DIGITAL
Arkuda

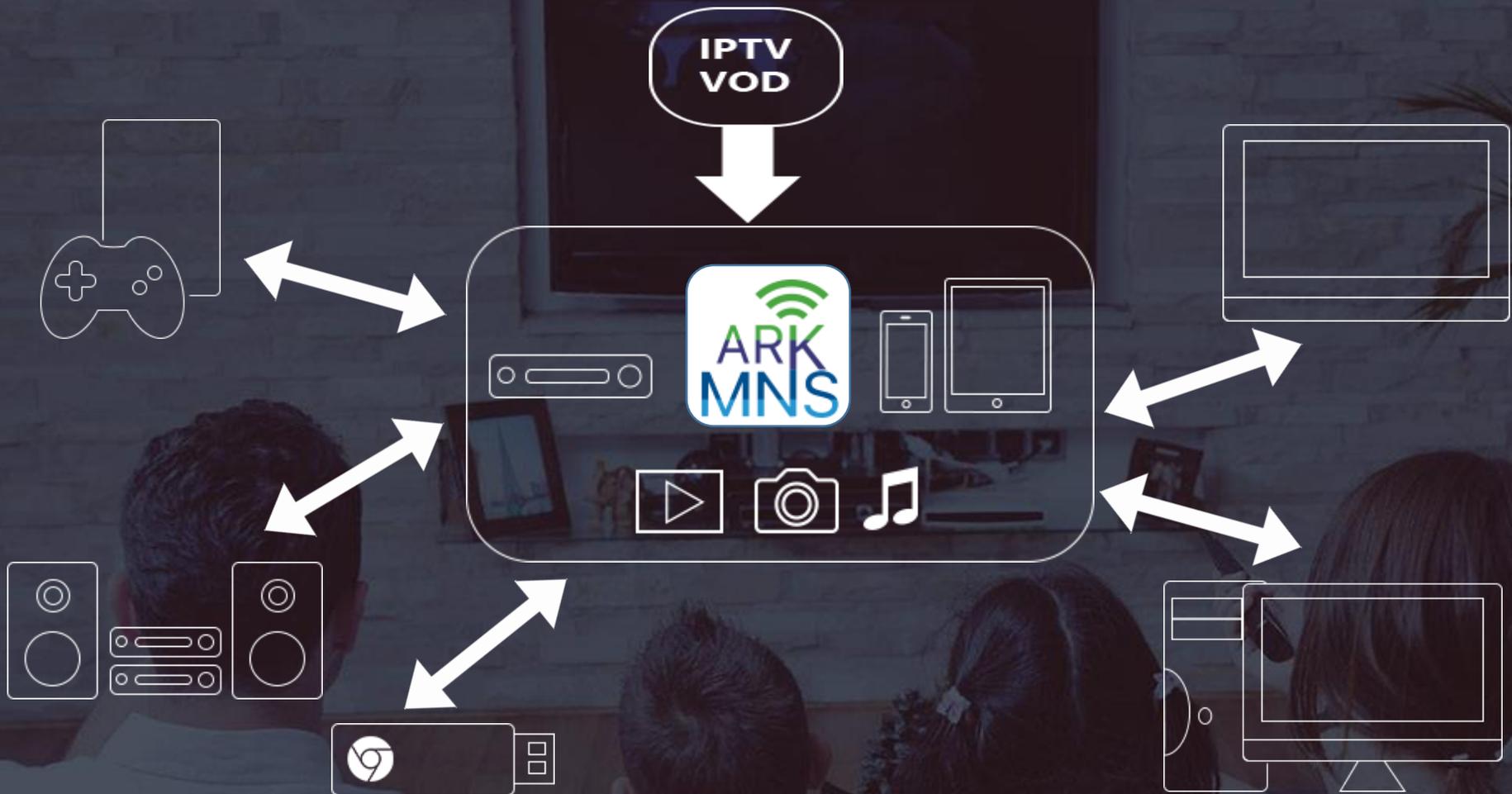# Media Network Solutions for Telecom

Turn-key solution for home media

Wireless interactive services for smart