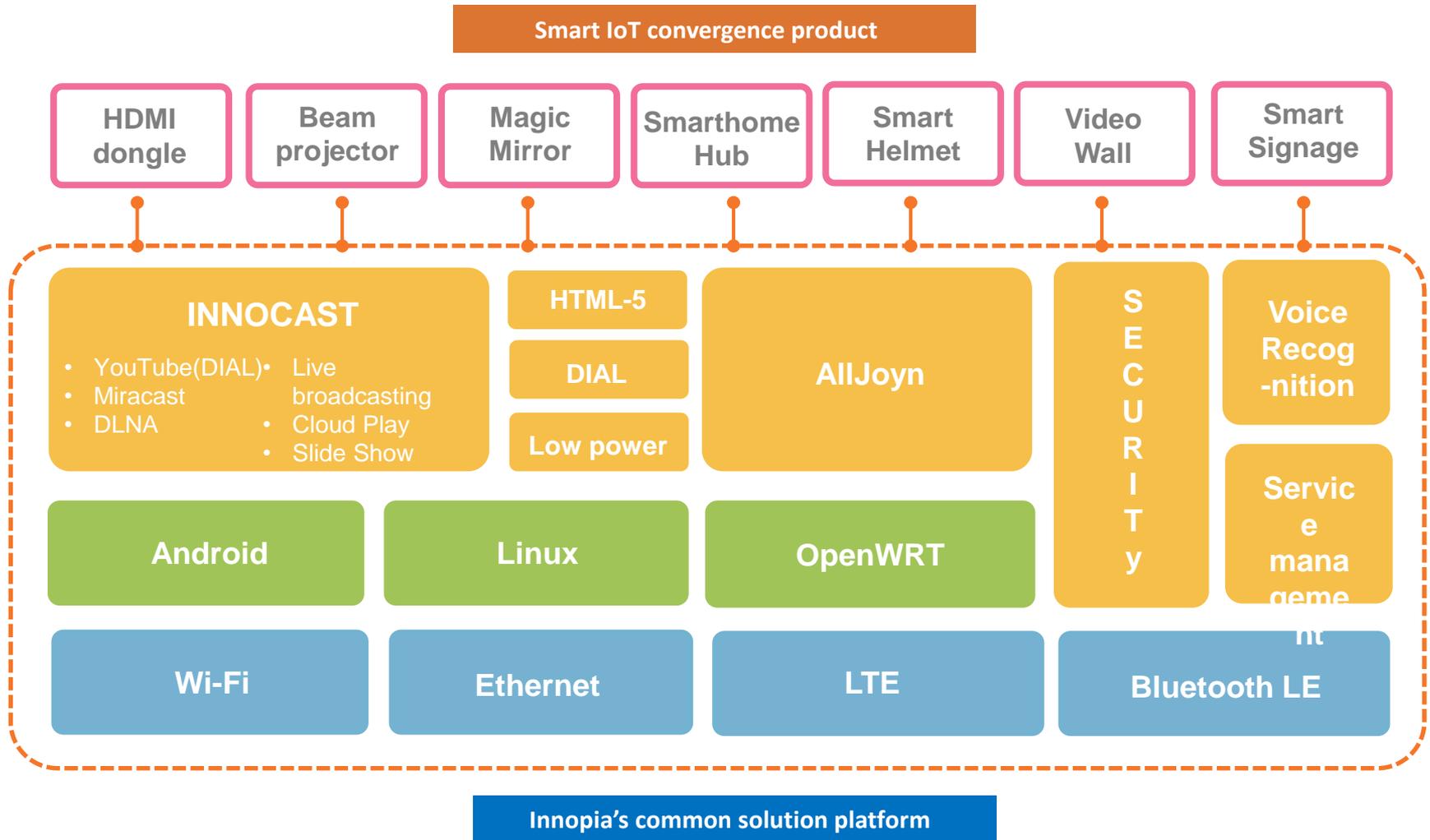


Core Technology

- Innopia Technologies provides total embedded system solution based on various OS and network component technology



Various products design capability



All-IP Smart Home Product Portfolio



Video Service Client

- IP Set top box
- Wireless HDMI Stick
- Wireless smart beam projector

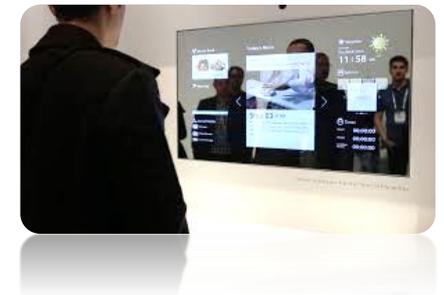
**Specialized in
Wireless video service**



IoT Gateway

- Multi-protocol bridge gateway
- Smarthome AllJoyn IoT package

**Specialized in
Multi network protocol bridge**



Smart Display

- Magic Mirror
- Smart Signage

**Specialized in
cloud streaming**

Video service client

4K HDR HDMI Stick

- The most cost effective 4K HDMI stick with embedded HTML-5 browser.



