



Hebei EagleFly International Co. Ltd

E-SIM proposal

Vision

EagleFly aims to promote the secure and developed IoT application ecosystem to the world with EagleFly eSIM RSP solution. It combines our security chip module, eSIM platform with the operation services. EagleFly will help the local operators to establish complete eSIM application scenarios through self-support, cooperation and technology export.

We can provide a full range of eSIM modules+ Platform+ Service based on the local application environment to help customers quickly deploy and enjoy the security and convenience brought by technology. EagleFly will help mobile operator to achieve accurate product landing against different levels of operation and service.





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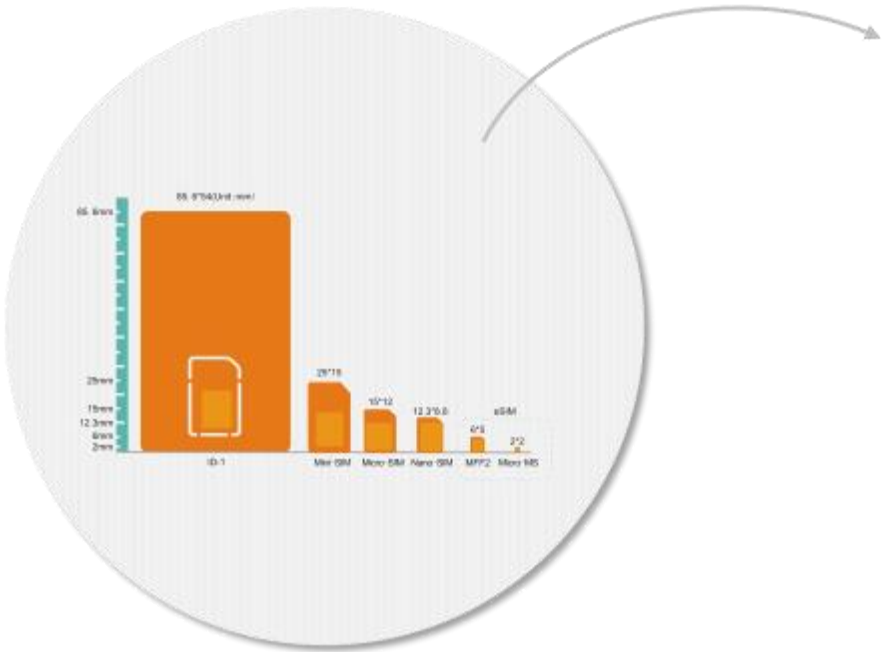
eSIM Introduction

2

eSIM Situation

3

eSIM Solution



eSIM products with the following three characteristics

Embedded

The SIM card hardware is highly integrated with the terminal module, making the operation more stable and effectively avoiding the risk of removable SIM cards and terminals.

OTA (Over the air)

It has the ability to change mobile numbers over the air to manage the registered numbers of local carriers for domestic operations and international import/export.

Small size

The smaller size (5mm x 6mm) of the eSIM compared to the minimum size of a plug-in SIM card provides more design space for terminal manufacturers.



Consumer Electronics



Wearable



Mobile phone



Smart Device

Functions:

