A front-facing view of a blue car, likely a BMW, with its headlights on. The car is centered in the frame, and the background is a blurred outdoor setting with trees and a bright light source, possibly the sun, creating a warm, golden glow.

Media Network Solutions for car streaming

How could manufacturers of cars and in-vehicle infotainment systems 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 car media



Wireless interactive services for smart media and entertainment environment



sharing, streaming, playback, control of photo, video, audio content inside the car

Market proven

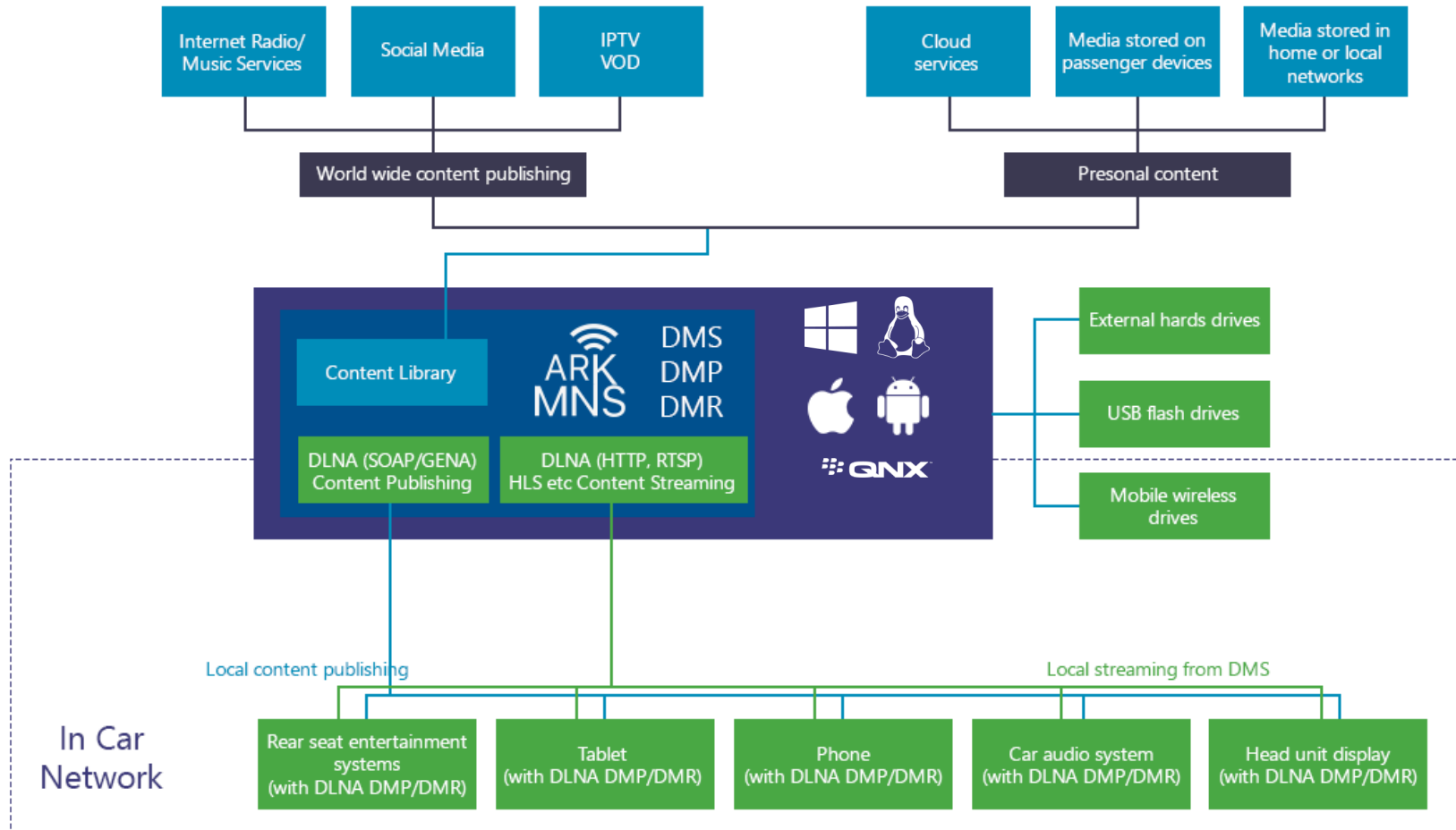


Arkuda Digital has market proven apps
in App Store and Play Market

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



In-vehicle media sharing architecture



Media network API



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

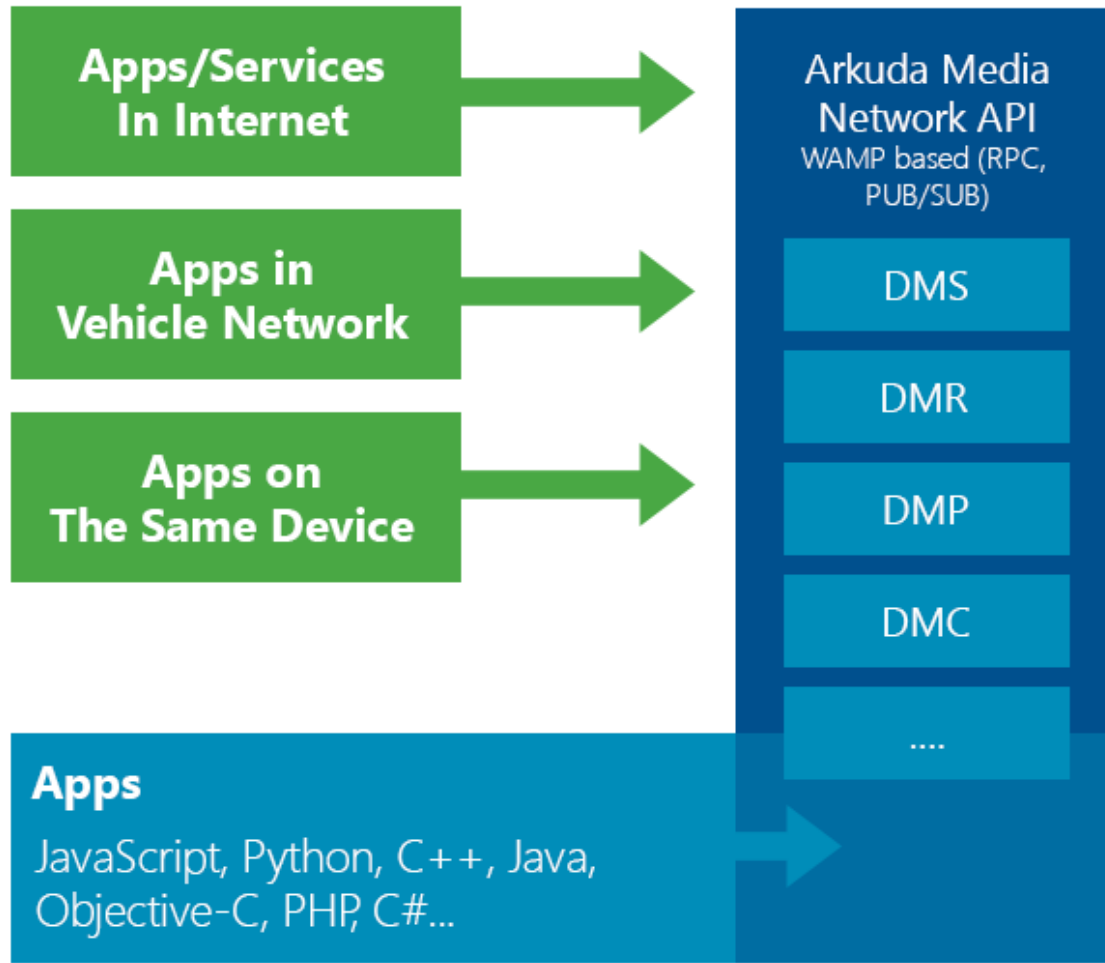
With it you can plug-and-play any app components no matter on what languages they are written in.

