GSMA

GSMA eSIM 服务

上海浦东 嘉里大酒店 - 3 号多功能厅

2023 年 6 月 30 日 星期五，10:00-11:00

Chris Li
GSMA 产品总监

MWC上海

MWC
GSMA

金牌赞助商 RedteaMobile Valid

GSMA

GSMA eSIM Service

Kerry Hotel - Function Room 3, China, Shang Hai Shi, Pudong

Friday 30 June 2023, 10:00-11:00

Chris Li
Product Director,
GSMA

MWC Shanghai

MWC GSMA

Gold Sponsors: RedteaMobile Valid

GSMA Services

Product Groupings

Themes	Blockchain and Roaming	Device Information	eSIM	Fraud Prevention and Security	Network and Interconnect
Device Data		**GSMA TAC Allocation** **GSMA Device Map** **GSMA Device Database**	GSMA eUICC Identity Scheme	**GSMA Device Check™** **GSMA Device Registry** **GSMA IRSF Prevention**	GSMA PathFinder™
Interoperability Solutions	GSMA eBusiness Network GSMA Node GSMA Settlement GSMA Negotiator		GSMA eSIM Discovery		**GSMA Network Settings Exchange** **GSMA Interoperability Testing** GSMA Root DNS
Assurance			GSMA eUICC Security Assurance GSMA Security Accreditation Scheme	**GSMA Network Equipment Security Assurance Scheme**	

Understand our service in details

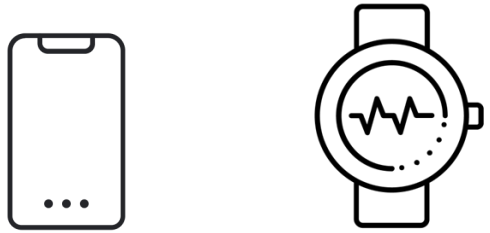
GSMA Online Service Demo

GSMA Services Introduction

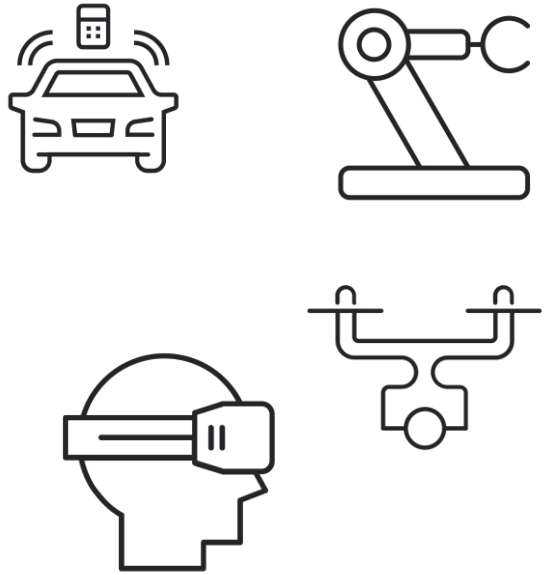
3 x eSIM Specifications

- Machine to Machine

- Consumer



- IoT



GSMA supports SIM / eSIM ecosystem at all levels

Ecosystem

GSMA eUICC Identity Scheme (eIS)

Allow manufacturer allocate their unique EID — each eUICC requires eUICC identifier. This applies to all eUICC manufacturers under the eUICC Identity Scheme

Manufacturing

GSMA Security Accreditation Scheme (SAS)

Ensure UICC/eUICC manufacturer and Remote SIM Provision follows comprehensive security requirement as stated in industry standards

Assure

GSMA eUICC Security Assurance (eSA)

Accreditation scheme squarely to enhance people's trust in eUICC products compliance with straight industry security requirements

Operations

GSMA eSIM Discovery (Root SM-DS)

The only remote eSIM provision method designated by the industry. Ensure seamless eSIM remote provision through standardized and automated approach

Impact of GSMA SIM / eSIM Services

Ecosystem

GSMA eUICC Identity Scheme (eIS)

5 Licensed companies

Manufacturing

GSMA Security Accreditation Scheme (SAS)