- Location information
- Phone call
- Roaming service



Industry Electronics



Vehicle Device



Transportation

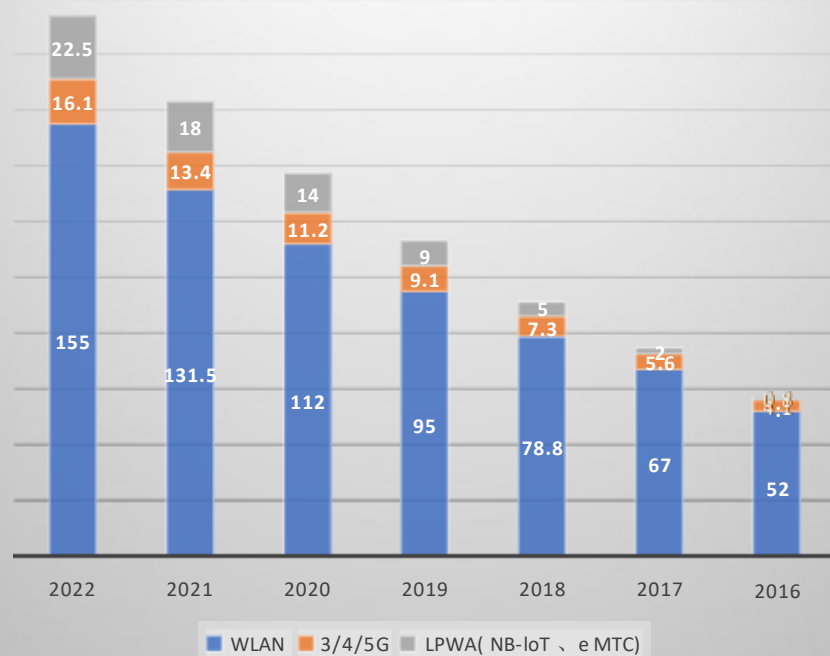


Monitor

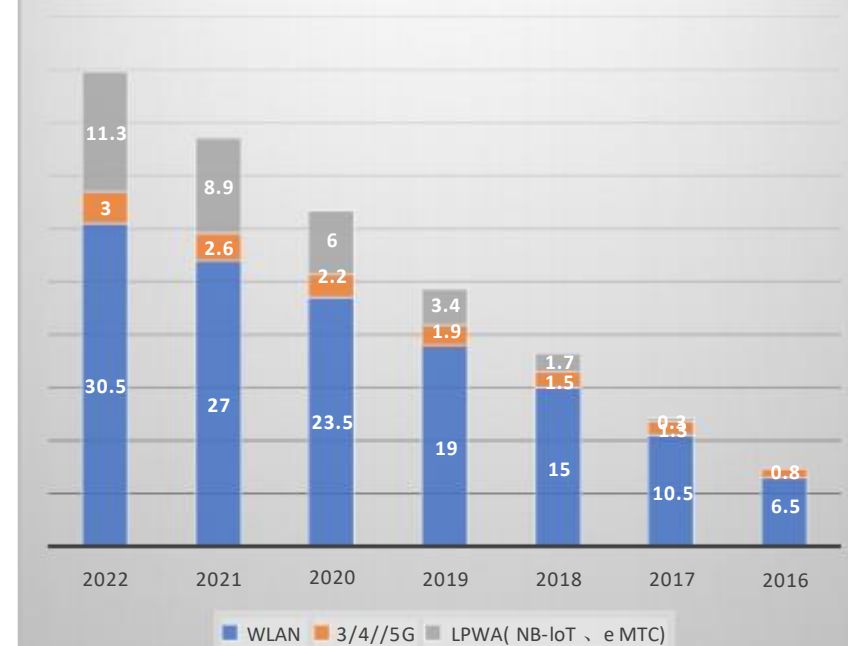
Functions:

- Location information
- Information collection
- e-CALL

Global IoT connectivity forecast (100 million, excluding mobile phones)



China IoT connectivity forecast (100 million, excluding mobile phones)



With the popularity of the IoT, the request for eSIM is increasing. Predicted in 2022, nearly 20 billion IoT connections in Global, and China will become the largest IoT market in the world. In 2022, China's IOT terminal almost 4 billion 480 million.



Independent R&D

Based on GSMA SM-DP/DP+ standard, EagleFly eSIM platform provides remote personalization/data management/phone number management/security management and other functions. Tianyu eSIM platform has the copyright of independent research and development.

Standard

Followed GSMA
International Standard of
Specification / Structure /
Security requirement.

Structure

Provide convenient access
to global operators.
Platform+application based
design and development,
and provide services for
the application layer.

Security

The GSMA security review
program introduced the SAS
standard, obtained the CA
certification assigned by GSMA,
and joined the eSIM global
system.



eSIM Connectivity Management Platform

Provide full set of eSIM RSP (SM- DP+) profile download service for subscribers and mobile operators. GSMA SAS-SM certificate has been obtained.



