



VoLTE & 5G ROAMING
ROUNDTABLE
AT WAS#19

iBASIS

Roundtable objective

Stimulate **interaction** and **information sharing** with Mobile operators on VoLTE Roaming and 5G Roaming.

A **pragmatic** and **constructive** discussion, allowing early adopters to find each other and share their experiences and the ecosystem they benefit.



MASTER OF CEREMONY

Patrick
George

Chief Strategy Officer

JOIN THE CONVERSATION



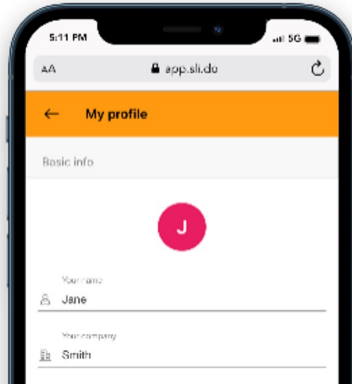
Share your questions,
opinions and experiences.

Your responses are key to shaping our discussion.

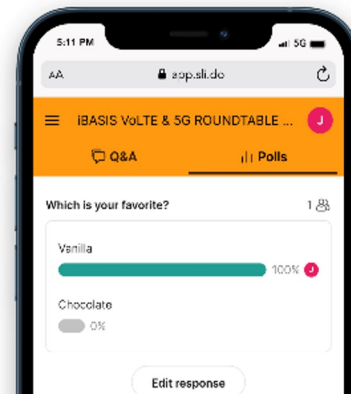
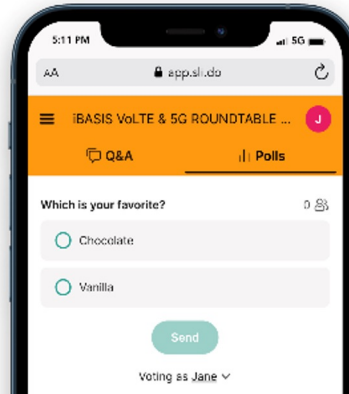
Scan the QR code or go to [Slido.com](https://www.slido.com) and enter the code

ibasiswas19

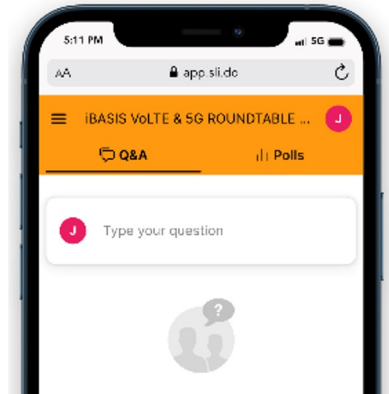
Edit your Profile

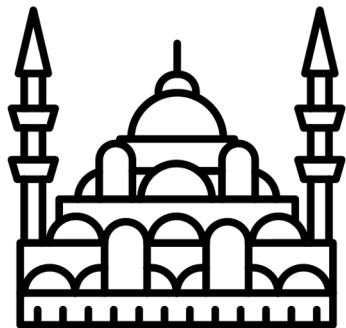


Answer polls and see the room's answers!



Submit questions





“LET’S TRY THE SLIDO” QUESTION

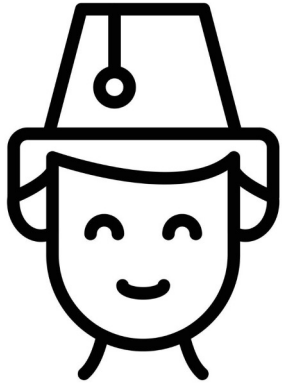
What are the historical names of Istanbul City?



What are the historical names of Istanbul City?

Wordcloud Poll 30 responses 27 participants





“LET’S TRY THE SLIDO” QUESTION

What is the estimated population of Istanbul?



What is the estimated population of Istanbul?

