HUAWEI

Türkiye'de Türkiye için

Appreciation · Dedication · Future · Together

Mobile Software Ecosystem & Huawei Mobile Services

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Hi, I am Sinan. I am a computer engineer. I work as Developer Partner Engineer in Huawei.

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Content

1. Mobile Software Ecosystem
2. Huawei Mobile Services
    a. HMS Core
    b. AppGallery Connect
3. Coding

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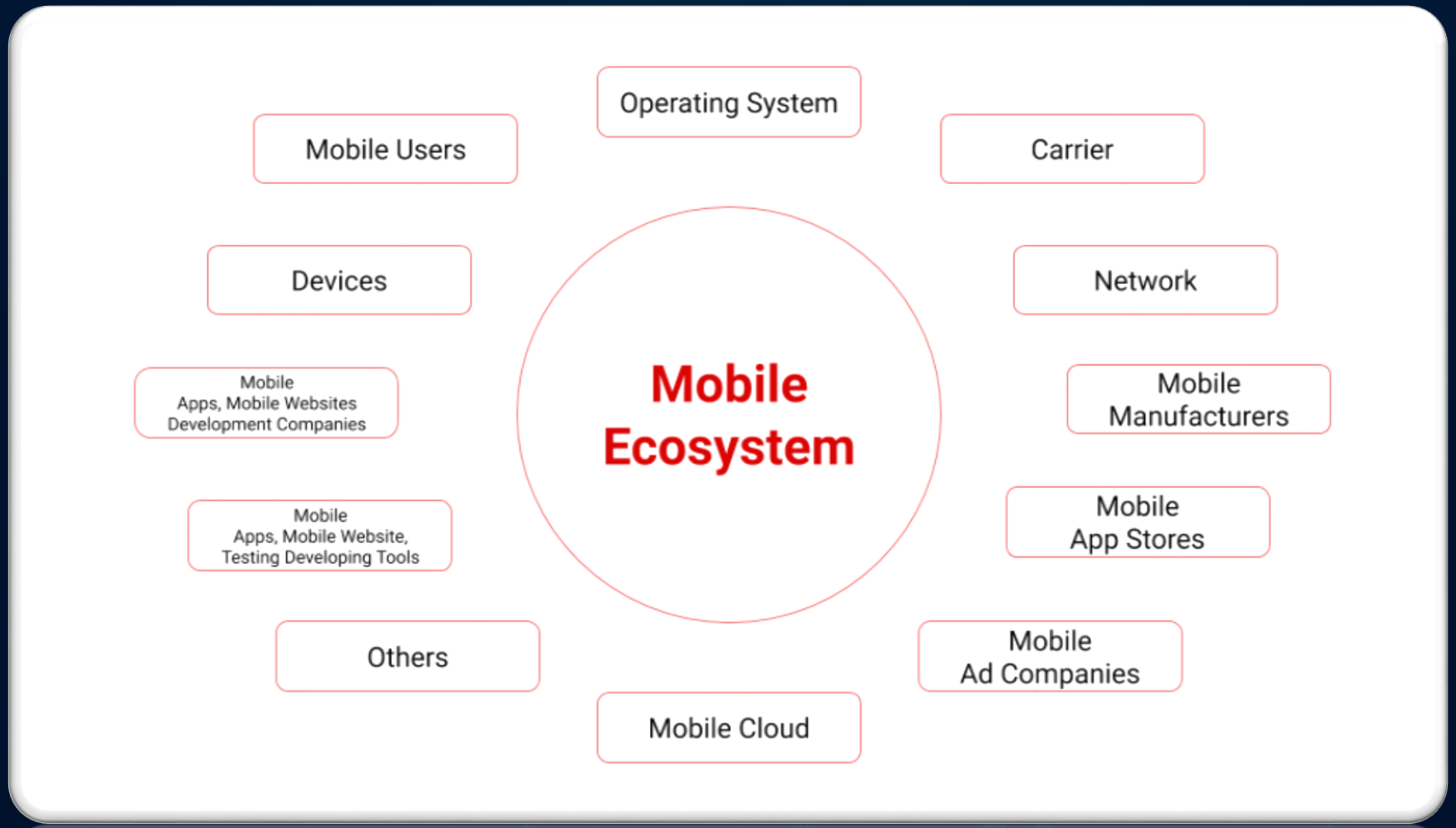
Mobile Software Ecosystem



