A photograph of a desk setup. In the foreground, a white speaker with a blue grille is mounted on a wooden stand. To its right is a large computer monitor. On the desk, there is a small figurine, a keyboard, and a white mug with a black design. The background shows a window with a view of a city skyline.

Media Network Solutions
for STB and Home Gateway

How could STB and Home Gateway manufacturers add value to their products and services?

Companies aspire to provide services that meet their client's needs.

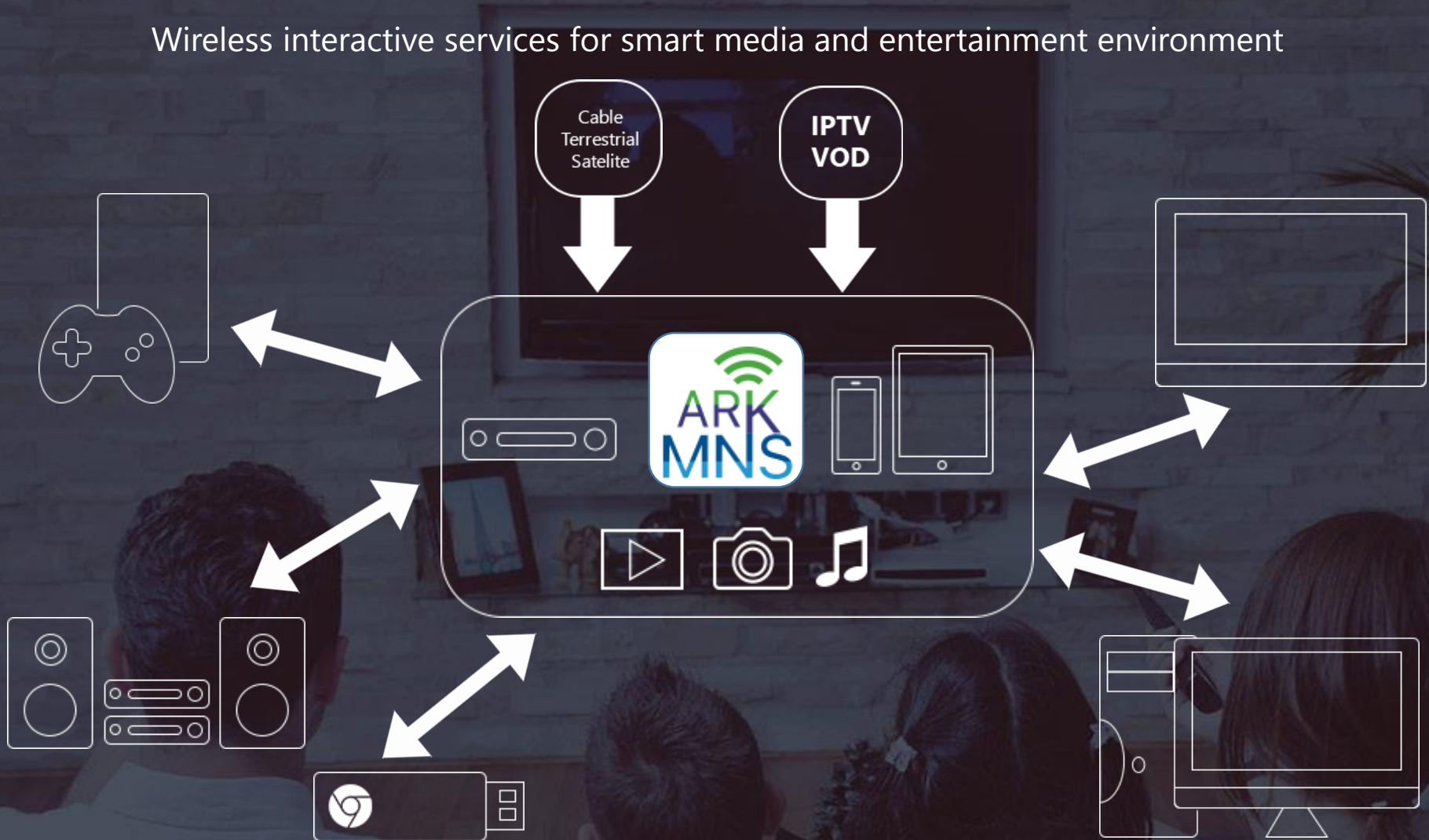
They try to offer a smart solution to get a fully satisfied client.