Multiple Choice Poll 33 votes 33 participants

5 Millions - 0 votes



15 Millions - 23 votes

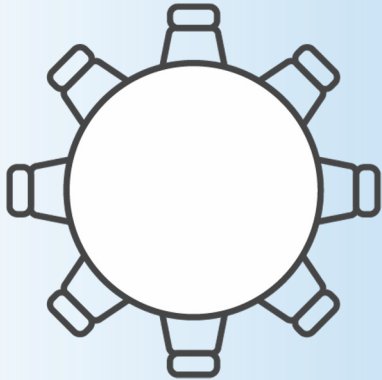


30 Millions - 10 votes



60 Millions - 0 votes





NAVIGATING THE NEW ROAMING LANDSCAPE

There is more to Roaming than what we think



Luc Lamoureux

Director International Roaming
Jio



Dhiraj Wazir

CEO
Rocco Strategy



Guillaume Klein

VP, Product Management
iBASIS



Maïssa Jamli

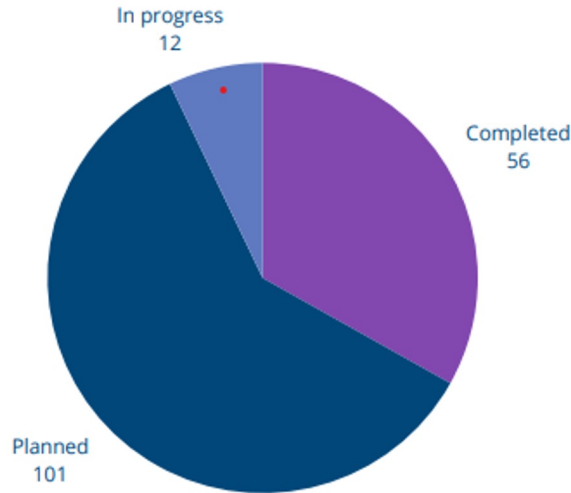
Head of Product Management,
Roaming Services
iBASIS



MARKET UPDATES

An outlook on global VoLTE & 5G Development

2G/3G SUNSET UPDATE



- **177** completed, planned or in progress 2G and 3G switch-offs in 59 countries and territories
- Total announced **2G switch-offs**, **7 operators** in 43 countries (24 completed)
- Total announced **3G switch-offs**, **93 operators** in 47 countries (33 completed)

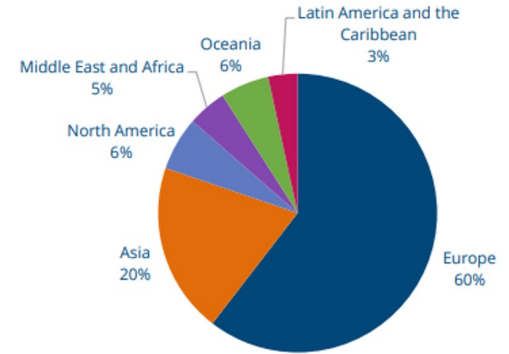
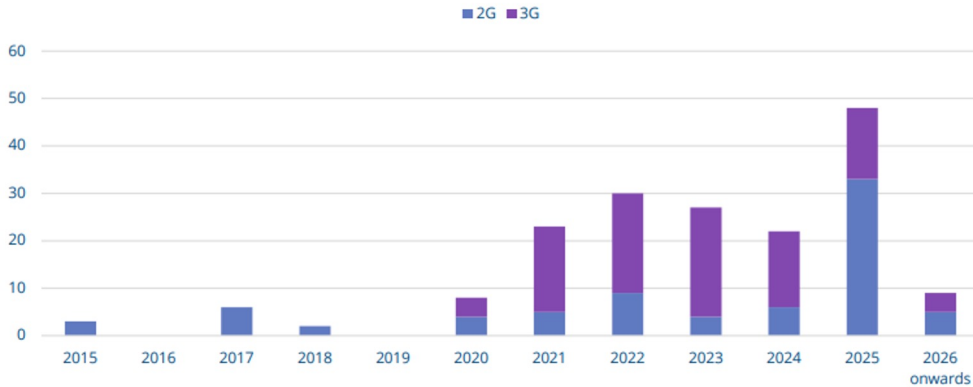
Source: GSA, 2G and 3G Switch-Of, December 2023

2G/3G SUNSET UPDATE



2025 is the most popular year for operators switching off 2G & 3G Network, with **33 2G sunsets** and **15 3G sunsets**

Europe has or will be undertaking the largest number of shutdowns, with **107**. **Asia** will be responsible for **35**, followed by **North America**, with **11**.



Source: GSA, 2G and 3G Switch-Of, December 2023

LTE

#824

operators running public LTE networks providing mobile and/or fixed wireless broadband services in 243 countries and territories.