Subscriber Application

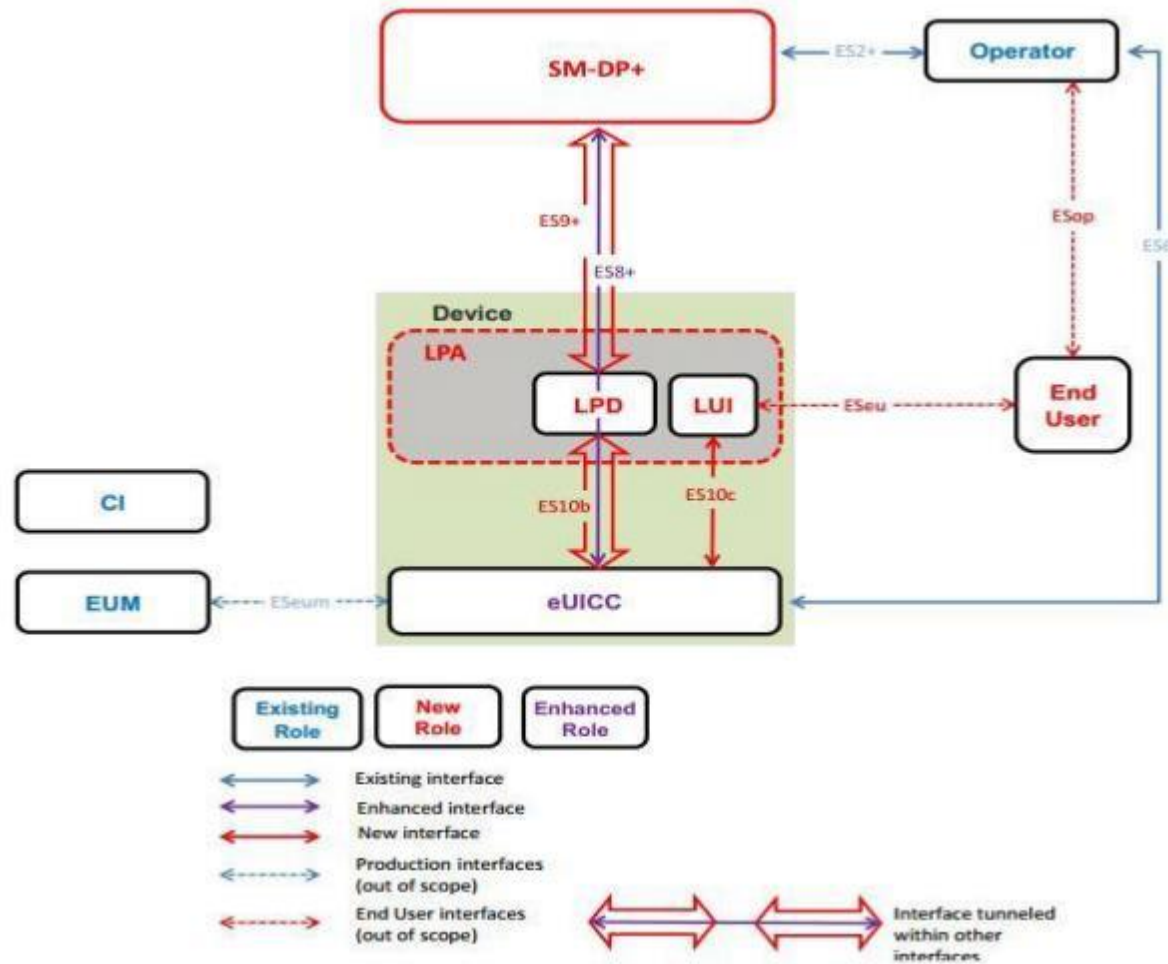
Provide LPA (Local Profile Assistant) application for mobile operators and terminal providers to remotely manage eSIM terminals and profile download



eSIM Modules

Providing eSIM module can perform remote profile management and downloading operations, helping users to quickly access operator services. It has obtained GSMA EUM RSP certification.

EagleFly eSIM connection management platform and eSIM modules are developed in accordance with GSMA international standards, providing a complete set of eSIM module + connection platform service solutions for terminal providers and operators.