Mobile Software Ecosystem

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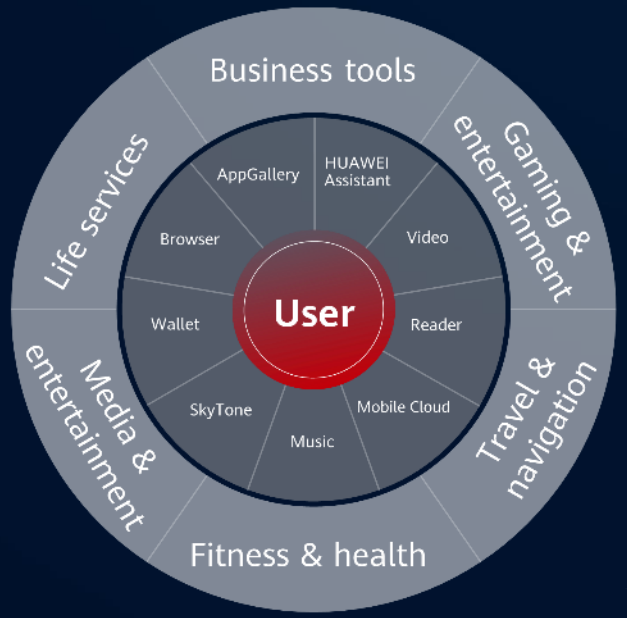
Huawei Mobile Services

Smart home | Smart office | Easy travel | Fitness & health | Entertainment



Service ecosystem

Provide precise personalized services

HMS Harmony OS

Empower devices in all scenarios

2.7 million+
registered developers

134,000+
apps

10x
increase in apps launched outside China

Hardware ecosystem

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Huawei Mobile Services keep growing rapidly worldwide

700M+

Global Device MAU
(+16%)

580M+

Global Mobile Services MAU
(+45%)

390M+

Global HUAWEI ID MAU
(+39%)

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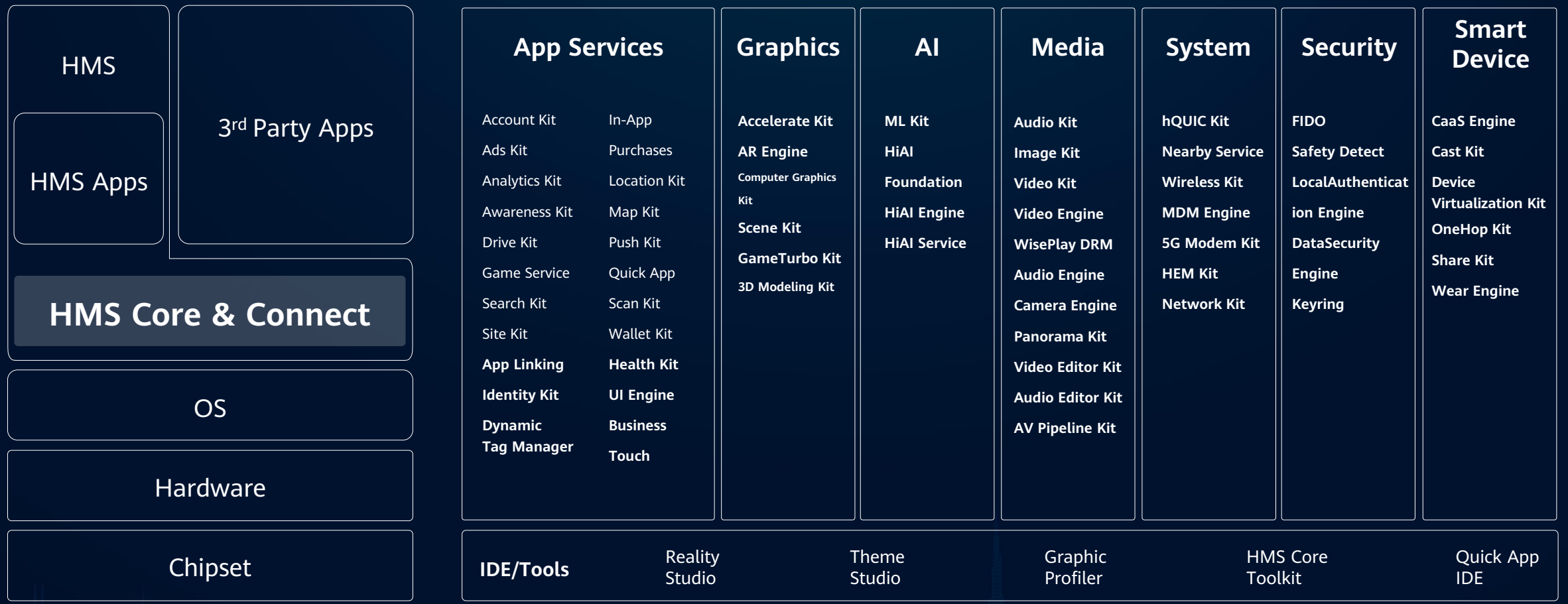
HMS Core