- **Optimized memory solution with DRAM 1GB and NAND 512MB based on Linux OS**
- **4K@60fps HEVC decoding in the smallest form factor**
- **OTT service in concurrent mode over Wi-Fi 802.11ac 2T2R network**
- **High Dynamic Range HDR10 standard support for vivid and accurate color expression**
- **Supporting optical digital audio SPDIF output**

4K HDR HDMI stick service



Unique IP-based video service architecture

- Innopia offer unique IP video streaming solution which enables real-time TV service over Wi-Fi on TV screen through cost effective IP client device with interactive mobile SW for smartphone.

Wireless Linear TV service



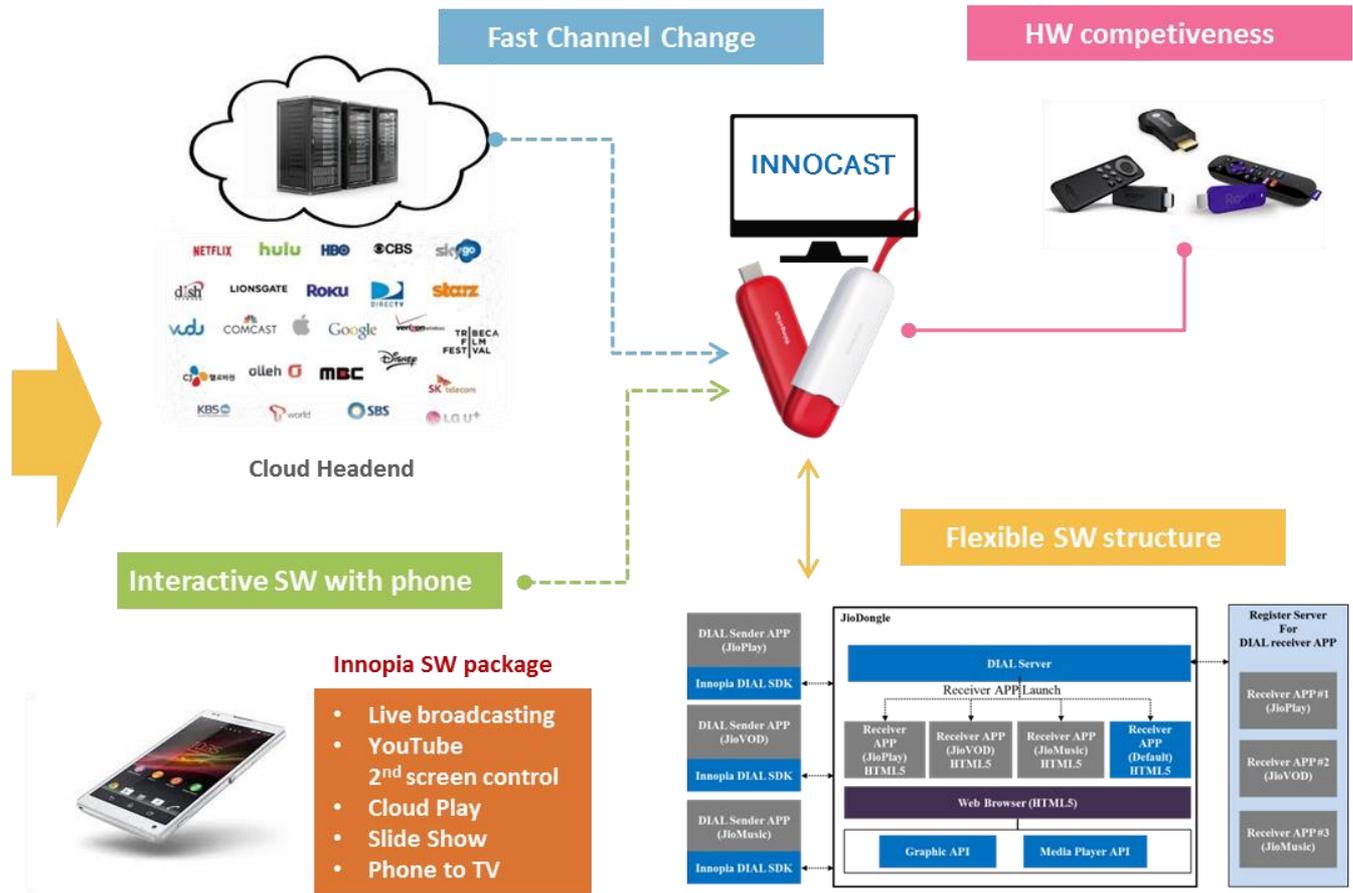
<Real time live TV service >



<Leanback channel service >



<BLE remote controller >



Market Reference



World 1st FHD Live Pay TV
dongle over Wi-Fi
for Cable TV in Korea



Live TV and VOD service
with 2nd screen UX
for LTE Telco in India

Our wireless video service solution



- ✓ Only for Pay TV contents
- ✓ Customizing for Pay TV UI/UX
- ✓ Remote controller
- ✓ Proven RF performance for video streaming in small form factor

Next generation 4K IP Set top box

- IPTV service set-top-box with hybrid user experience for new generation of Pay TV subscribers



- Hybrid User Experience with combination of physical remote controller lean back service and smartphone 2nd screen controller
- Strong and powerful embedded FX UI graphical engine for smoother animation
- Powerful 4K quad core ARM CPU with more than 18400 DMIPS
- Low power consumption and power saving standby mode support

New generation 4K IP set top box service



MagicSwitch

- Smart media & IoT enabler with auto HDMI switch function for any non-smart STB.