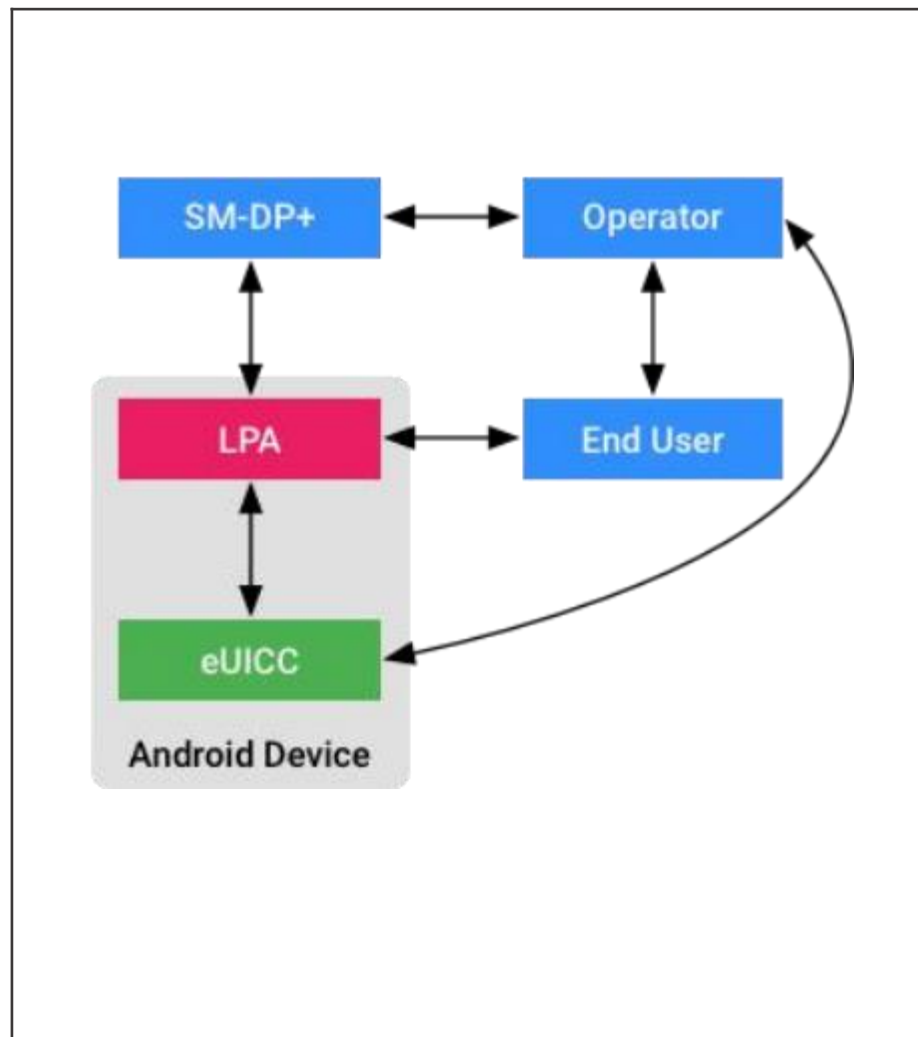


SM- DP+ (Subscription Management – Data preparation) of RSP(Remote SIM Provisioning)

SM- DP+ Platform, to organize profile and personalization data of operator;

LPA component, LPD(Local Profile Download) and SM- DP+ Platform can be connected by network.

LUI (Local User Interface), Users can manage the profile on the UICC platform.



LPA(Local P rofile Assistant) is an independent system of A ndroid application. The profile on eSIM is managed by LPA as a bridge between SM - DP+ and eSIM chip. LPA provides an interface for end users to manage ESIM profiles.



1

ETSI

- eSIM Card
- 2FF/3FF/4FF
- 108mm²



- Subscriber
- Industrial

2

ETSI

- RSP eSIM
- MFF2
- QFN 5*5/5*6
- 25-30mm²



- Subscriber
- Industrial
- Automobile

3

鹰飞国际
EAGLE FLY

- RSP eSIM
- DFN 3*3
- 9mm²



- Subscriber
- Industrial

4

鹰飞国际
EAGLE FLY

- RSP eSIM
- WLCSP
- 5-6mm²



- Subscriber
- Industrial

Thank you !