Today's consumers are technically savvy and highly demanding. They will choose the supplier who gives them the best integrated features and value for money.

Turn-key solution for home media



Wireless interactive services for smart media and entertainment environment



sharing, streaming, control of video, photo, audio, TV content within the home network

Market proven

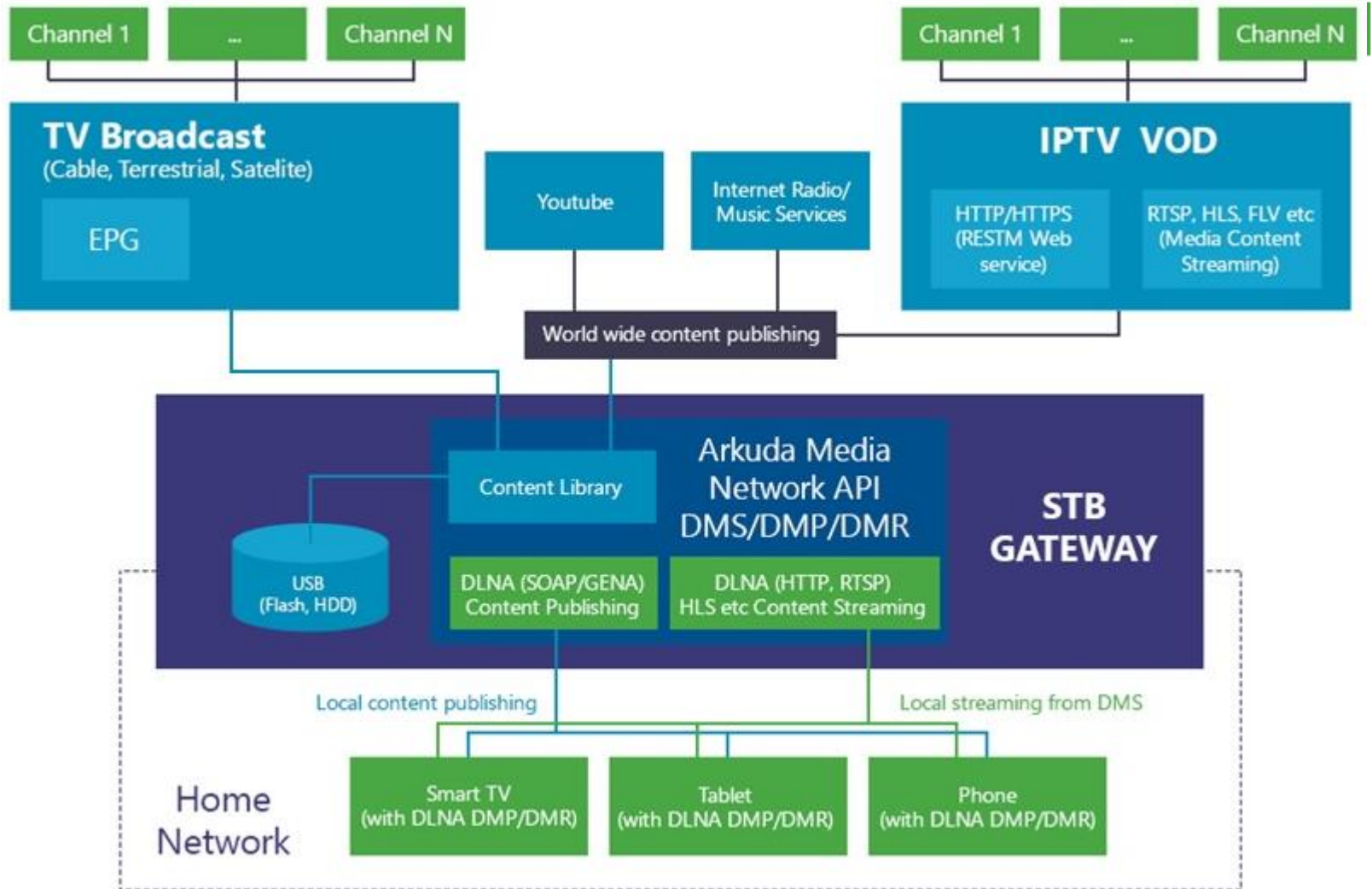


Arkuda Digital has market proven apps
in App Store and Play Market

with more than **2M+** installs and **500K+** active users



Integration architecture



Arkuda Digital extends Media Network API based on WAMP (Web Application Messaging Protocol).