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Part 01

App Services

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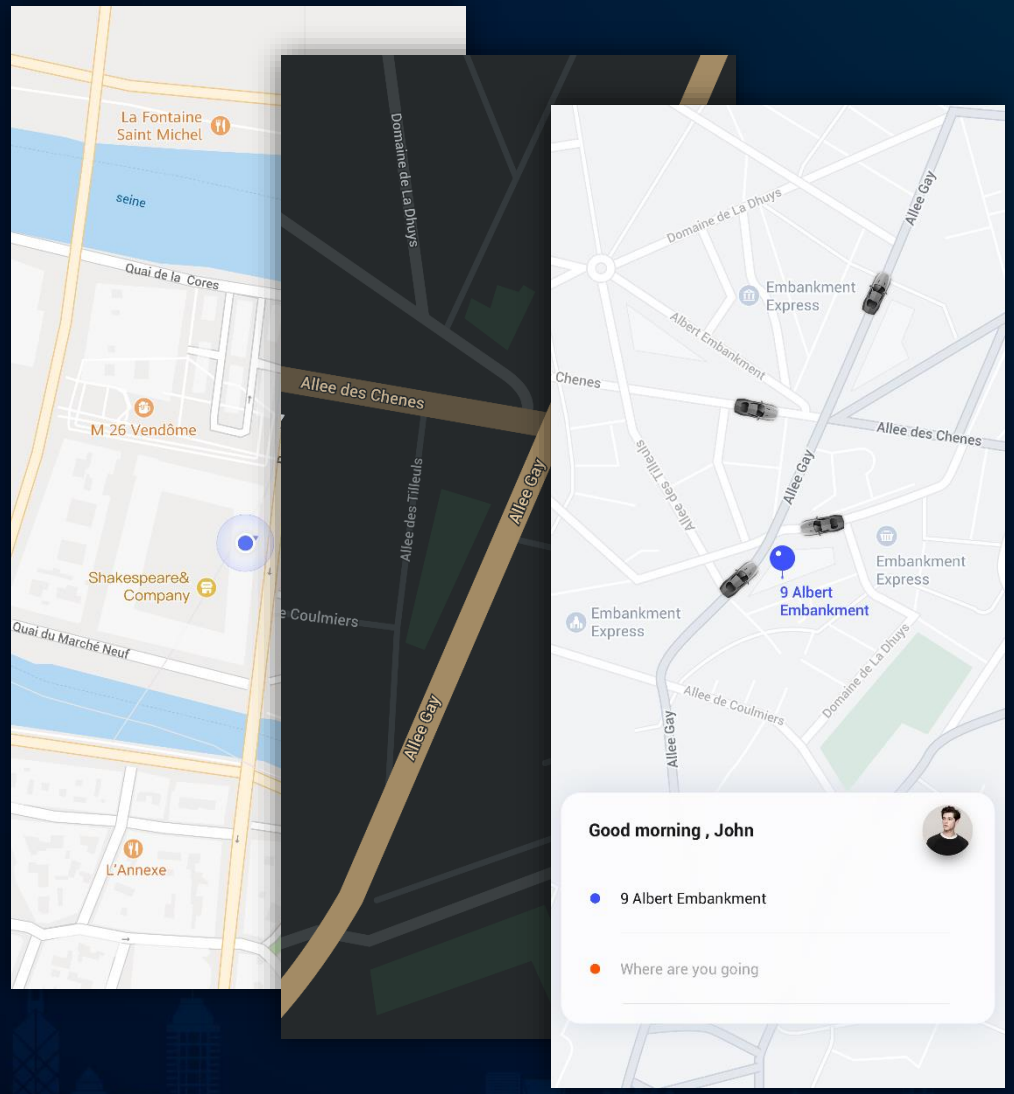
Map & Site Kit



- Rich Map Display
- Multiple Map Planning
- Massive Location Search
- Global Coverage