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



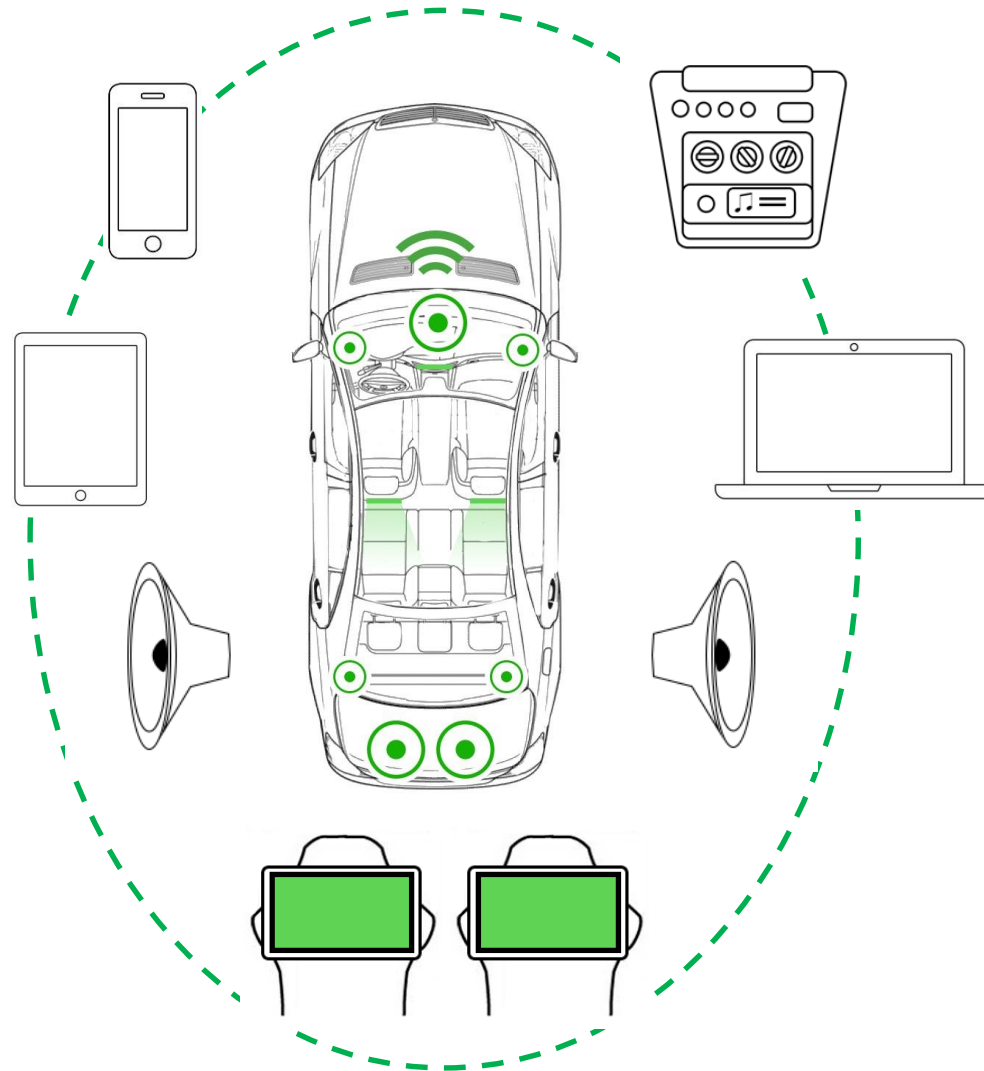
- Multistream functions
- Stream different media files on different devices simultaneously
- Simultaneous media playback
- Stream media from NAS, USB, mobile wireless drives, mobile devices
- Sharing media content with all in-vehicle and personal passenger devices inside the car
- Add extra features like internet radio or music streaming services
- Encodes media formats
- Reports "track duration", "current position" etc. to remote media network software