VoLTE

#336

operators investing in VoLTE in 149 countries and territories,

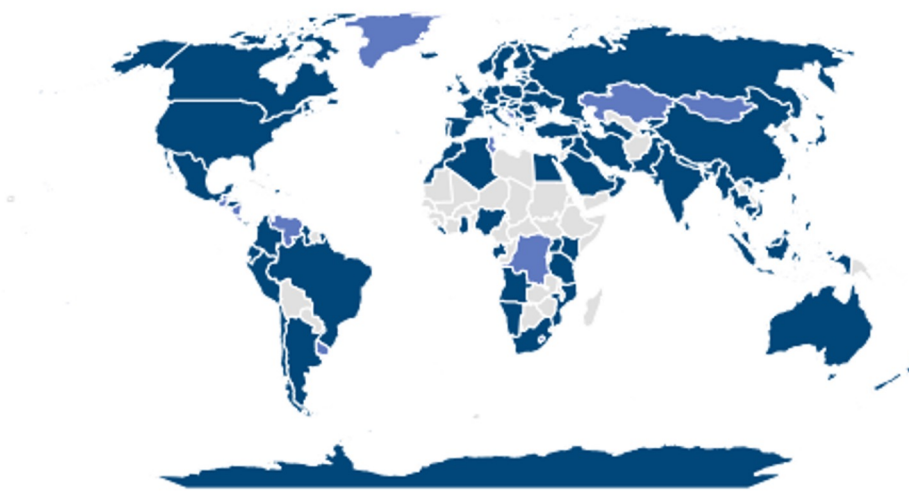
#280

operators that have launched or are currently deploying VoLTE voice services in 130 countries and territories.



Countries and territories with VoLTE services

■ Launched ■ Investing



Source: GSA, Evolution from LTE to 5G | January 2024

ONLY

34%

of MNOs that are running an LTE network have launched VoLTE services

Source: GSA, Evolution from LTE to 5G | January 2024

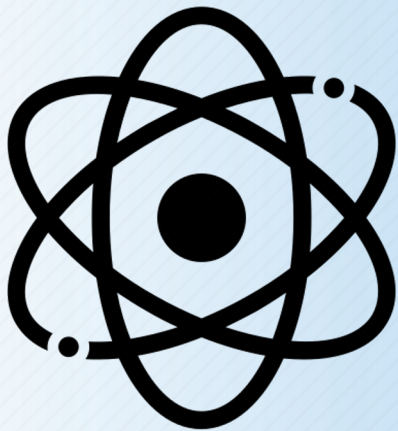
Have you Launched VoLTE Roaming?

- yes
- ongoing
- no

QUESTION TO THE AUDIENCE

Things you wish you knew
before enabling VoLTE
Roaming?