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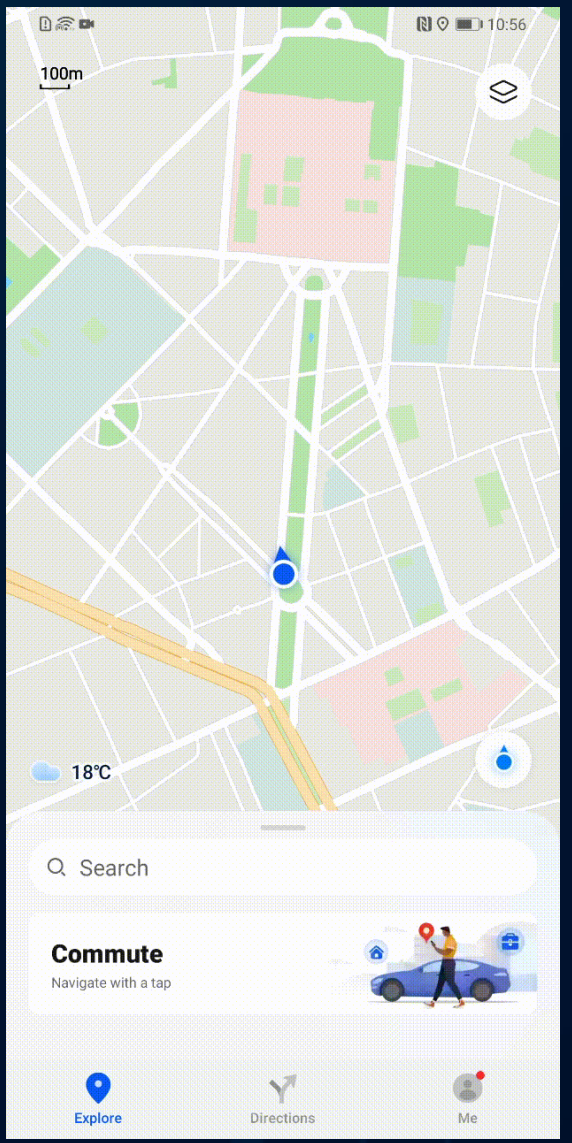
Location Kit

- Location success rate at first attempt
- Precision within 10 meters
- Millisecond-level response
- Global coverage



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Part 02

Graphics

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AR Engine

- Body Tracking
- Motion Tracking
- Environment Tracking

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Part 03

AI

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ML Kit

Text

Text Recognition

Document Recognition

Text Translation

General card recognition

Real-time Speech recognition

Language Recognition

Sound Category Detection

Speech Synthesis

Video Course Creator

Image

Image Classification

Object Detection & Tracking

Landmark Recognition

Document Skew Correction

Product Visual Search

Image Segmentation

Image Super-resolution

Face & Body

Face Detection

Liveness Detection

Skeleton Detection

Hand Key Point Identification

Custom Model

Customizing Image Categories

Customizing Text Categories

Customizing Object Detection

Key Value of ML Kit

Wide Device Coverage

All android devices with ARM architecture

Global Coverage

All features are provided globally

Data Security

Device side: Data not transferred to cloud.
Cloud Side: Independent data storage.

Customizable Training Model

Developers can perform training based on actual application requirements, and generate customized AI models.

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Part 04

Media

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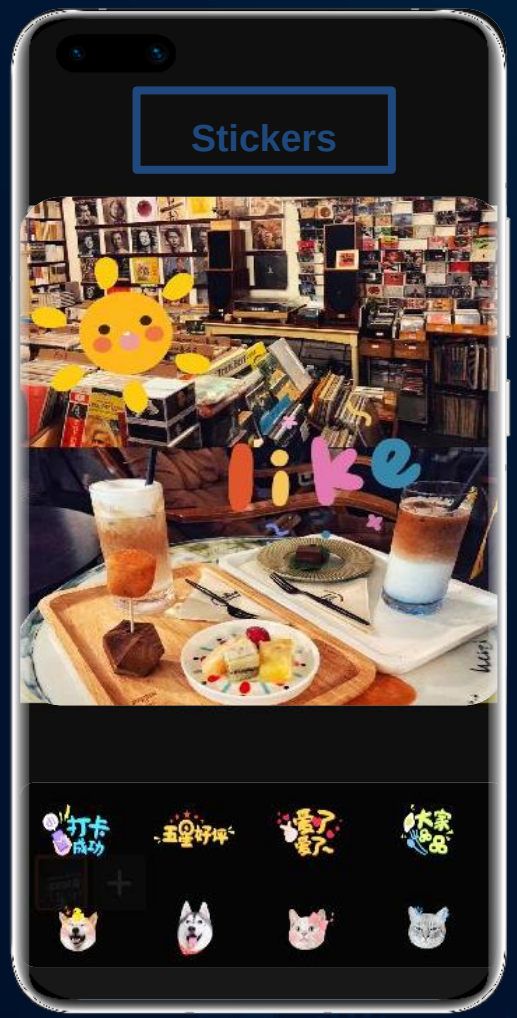
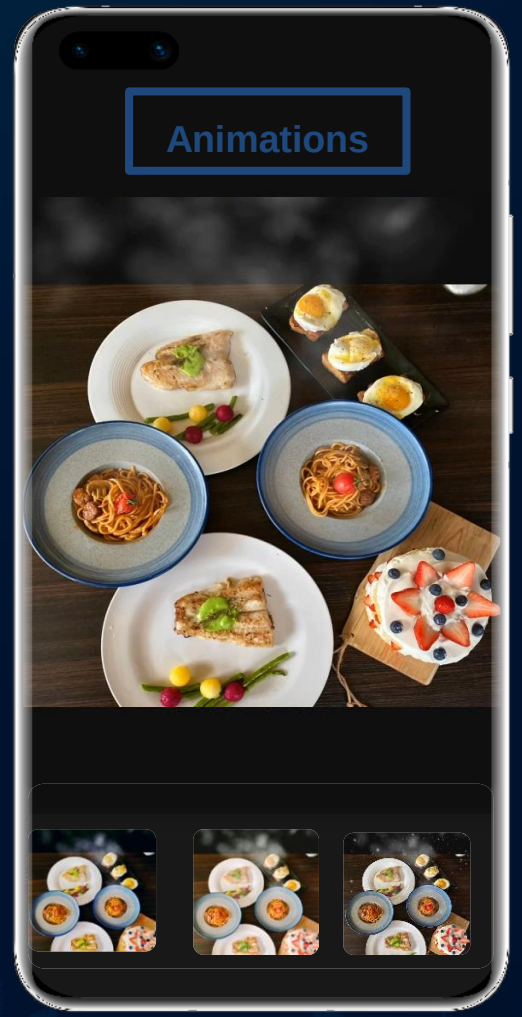
Image Kit