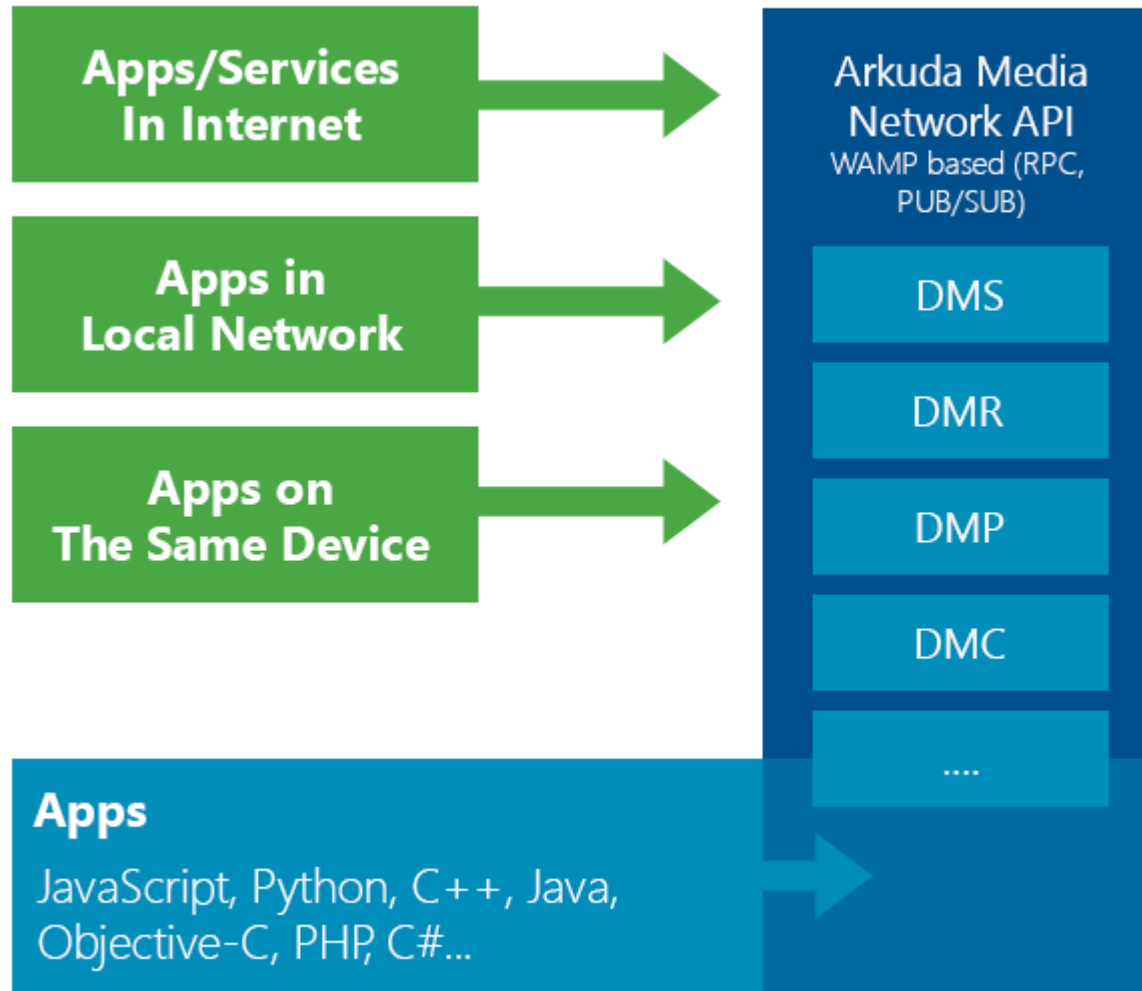
With it you can plug-and-play any app components no matter on what languages they are written in.