Use Cases

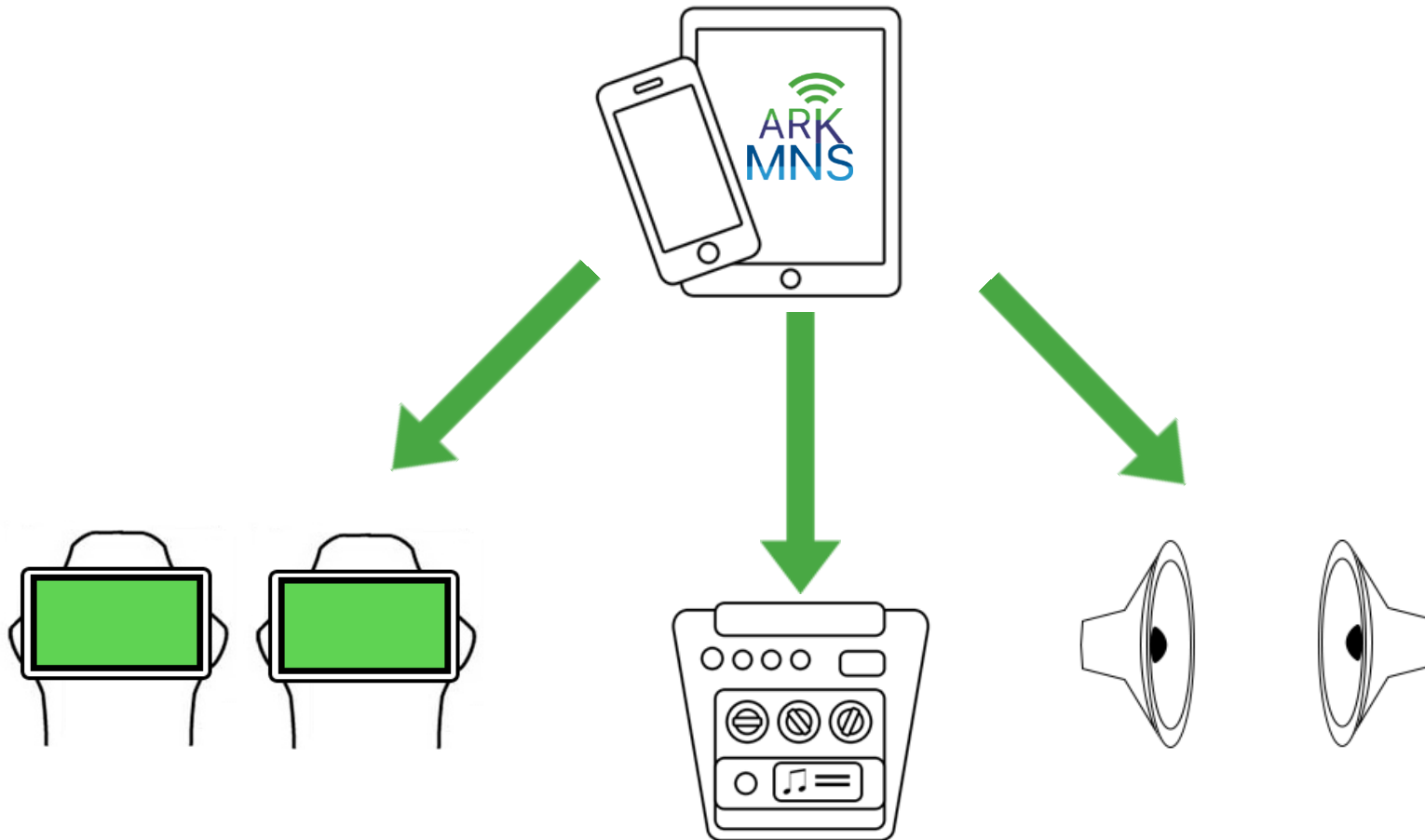
Case 1

In-car media network



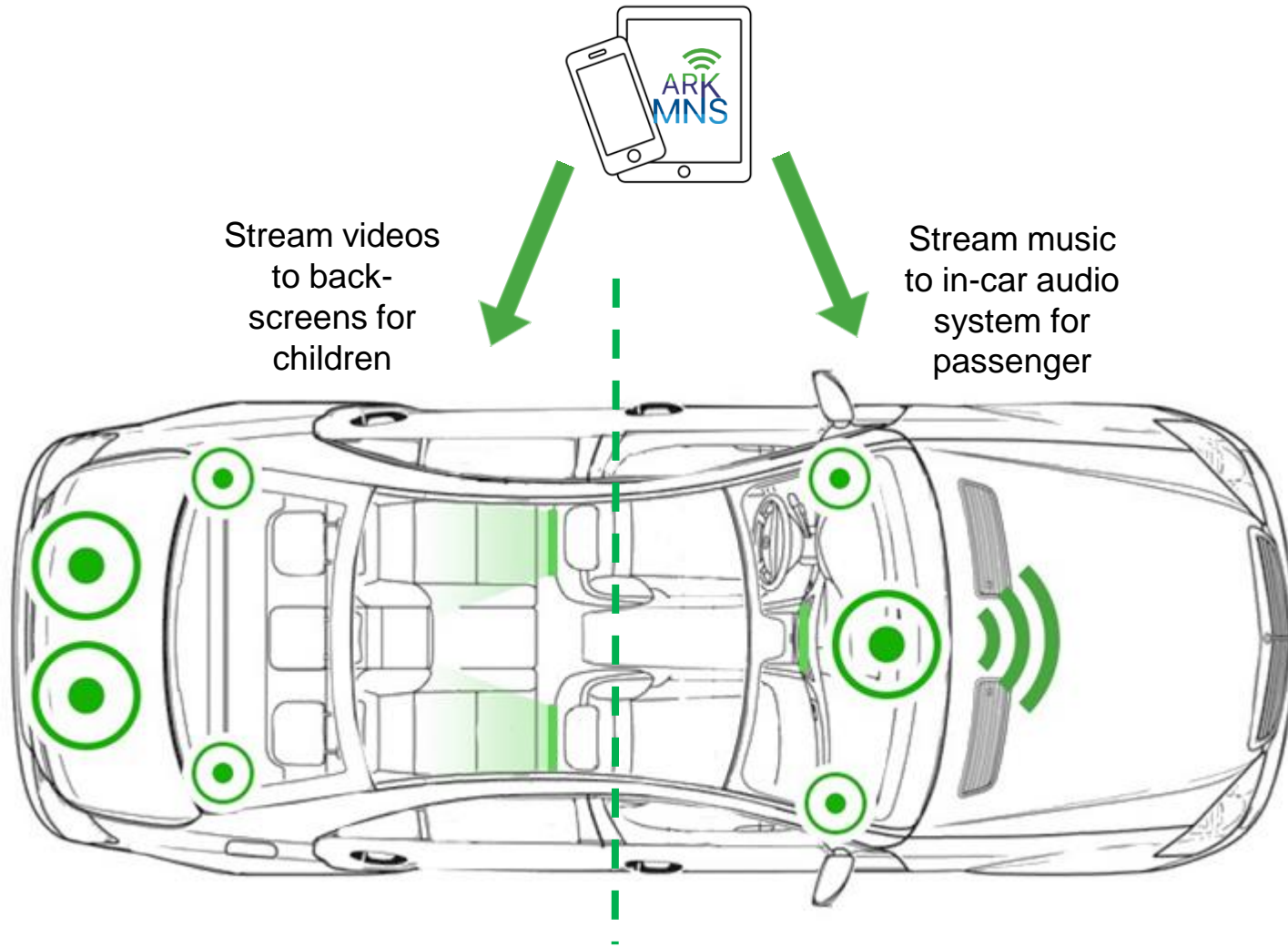