65 SAS-UP Accredited production locations
37 SAS-SM Accredited sites
3 SAS-SM Accredited Public Cloud providers

Assure

GSMA eUICC Security Assurance (eSA)

1 eSA Certification Body
5 eSA Licensed Labs
2 Accredited Products

Operations

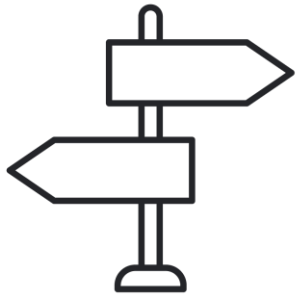
GSMA eSIM Discovery (Root SM-DS)

4 eSIM DS providers

3 ready to go

40 MNOs commercially using

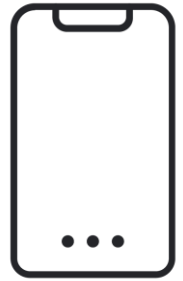
GSMA eSIM Discovery / Root DS



One Central Location

Enable Consumer and IoT devices to locate eSIM Profile

Automated, Simplified, Independent



Universal, independent lookup service which automatically connects MNO and device thus enabling simple eSIM RSP profile download

Extendable solution for superior “Open Box” Experience

Introducing GSMA eSIM Discovery

4
eSIM Discovery Providers

40+
MNO Account from 30+ countries

120+
Device Models from 25+ Major OEMs

42M+
unique devices since 2020

GSMA
eSIM Discovery
Provider

Giesecke+Devrient
Creating Confidence

THALES
Building a future we can all trust

TRUPHONE

IDEMIA

OEM brands supporting GSMA eSIM Discovery

Brands:

SAMSUNG

Google

SHARP

oppo

SONY

Rakuten Mobile

ZTE

hp

Lenovo

DELL

Motorola

FCNT

Microsoft

KYOCERA

MONTBLANC

Models including:

S23 / 22 / 21 / 20 Series, Z flips, Z folds, A54, A34, Watch 3 / 4 and more	Pixel 7, 6, 5, 4a and more	AQUOS wish2, wish, sense4 lite, sense6 and more
A73, Find X3 Pro, Reno 5A, Reno6 Pro 5G, A55s, OPPO Watch	Xperia 1, 5, 10 IV, Ace III, 10 III Lite	Rakuten mini, 5G2, BIG, Hand

Source: GSMA eSIM Discovery, May 2023

European MNO Case Studies

Deutsche Telekom Germany

"With eSIM direct, the activation of the eSIM profile on the end device is triggered by the network operator. The customer only has to confirm with "OK" on his or her device. The eSIM profile is transferred to the device immediately after the order is completed."

- How Deutsche Telekom is ready to ride the eSIM wave
- Easy and simple: eSIM
- What is eSIM? (German)

GSMA Case Study

Vodafone Germany

"Have you ordered your tariff with device online from us? Then the eSIM push runs automatically. We already activated your eSIM profile via the eSIM push when you placed your online order and paired it with your device……"

- How can I push my eSIM profile to a device? (German)
- Everything about eSIM (German)

GSMA Case Study

eSIM ecosystem - the new weapon to combat device fraud

- Fraudulent activities have always been challenge for the industry
  - New eSIM ecosystem is secure and tightly integrated for deploying sensitive eSIM profiles
  - eUICCs provide new opportunities to monitor suspicious activities

- Likely roadmap for reducing risk exposure
  - GSMA already manage list of flagged IMEIs on behalf of ecosystem
  - We are preparing an EID fraud list to flag devices that are high risk
  - Propose to reduce risk exposure through feedback loop on eSIM profile download

Next Steps

Device Manufacturer

- Are you product eSIM ready?
- Work with eSIM ecosystem to enable streamline eSIM download with eSIM Discovery

SM-DP+ Provider

Enhance your service for MNO by including

- eSIM Discovery support
- eSIM based anti-fraud enhancement

MNO

- Work with GSMA eSIM Discovery Service Provider to maximize eSIM benefits
- Explore new anti-Fraud tactics with GSMA service

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