



GSMA Services

Other key services to highlight

Adrian Dodd, Head of GSMA Services

Data, resources and tools to help your business thrive.



Device Information Services

Unique TAC* datasets that help optimise networks and service delivery.

GSMA Device Database
Original source for device identification and validation.

GSMA Device Map
Vital device intelligence for network and marketing planning.

GSMA TAC Allocation
We allocate the TAC that is used to identify all connected device models.



eSIM Services

Advancing the growth of eSIMs, with services that facilitate global adoption.

GSMA eSIM Discovery
A seamless method of activating new eSIMs on the right network.

GSMA eUICC Identity Scheme
Allocation of eUICC identification numbers for manufacturers.

GSMA eUICC Security Assurance
Instilling confidence that eUICC chipsets have reached rigorous industry security standards.



Fraud and Security Services

Essential tools to help reduce costly traffic fraud and mobile device crime.

GSMA Fraud Intelligence Service
Enables smart analysis and fast sharing of roaming and interconnect fraud.

GSMA Device Check™
Instantly look up whether a device has been reported lost, stolen or fraudulently obtained.

GSMA Device Registry
Flag a device's status to protect business and people against mobile device crime.



Network and Interconnect Services

Helping devices, the internet and networks interconnect optimally in the 4G and 5G era.

GSMA Interoperability Testing
Tests to demonstrate a network, roaming networks or devices are VoLTE capable.

GSMA Network Settings Exchange
Making sure your device network services are reliable.

GSMA PathFinder™
Route important messages from businesses to their customers

GSMA Root DNS
Ensures network services work seamlessly when roaming.



Blockchain and Roaming Services

Next generation wholesale roaming, with blockchain technology. Processes are now faster, transparent, and 5G-ready.

GSMA eBusiness Network
A multi-party blockchain telco network, enabling more efficient and cost-effective inter-operator business.

GSMA Node
A managed all-in-one toolkit for the GSMA eBusiness Network. Includes API access and hosting.

GSMA Negotiator
Online negotiation environment for roaming managers to forecast, analyse, negotiate and digitally sign roaming agreements

GSMA Settlement
Streamlined clearing and settlement process, for reduced disputes and speedier wholesale roaming billing.

GSMA Interoperability Testing – Tier 2 MNOs getting engaged

Network and Device Combination Test Certificate

This is to certify that [Company Name] on [DD MM YYYY] has successfully demonstrated the capability laid out in GSMA PRD IR25 and passed the Network and Device Combination Test to facilitate the deployment of VoLTE.

Identity of Network: Network-123001

Identity of Device: [Device Name]

The network tested was a Type 1/Type 2/Type 3/Type 4 Network

The test was performed using NG Service Profile Voice-1 / NG Service Profile Voice-2 / NG Service Profile Voice-3

Certificate Number: 2021-NDT-XXXX

Certificate Validity: A list of accredited organisations and tests passed is published on gsma.com/volterresults

Network Roaming Test Certificate

This is to certify that [Company Name] on [DD MM YYYY] has successfully demonstrated the capability laid out in GSMA PRD IR25 and passed the Network Roaming Test to facilitate the deployment of SRV-PL VoLTE Roaming.

Identity of Network: Network-123001

The network tested was a Type 1/Type 2/Type 3/Type 4 Network

The test was performed using NG Service Profile Voice-1 / NG Service Profile Voice-2 / NG Service Profile Voice-3

The network was tested for Inbound Roamers / Outbound Roamers / both Inbound and Outbound Roamers

The peer network was a Type 1/Type 2/Type 3/Type 4 Network

Certificate Number: 2021-NRT-XXXX

Certificate Validity: A list of accredited organisations and tests passed is published on gsma.com/volterresults

Network Test Certificate

This is to certify that [Company Name] on [DD MM YYYY] has successfully demonstrated the capability laid out in GSMA PRD IR25 and passed the Network Test to facilitate the deployment of VoLTE.

Identity of Network: Network-123001

The network was successfully proven to be a Type 1/Type 2/Type 3/Type 4 Network

The network was tested using NG Service Profile Voice-1 / NG Service Profile Voice-2 / NG Service Profile Voice-3

Certificate Number: 2021-NT-XXXX

Certificate Validity: A list of accredited organisations and tests passed is published on gsma.com/volterresults

Device Test Certificate

This is to certify that [Company Name] on [DD MM YYYY] has successfully demonstrated the capability laid out in GSMA PRD IR25 and passed the Device Test to facilitate the deployment of VoLTE and SRV-PL VoLTE Roaming on its [Device Name]

The device was successfully tested against all six recommended IMS service profiles as documented in GSMA PRD IR25.