Case 2

Stream from passenger devices to car infotainment systems



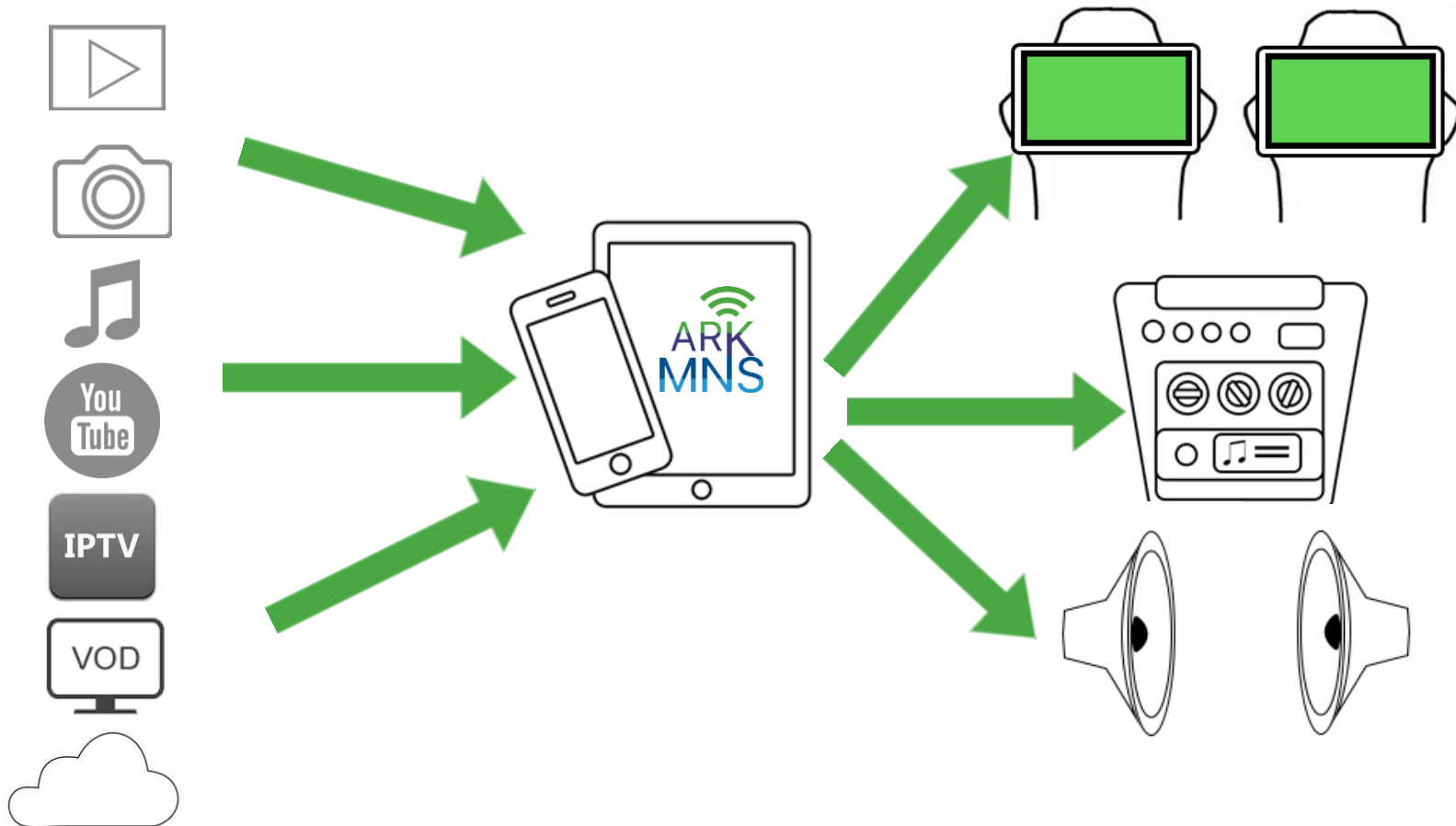
Case 3