media and entertainment environment

IPTV VOD

ARK MNS

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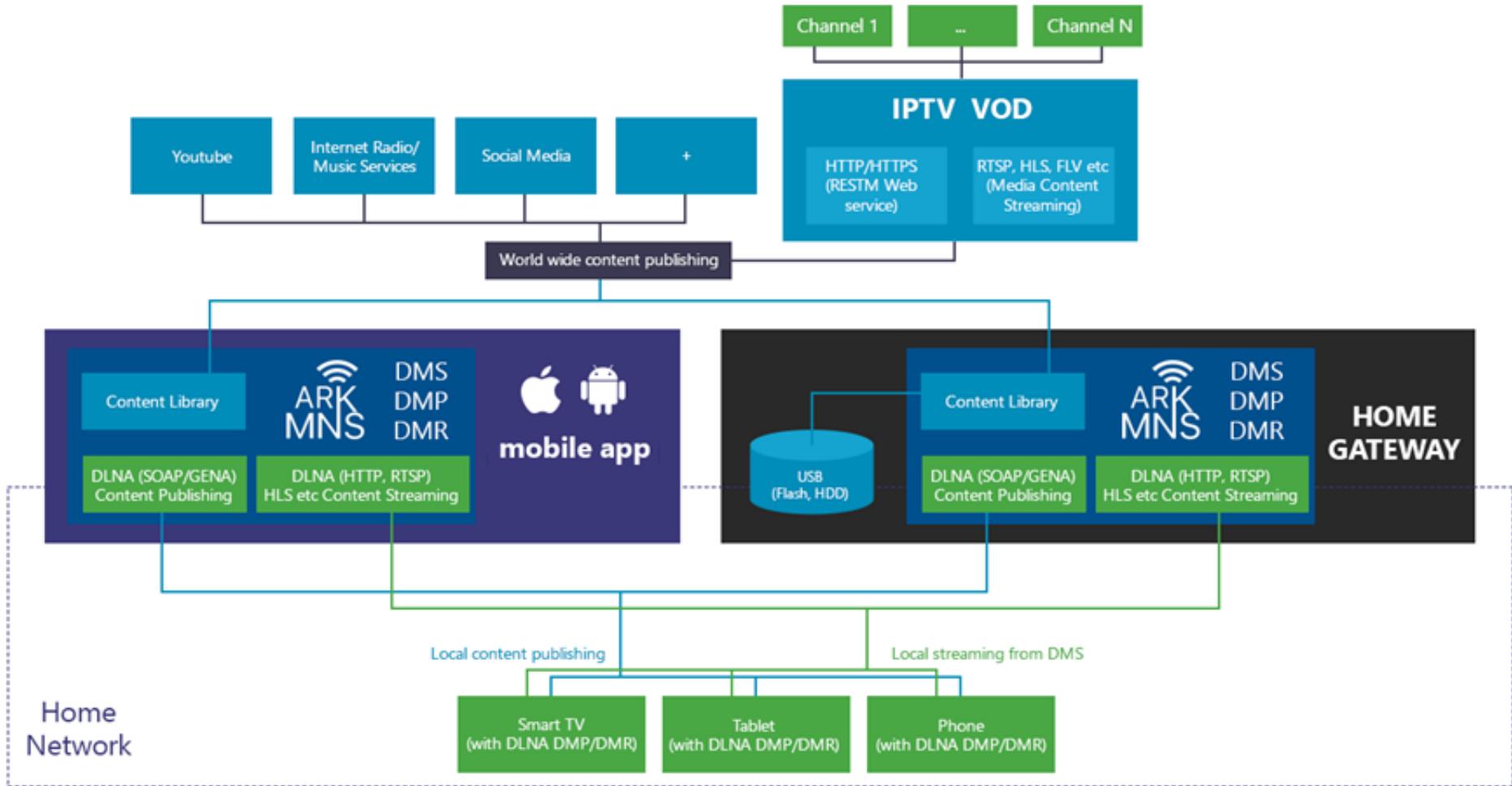
Market proven