Media Network API is based on microservice architecture.

Could be easily integrated into existing apps, or build UI on top of it in short terms, including browser based.

So, our approach fulfills all media network application communication needs.

Media network API



Features



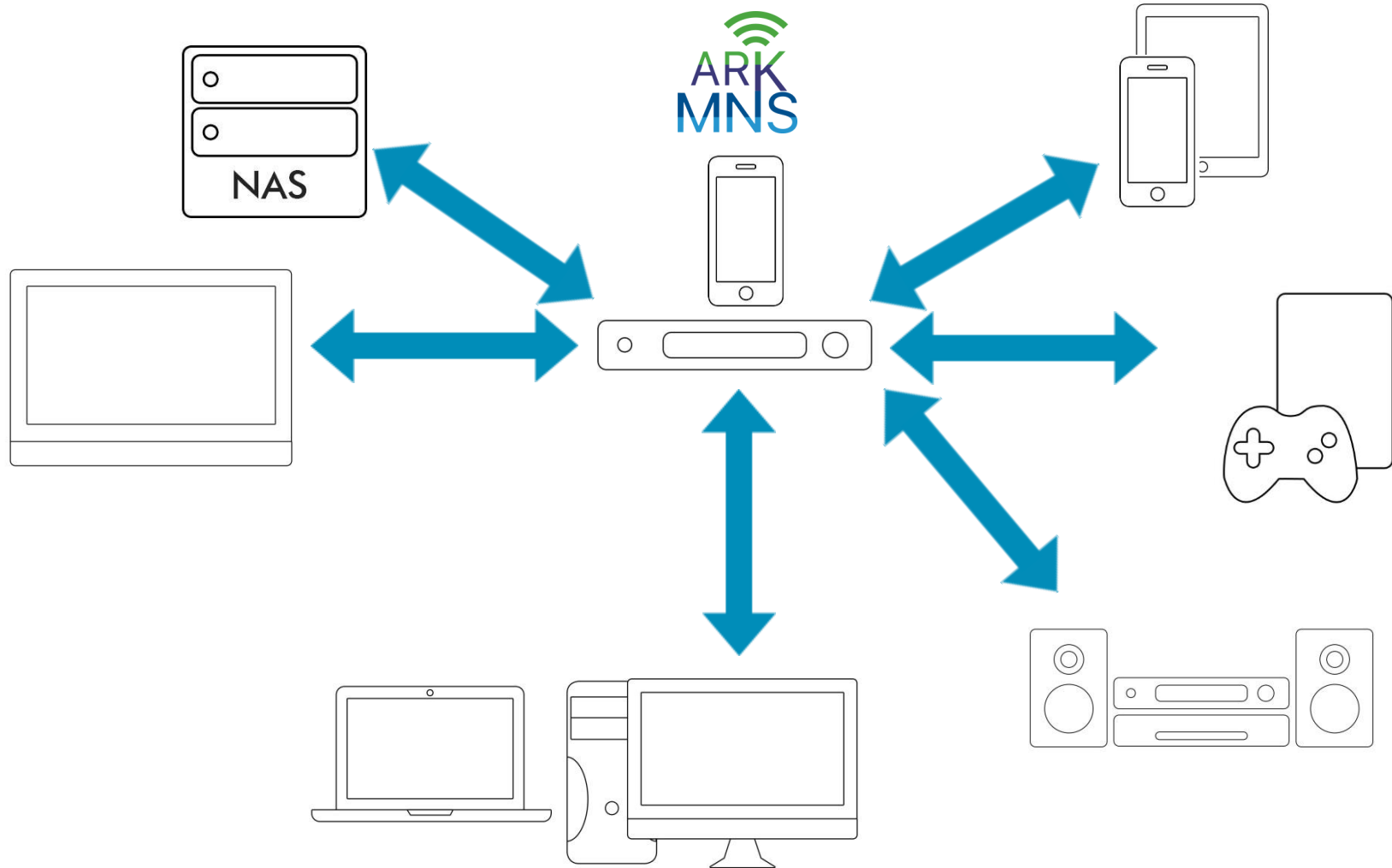
- Multiroom and Multistream functions
- Stream different channels on different screens simultaneously
- Stream music and audio files
- Stream video from STB, home Gateway, mobile devices
- Fast, reliable and easy implementation of IPTV
- Sharing TV content with all screens and devices in household
- Add extra features like YouTube, internet radio or music streaming services and home media sharing
- Adaptive Streaming support
- DTCP-IP support



