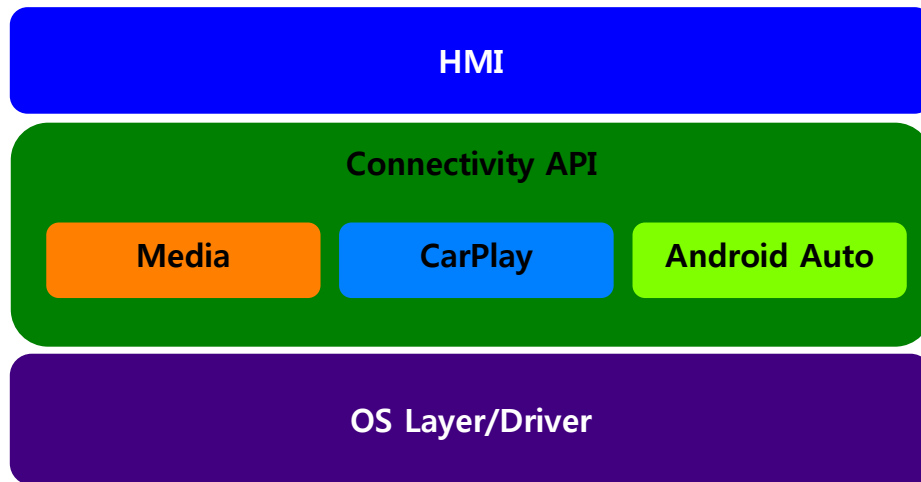


INNOTREE

Smartcar 사업소개

Connectivity Service Provider



- Common API for Media/CarPlay/AA
- Running on Linux / Android
- Easy Development, Convenient Maintenance

CarPlay



- Support Latest Version(R14)
- Running on Linux / Android
- 18 OPEN API for CarPlay

Android Auto



- Support Latest version(v1.3)
- Running on Linux / Android
- 12 OPEN API for Android Auto

AUTOSAR

Application Layer

AUTOSAR Runtime Environment (RTE)

Services Layer

ECU Abstraction Layer

Microcontroller Abstraction Layer

Complex Drivers

Microcontroller

- R4.0 based CAN & SUM(Standardized Utility Module)_SSC(Security Service Coordinator)

LoRa/LTE-M



GEOLOCATION

Enables GPS-free, low power tracking applications

LOW COST

Reduces costs three ways: infrastructure investment, operating expenses and end-node sensors

STANDARDIZED

Improved global interoperability speeds adoption and roll out of LoRaWAN-based networks and IoT applications

LOW POWER

Protocol designed specifically for low power consumption extending battery lifetime up to 20 years

LONG RANGE

Single base station provides deep penetration in dense urban/indoor regions, plus connects rural areas up to 30 miles away

SECURE

Embedded end-to-end AES128 encryption

HIGH CAPACITY

Supports millions of messages per base station, ideal for public network operators serving many customers



2015

Android AVN
DAB
SOTA
FOTA



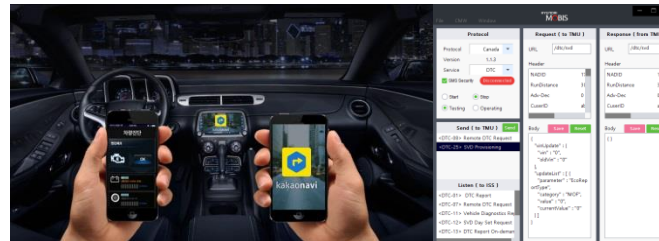
2016

Cluster
Telematics



2017

CarPlay
Android Auto



Thank you



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