Arkuda Digital has market proven apps

in App Store and Play Market

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

Integration architecture

Media network API

Arkuda Digital extends Media Network API based on WAMP (Web Application Messaging Protocol).
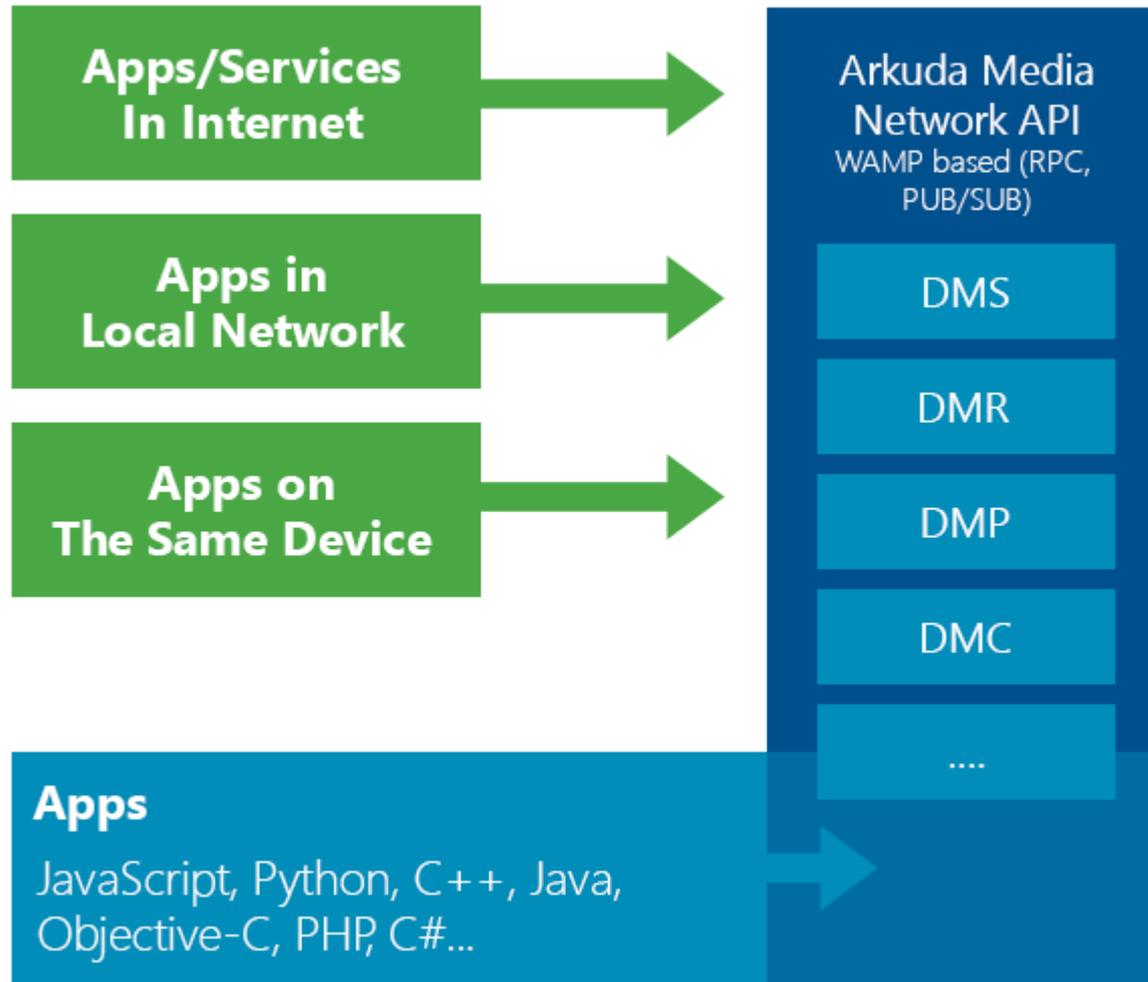
With it you can plug-and-play any app components no matter on what languages they are written in.