Use Cases

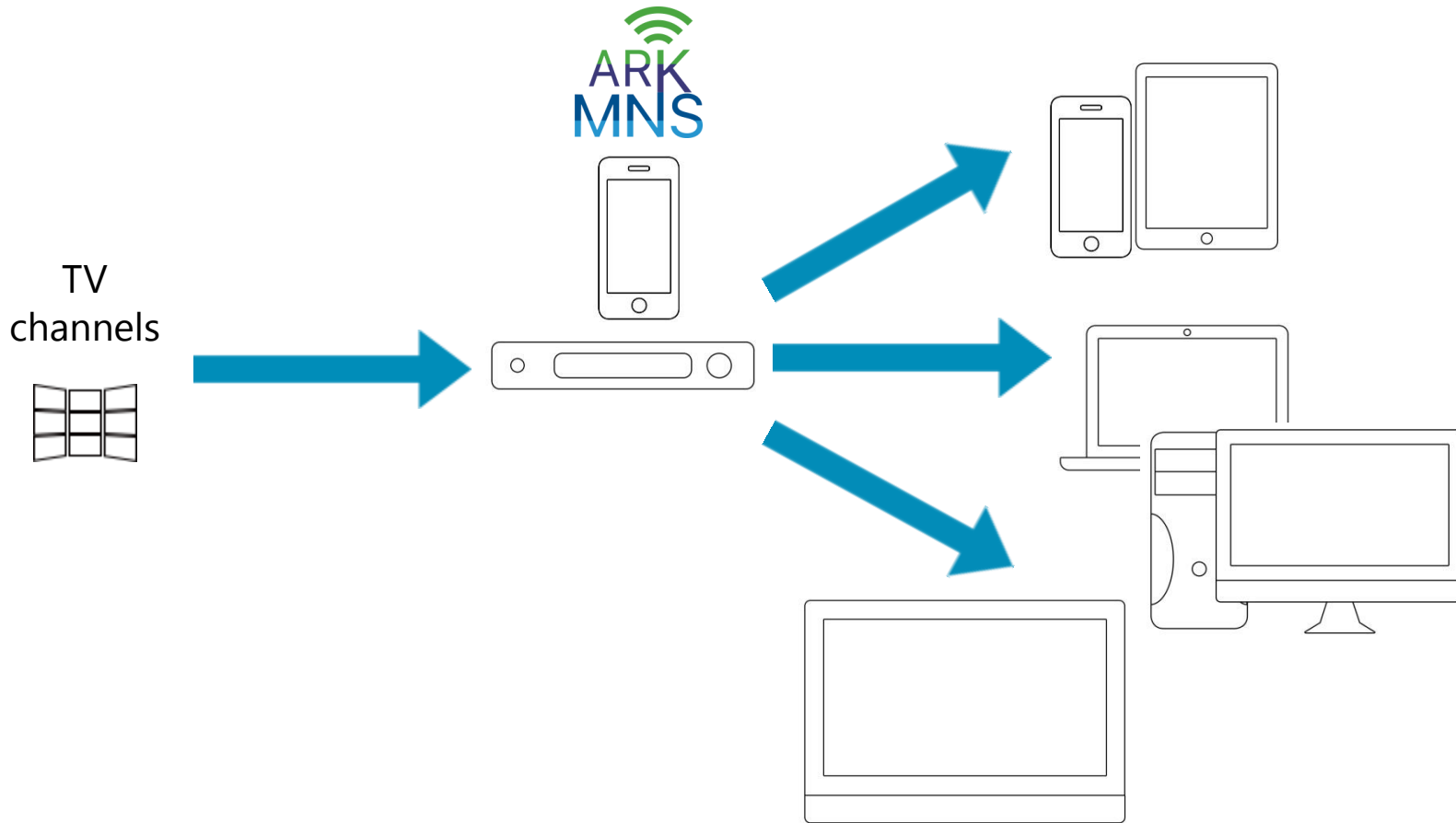
Case 1

Home media network



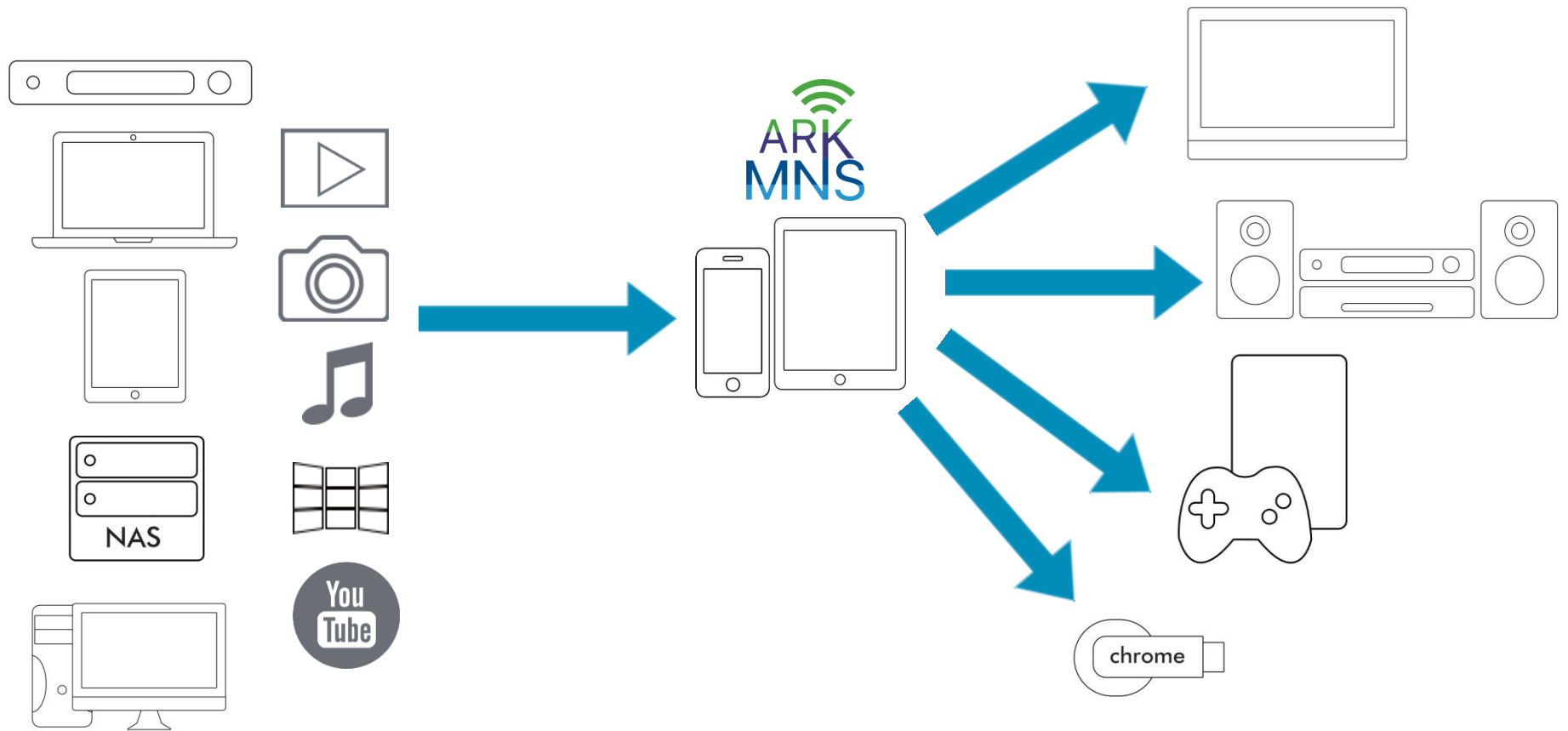
Case 2

Share TV channels



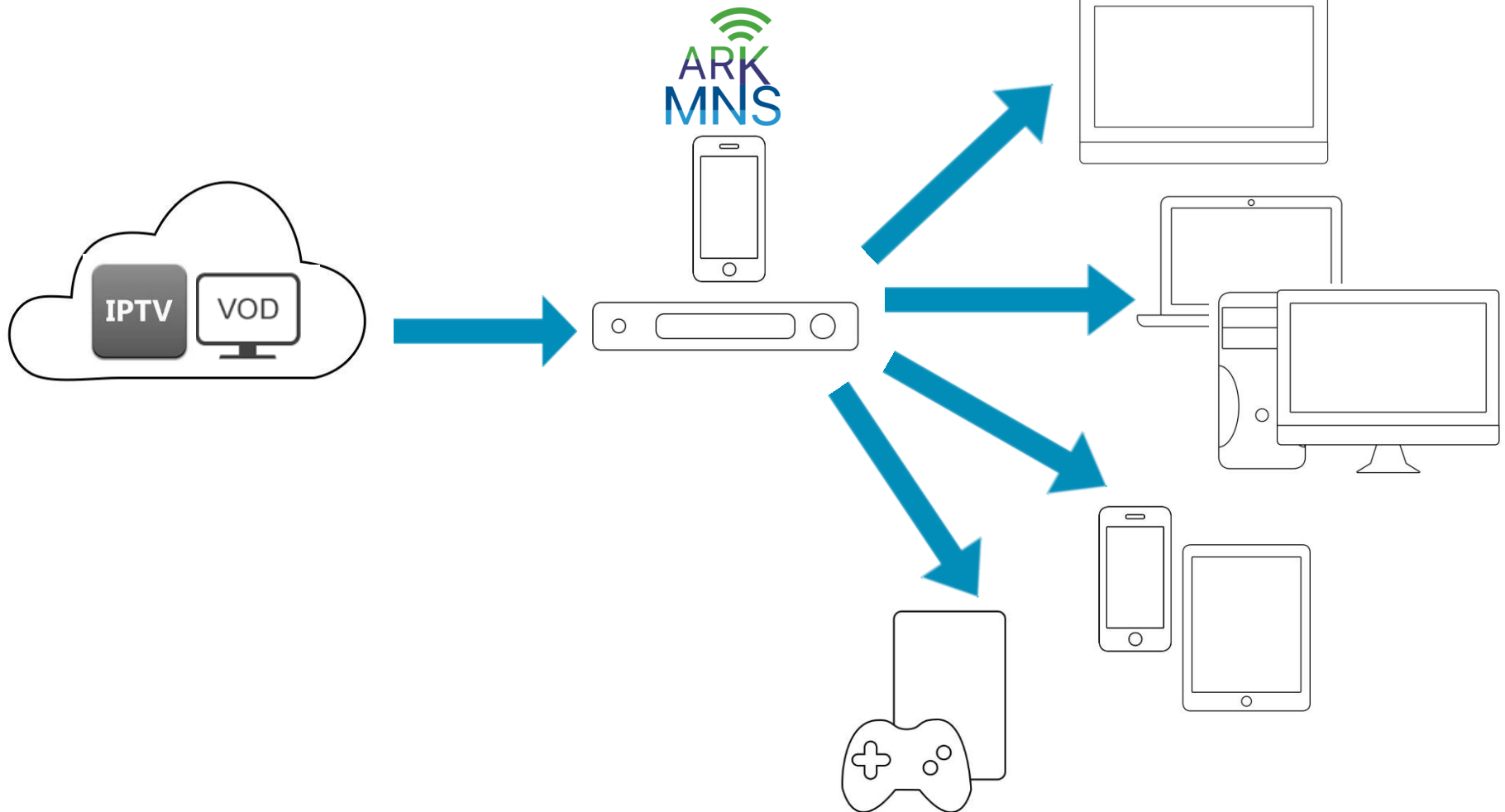
Case 3

Media from any source to any screen