- Offering additional smart service features for the existing non-smart STB or TV
- Linux OS based “MagicCast” service: Miracast, Phone to TV, YouTube and MagicLive
- Auto HDMI switch without any key input by remote controller or TV button
- Powerful quad core ARM CPU with more than 9400 DMIPS for auto switching function
- Support wire/wireless network connectivity

Leveraging infra structure



USB Wi-Fi PVR dongle

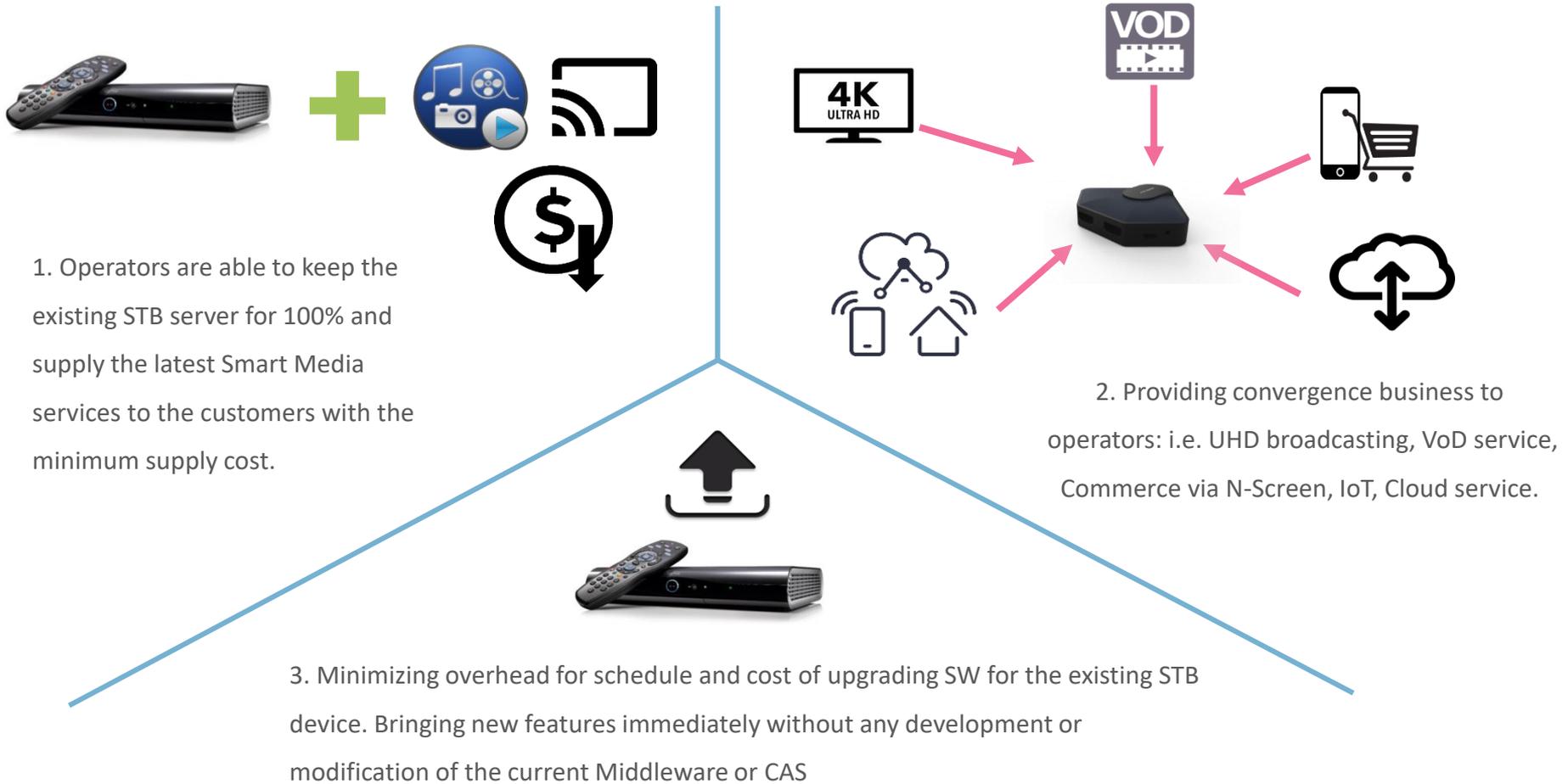
- Wi-Fi connectivity
- 32GB flash memory



Minimize Churn out

Higher ARPU

Why MagicSwitch?



MagicSwitch service



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INNOPIA

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Thank you.