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Part 05

Security

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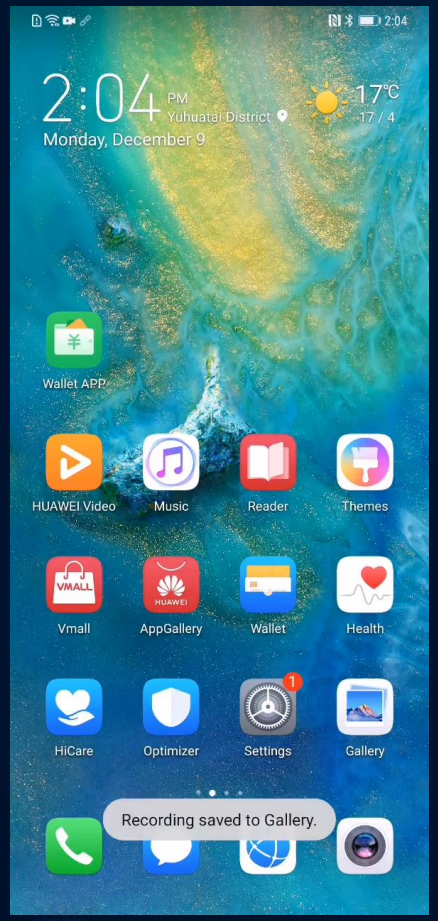
FIDO



- Device security check
- Secure login

- Secure payment
- Roaming authentication

Trustworthiness

Convenience

Mature solution

Privacy protection

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Part 06

Smart Device

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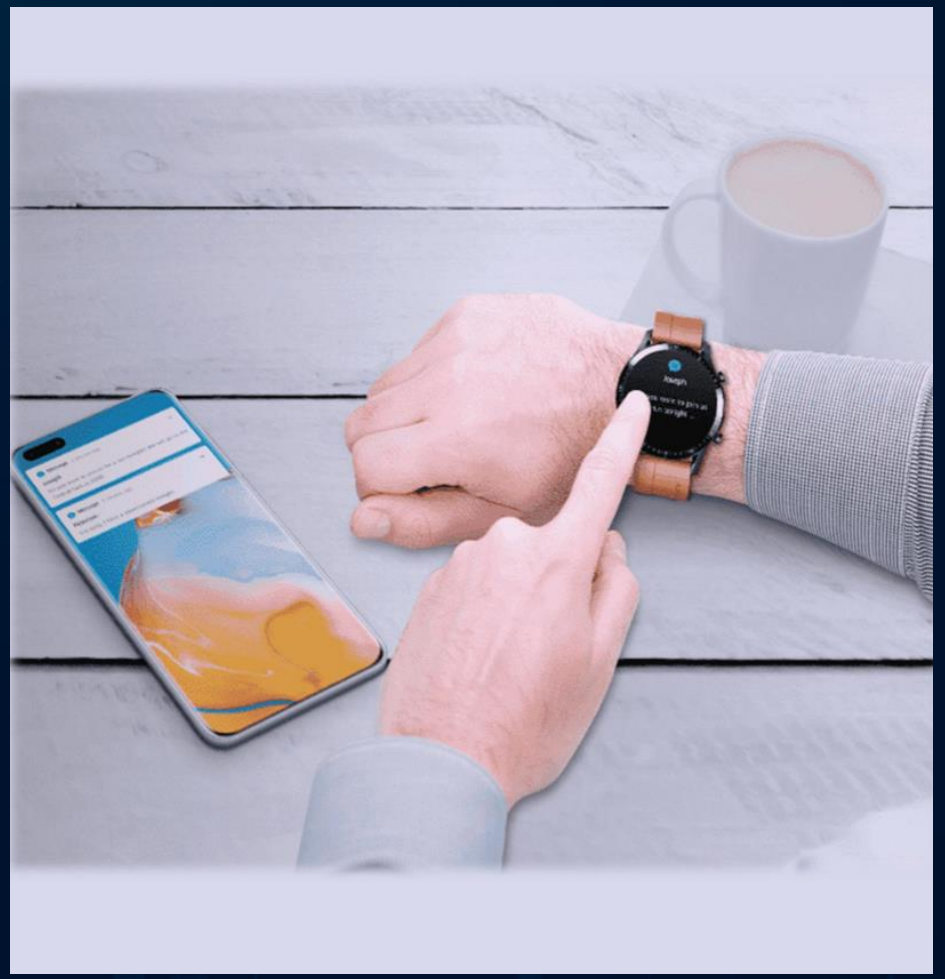
Wear Engine