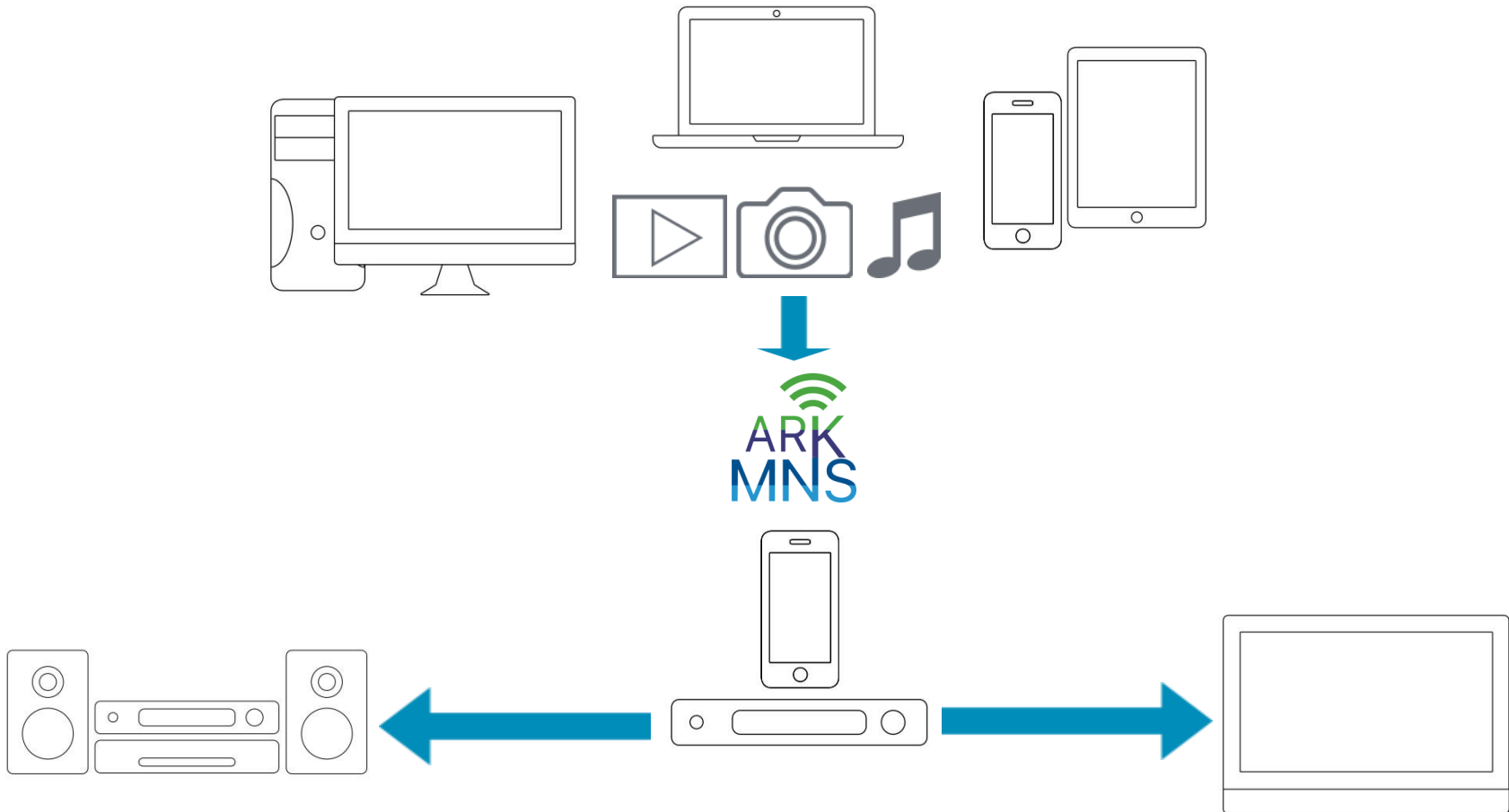
Case 4

IPTV, VoD, Adaptive streaming



Case 5

Stream personal media content
at TV or Receiver connected to STB



Supported Platforms

Mobile:



Desktop:



Embedded devices:



Our company



Arkuda Digital is a high-end software company, a global provider of wireless Media Network solutions to Consumer Electronics ODM/OEMs, Cable and Telecom Operators, IPTV and STB solution providers and consumers.

Arkuda Digital will make an intellectual contribution to your IT projects, as we have had experience with companies such as: Samsung, U-Media, IMAQLIQ TV, Pocket Book, Fujitsu.

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Sharing Makes Life Beautiful!