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 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

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ARK MNS

NAS
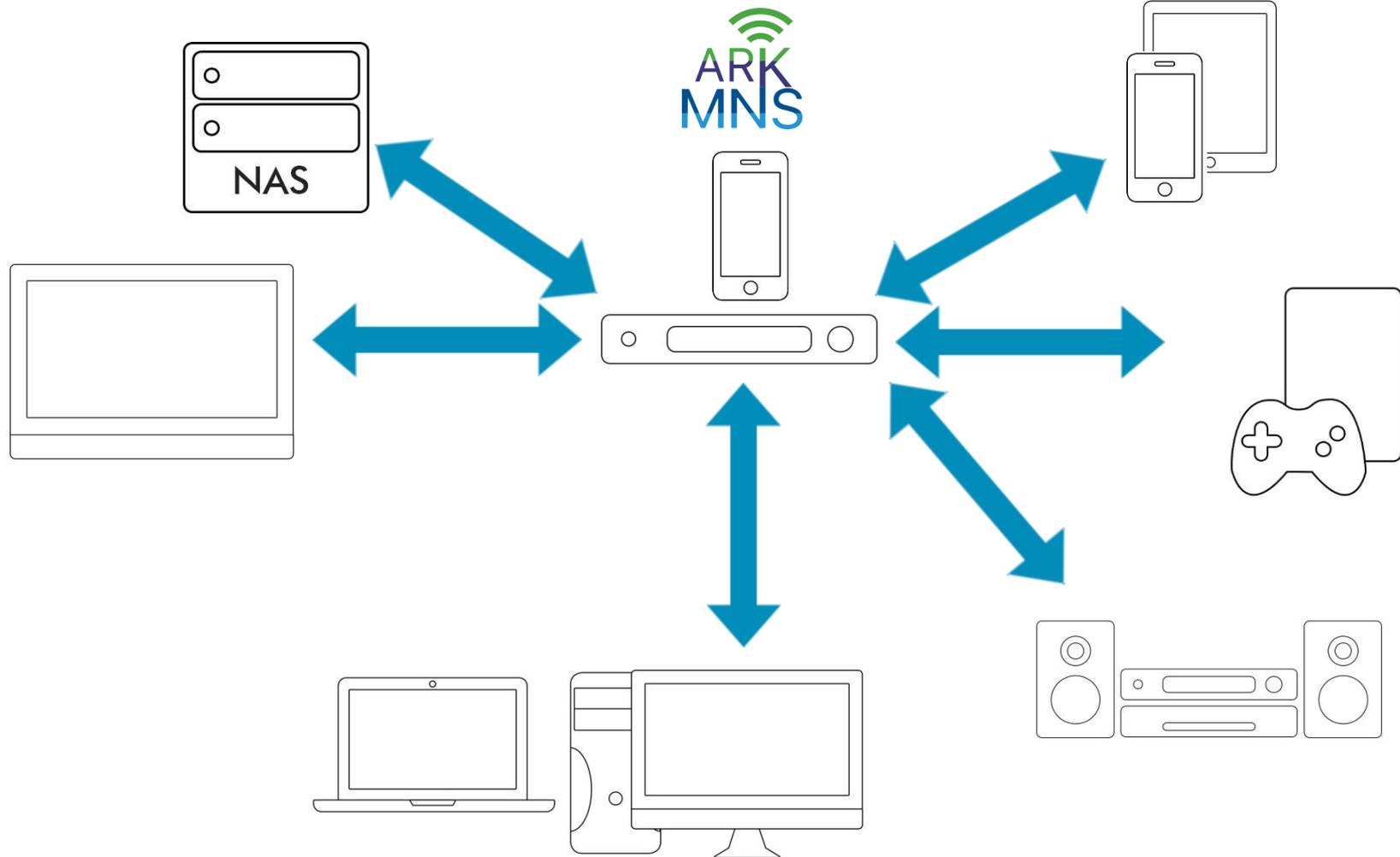
Case 2

Share TV channels

ARK MNS
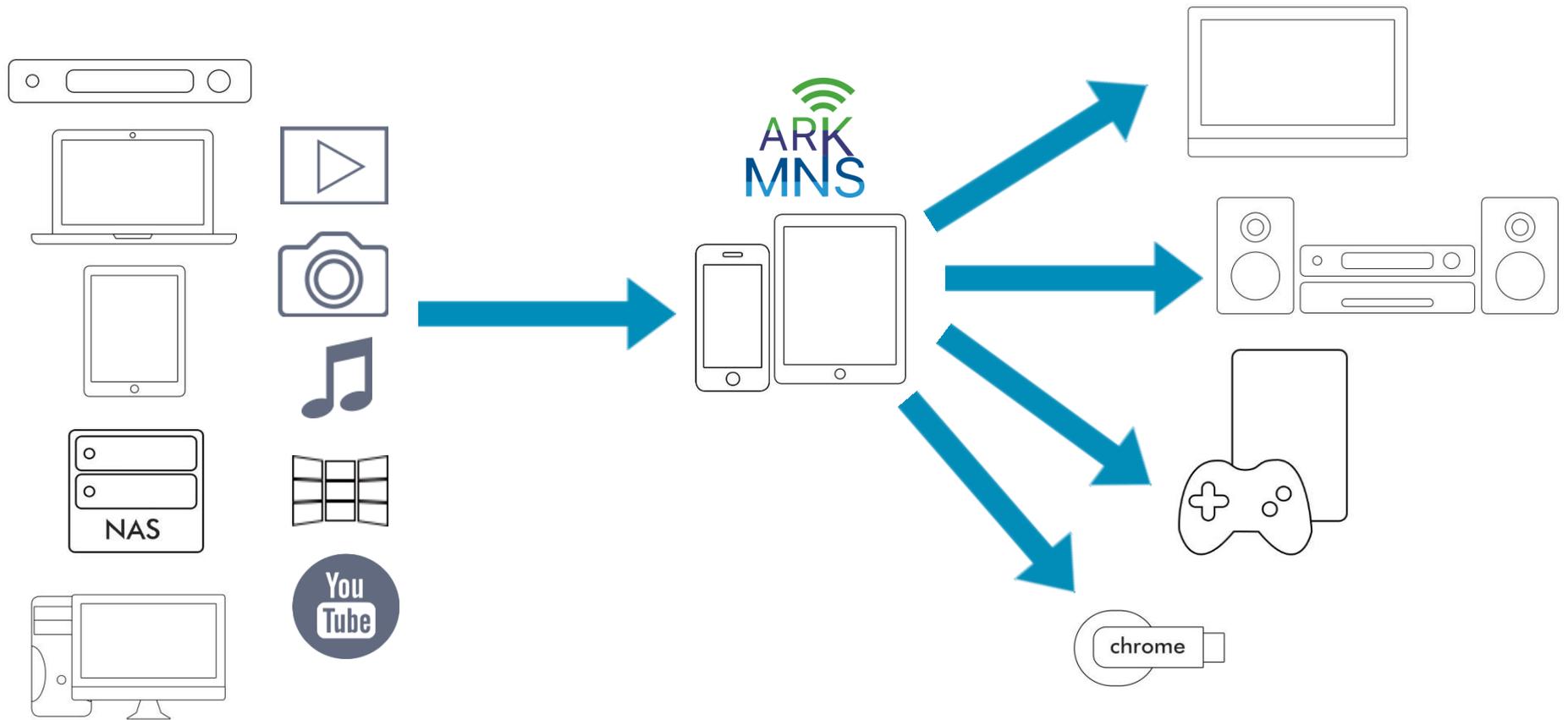