Wear Engine is designed for phone and wearable app developers and service providers to access the open capabilities of Huawei smart wearables.

- Wearable device connection management
- App message communications
- Wearable device status monitoring



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Part 07

System

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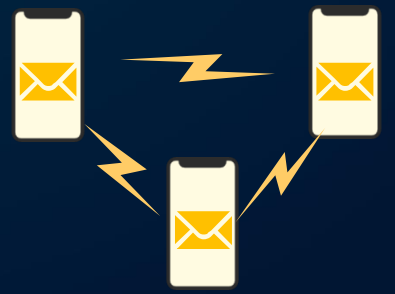
Nearby Service

Scenario

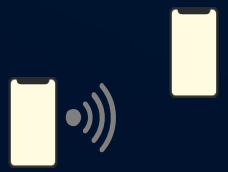
File Transmitting

Casting

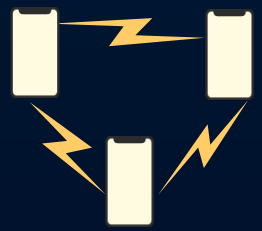


Social Application

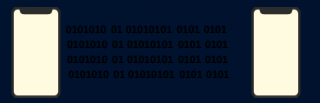
Nearby Service



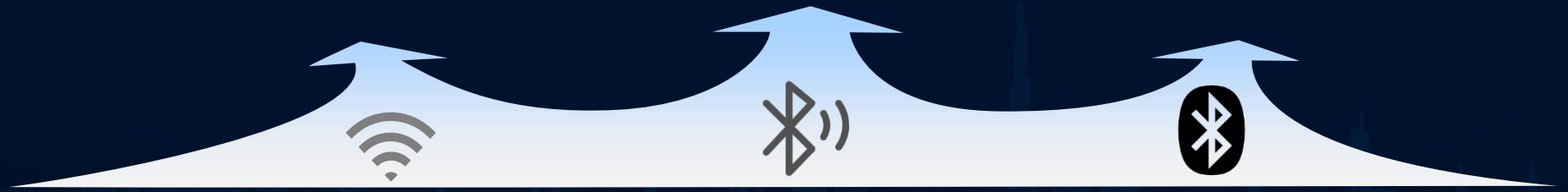
Discovery



Networking



Transmitting



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One-stop App Services

Auth
Cloud Functions
Cloud Database
Cloud Storage
Cloud Hosting
Connect API
A/B Testing
Remote Configuration
App Linking
App Messaging
APM
Cloud Debugging
Cloud Testing
Crash
Release
Phased release
Pre-orders
Early Access
Distribution Analysis
Operation Analysis
HUAWEI Analytics
In-App Purchases
Wallet Kit
Paid Apps
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Part 01