Different zones of in-vehicle streaming



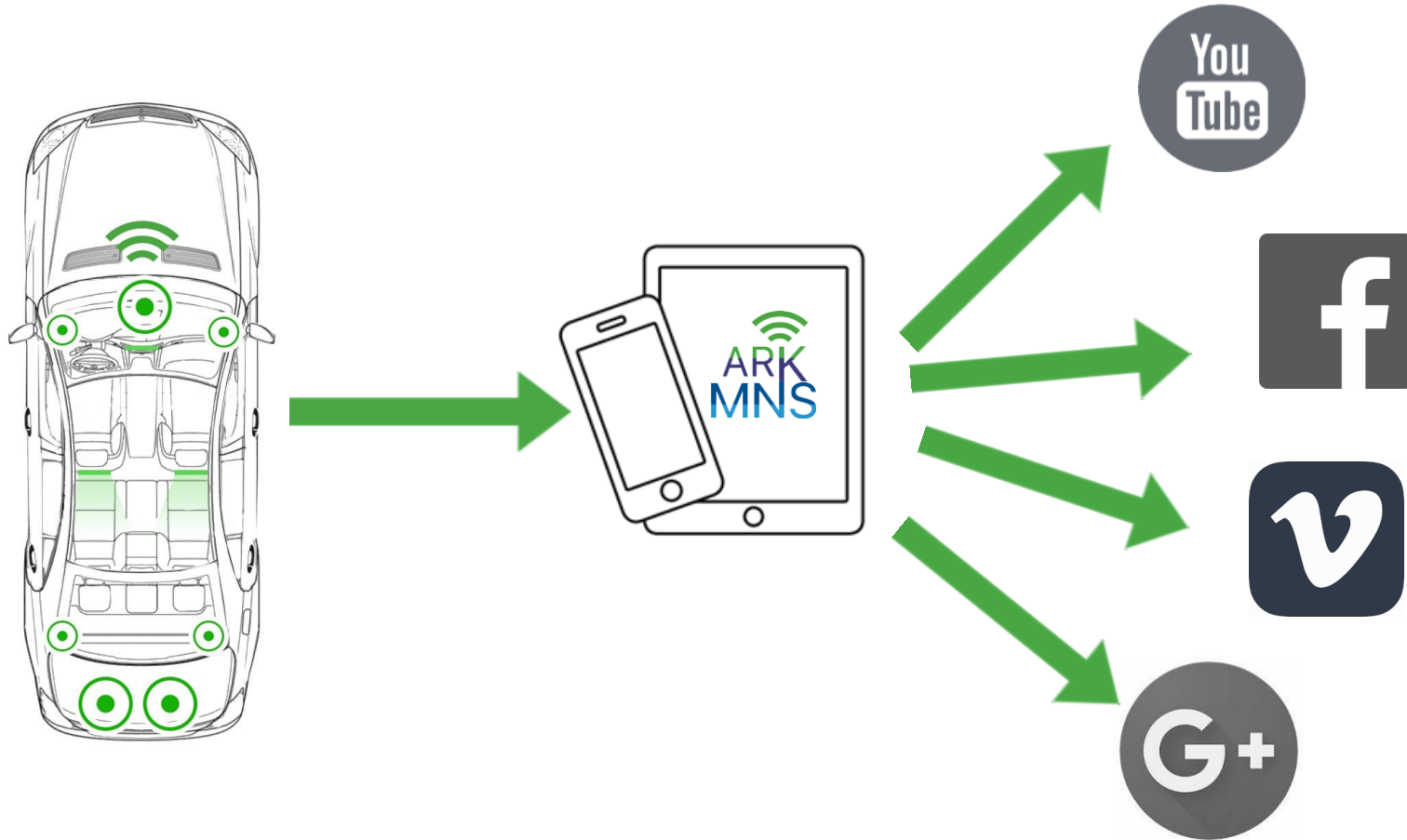
Case 4

Personal and worldwide content shared to in-car devices



Case 5

Live video streaming from car devices



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!