Certificate Number: 2021-DT-XXXX

Certificate Validity: A list of accredited organisations and tests passed is published on gsma.com/volterresults

GSMA Interoperability Testing

- VoLTE Tests
- VoLTE Testing for Operators
- VoLTE Testing for Device Manufacturers
- VoLTE Test Results**
- ← Back to Network & Interconnect Services

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Video: Introduction to GSMA Services

SERVICES FOR MNO/MVNOs

SERVICES FOR OEM/EUMS

FOLLOW

VoLTE Interoperability Test Results

Here is where you can see the companies that have passed the VoLTE Interoperability tests. So these mobile network operators and device manufacturers are now independently verified. Meaning, they have demonstrated that VoLTE works smoothly on their network or device.

The results show the four different types of tests. You can search for a mobile operator or manufacturer in the search bar. Also, please use the arrows to group the listings alphabetically.

Search by operator or manufacturer

Network Test Network Roaming Test Device Test Network & Device Test

Network Operator	MCC/MNC	Network Type	IMS Profile	Date Test Completed	Certificate
Truphone HK	454 008	Type 4 - VoLTE, SMSoIP and IMS emergency	Bespoke	05/02/2022	2022-NT-3029
Truphone Germany	262 042	Type 4 - VoLTE, SMSoIP and IMS emergency	Bespoke	05/01/2022	2022-NT-4567
Truphone Netherlands	204 033	Type 4 - VoLTE, SMSoIP and IMS emergency	Bespoke	05/01/2022	2022-NT-5185
Truphone USA	310 300	Type 4 - VoLTE, SMSoIP and IMS emergency	Bespoke	05/01/2022	2022-NT-4379
Globelecom	266 001	Type 1 - VoLTE	Voice-2	15/10/2021	2021-NT-1627

SERVICES FOR MNO/MVNOs

SERVICES FOR OEM/EUMS

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Video: Introduction to GSMA Services

SERVICES FOR MNO/MVNOs

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Network Operator	MCC/MNC	Home Network Type	Home Network IMS Profile	SRV-PL VoLTE Roaming Configuration	Roaming Network Type	Roaming Network Country	Roaming Network	Date Test Completed	Certificate
Truphone	454 008	Type 4 - VoLTE, SMSoIP and IMS emergency	Bespoke	Home Public Mobile Network (HPLMN)	N/A	Hong Kong	HKT	03/02/2022	2022-NR-3099
Truphone	204 033	Type 4 - VoLTE, SMSoIP and IMS emergency	Bespoke	Home Public Mobile Network (HPLMN)	N/A	Netherlands	KPN	05/01/2022	2022-NR-7189
Truphone	262 042	Type 4 - VoLTE, SMSoIP and IMS emergency	Bespoke	Home Public Mobile Network (HPLMN)	N/A	Germany	Vodafone DE	05/01/2022	2022-NR-7214
Truphone	310 300	Type 4 - VoLTE, SMSoIP and IMS emergency	Bespoke	Home Public Mobile Network (HPLMN)	N/A	USA	T-Mobile US	05/01/2022	2022-NR-2190

4 tests are available to choose from

Publishing results in public arena promote confidence



The VoLTE tests are closely associated with GSMA Network Settings Exchange

GSMA Network Settings Exchange interrelationship

The respective IMS configuration settings of each network required for undertaking the tests are in the GSMA Network Settings Exchange platform, or can be placed there if not already uploaded

Once tests are successfully completed, notifications can then be automatically pushed to all OEMs and MNOs/MVNOs signed up to the GSMA Network Settings Exchange platform

Our test house, Mobileum then pull the correct IMS settings directly from the platform

OEMs are encouraged via the notification to act upon the settings

Newer services takeaways

GSMA eSIM Discovery

The industry's universal remote sim provisioning solution

- 4 Resellers
- 40+ Operators
- 15+ Manufacturers
- 40+ Device models supported

New Blockchain & Roaming

Our ground-breaking blockchain services will provide faster roaming negotiation and settlement, with fewer disputes

- GSMA eBusiness Network Access
- GSMA Node
- GSMA Negotiator
- GSMA Settlement