Build

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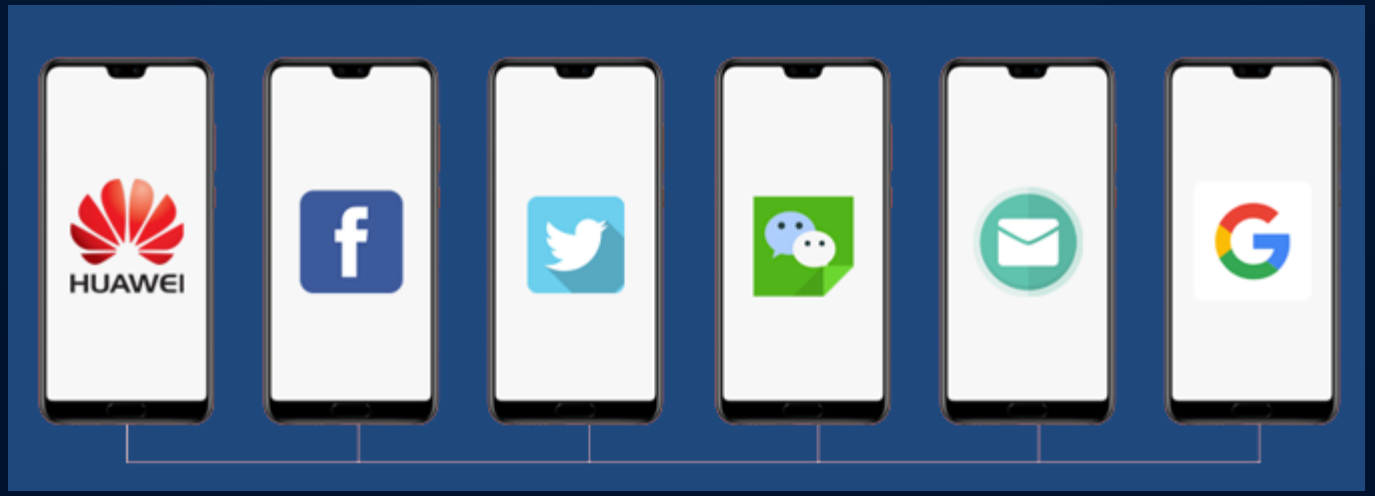
Auth Service



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Part 02

Growing

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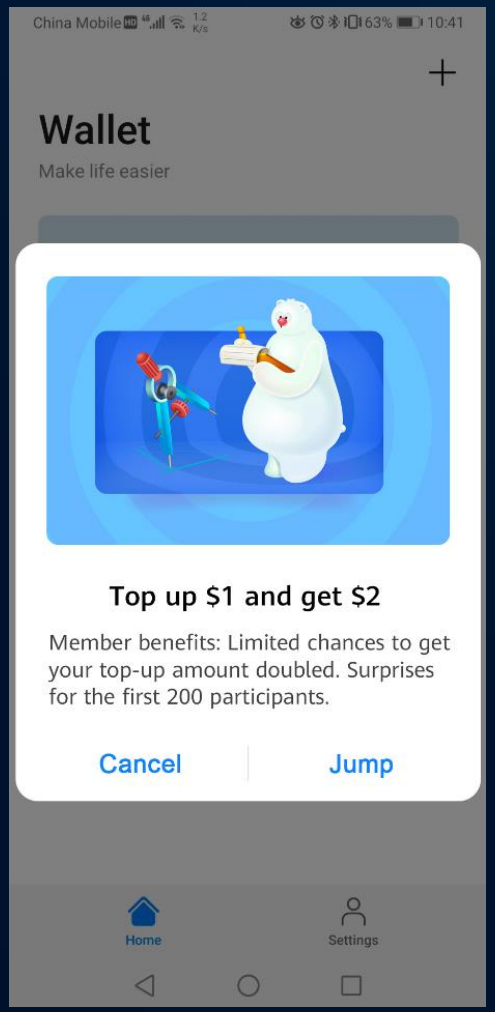
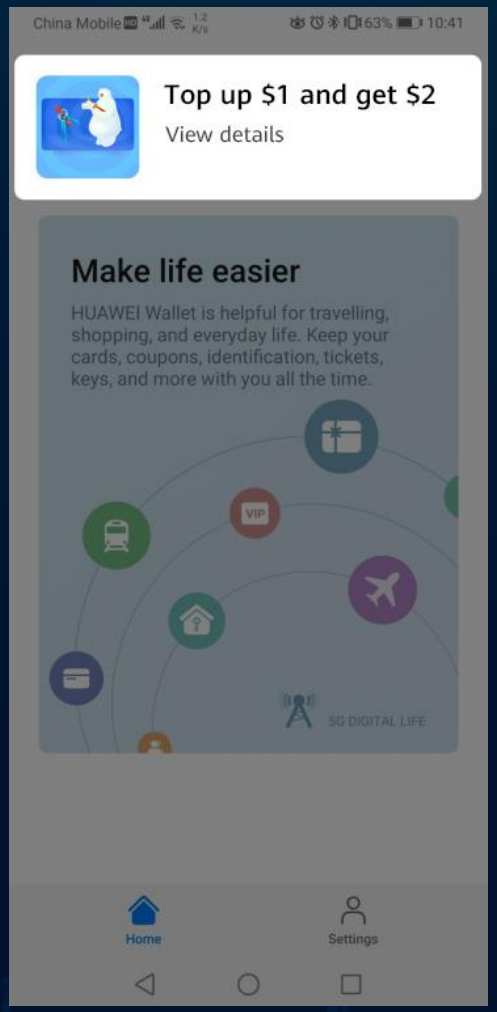
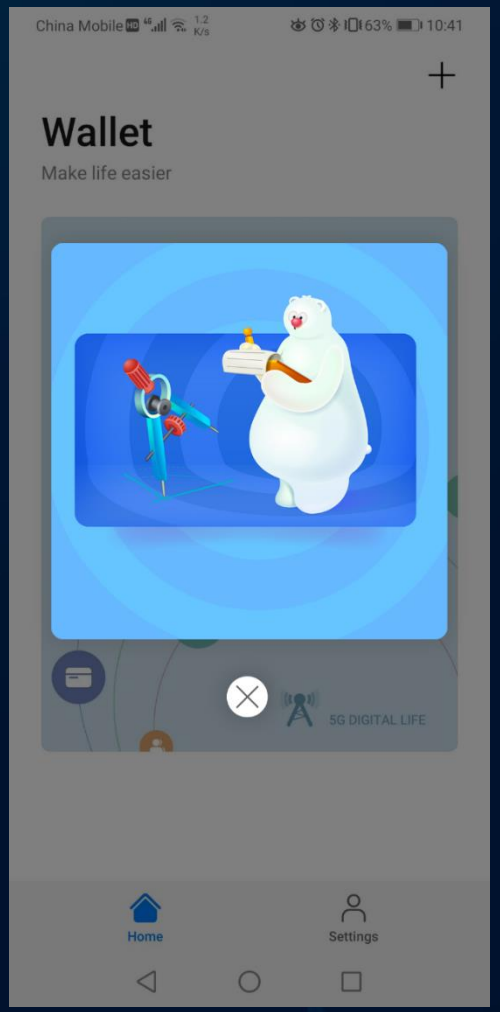
App Messaging