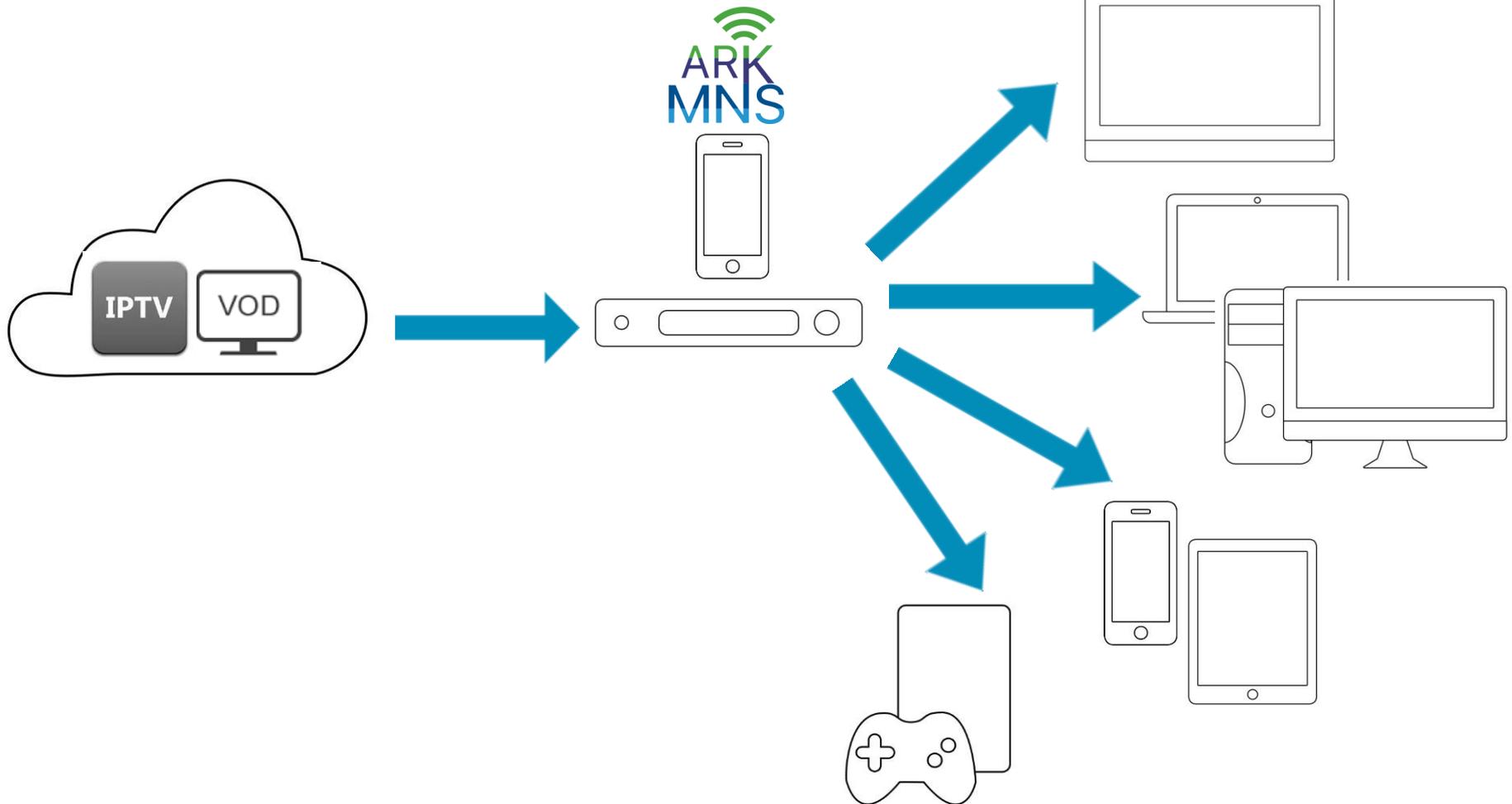
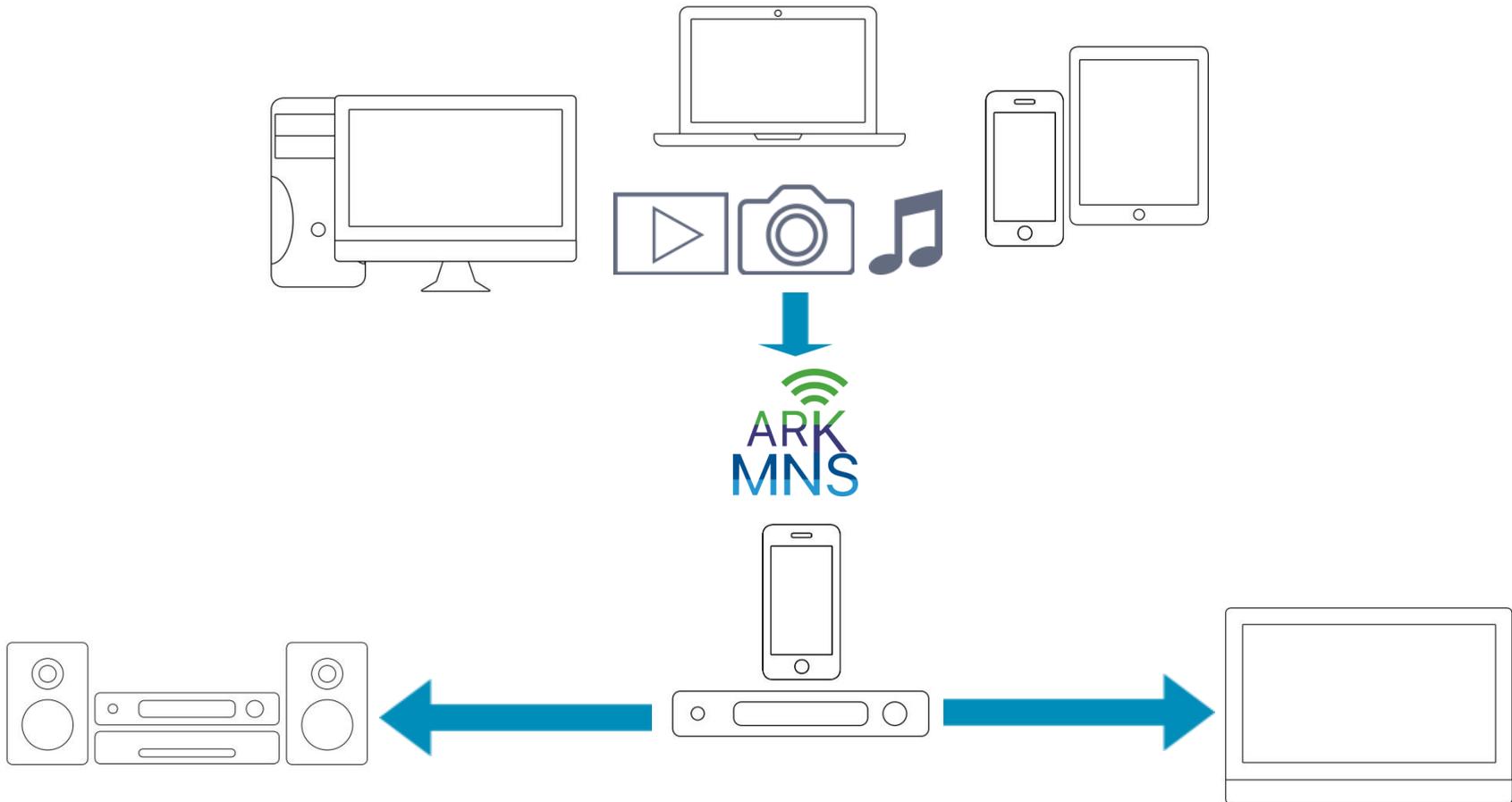TV channels
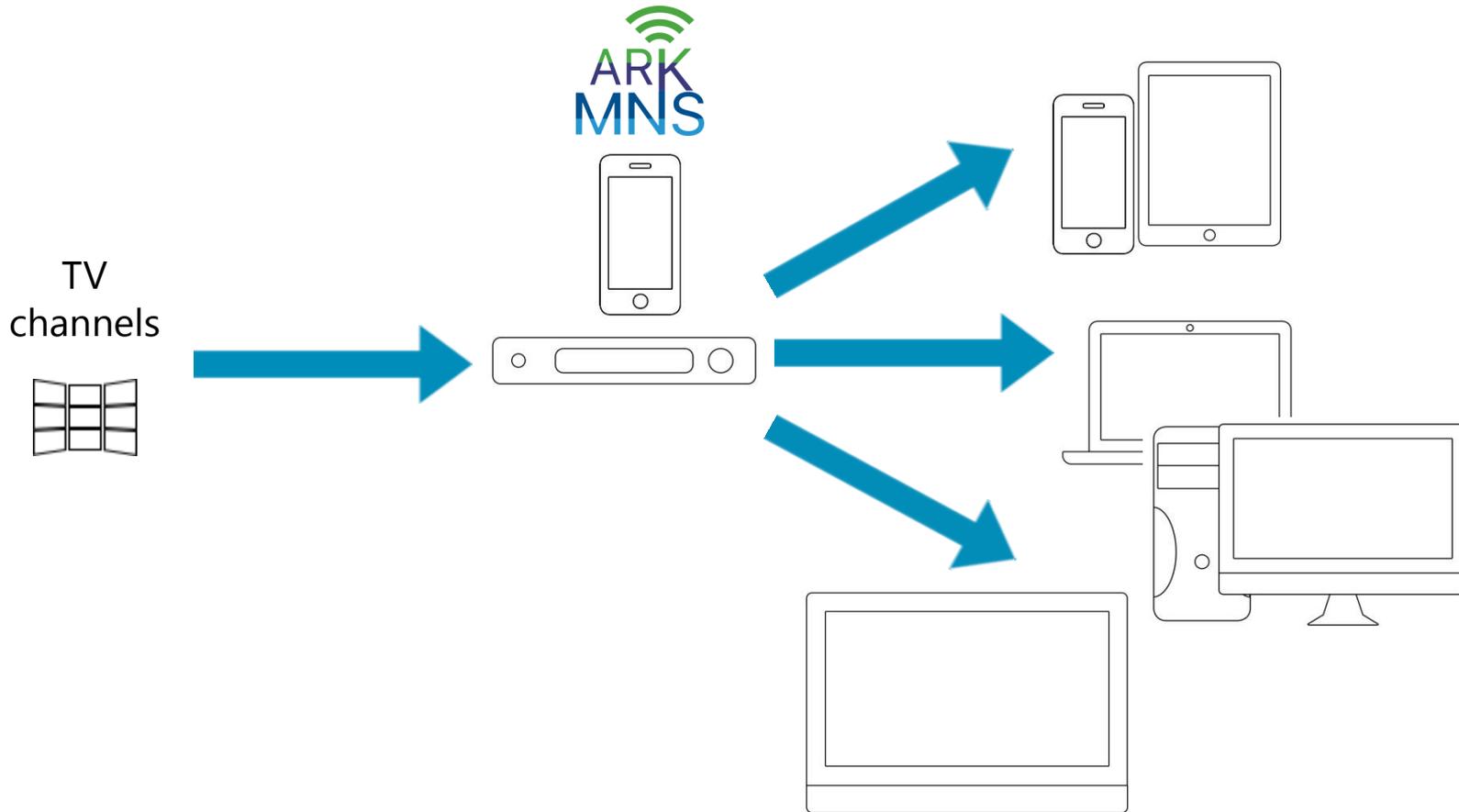
Case 3

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:

iOS

Android

Win

Desktop:

MacOS

Win

Embedded devices:

Linux

QNX

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 had experience with companies: Samsung, U-Media, IMAQLIQ TV, Pocket Book, Fujitsu.

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