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Part 03

Quality

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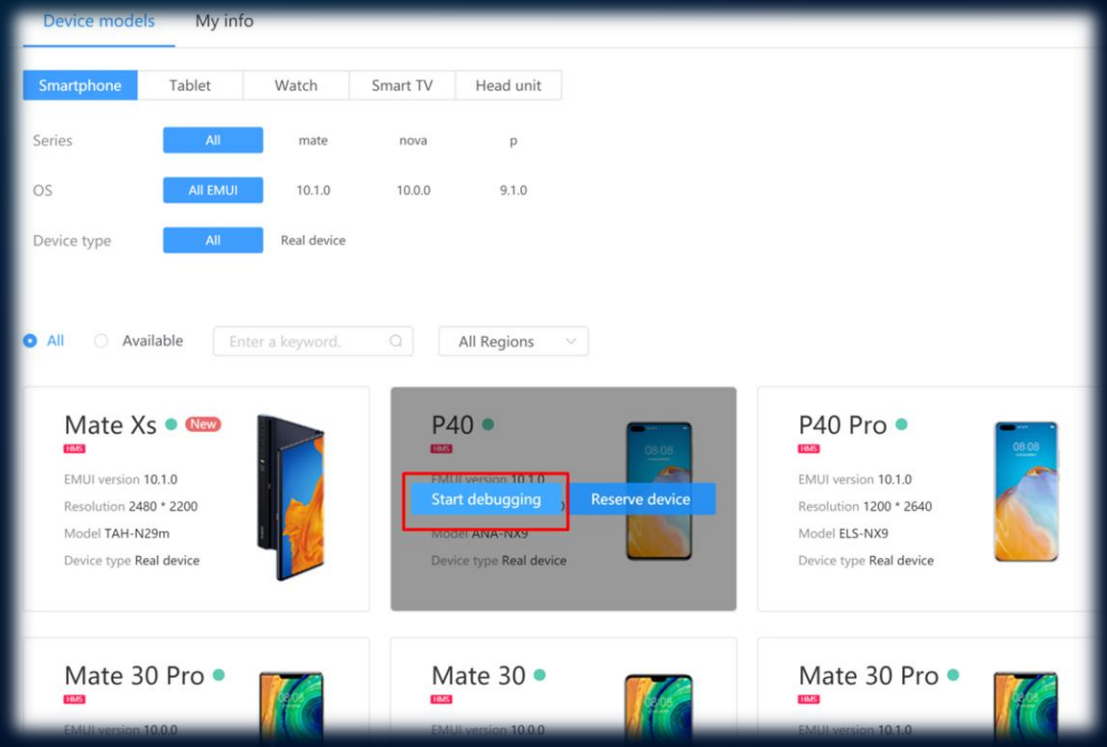
Cloud Debugging

Cloud Debugging tests your app using mainstream Huawei devices provided by Huawei.

You can run your app on the latest and most popular Huawei devices to test app functions.



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ICTA Huawei Mobile Services Training

BTK Academy Huawei Mobile Services Training:

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Presentations & Demo Project

GitHub repo for demo and presentations:

https://github.com/HSDTurkey

< HSD >

HUAWEI STUDENT DEVELOPERS

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Q&A

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Thank you.

Bring digital to every person, home and organization for a fully connected, intelligent world.

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