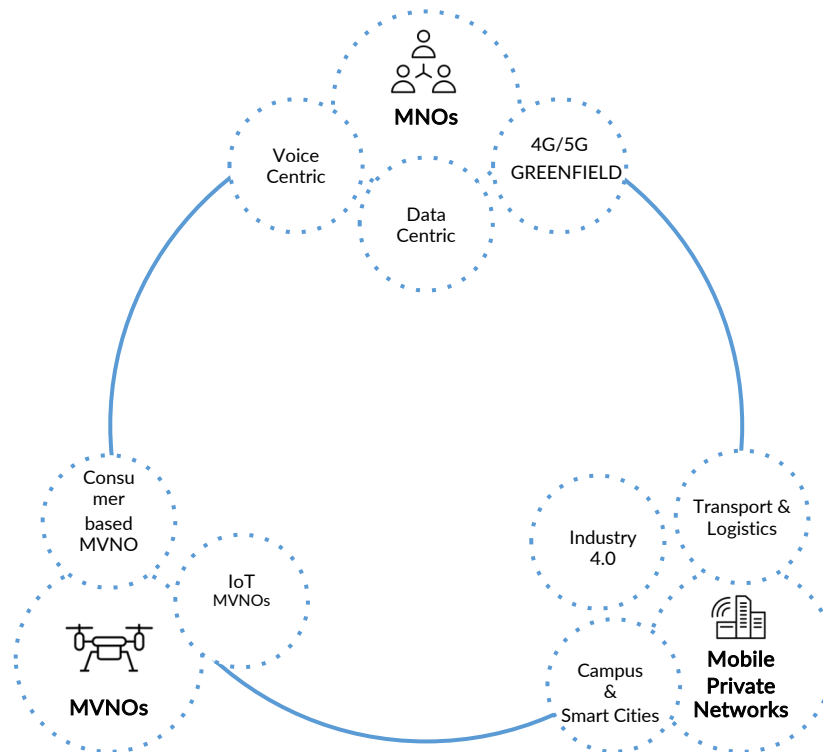
MARKET DEVELOPMENT

An outlook on Mobile Ecosystem Evolution

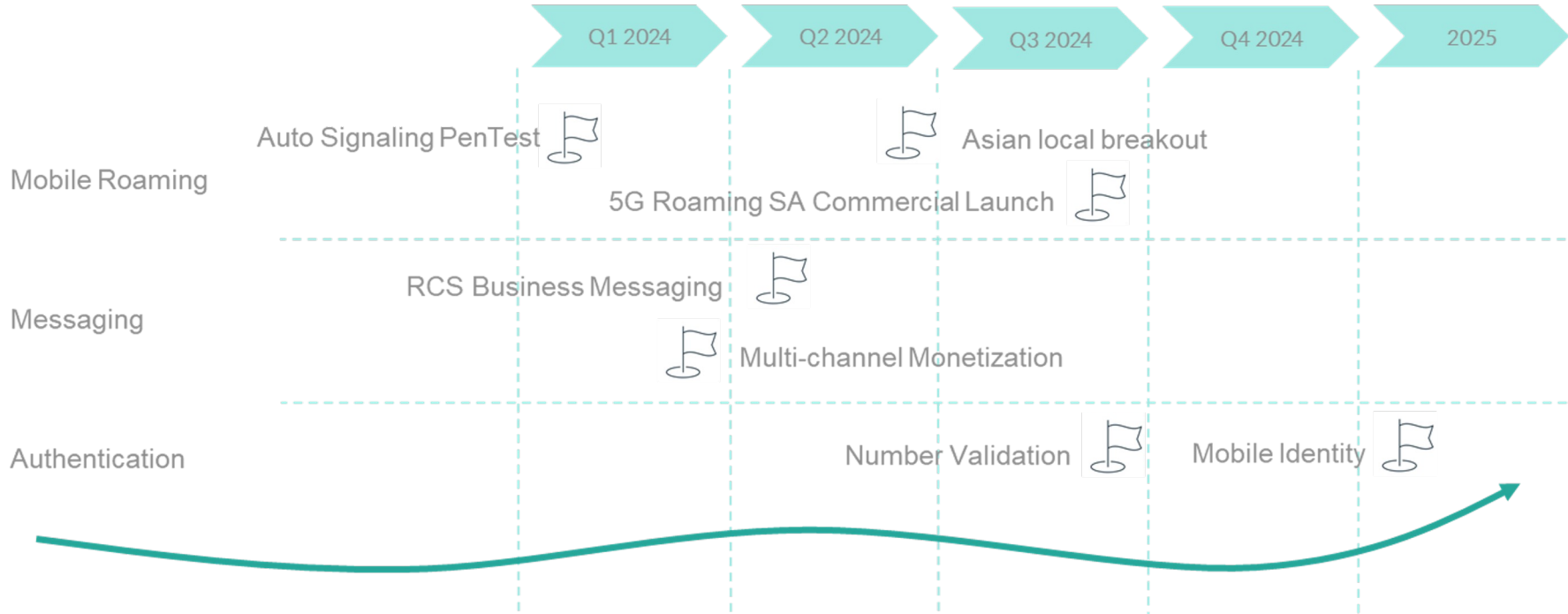
A NEW MOBILE NETWORK ECOSYSTEM IS BUILDING UP

New demands

- ★ Roaming
- ★ Interworking
- ★ Low Latency
- ★ Roaming
- ★ Private-Public
- ★ Roaming
- ★ Non terrestrial
- ★ Roaming



MOBILE & NEW SERVICES ROADMAP





Which topics would like to explore at the next roundtable?

Multiple Choice Poll 19 votes 19 participants

5G Commercial updates - 1 vote



5G & IoT - 3 votes



IoT Roaming challenges - 6 votes



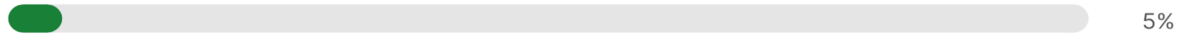
VoLTE Interworking - 1 vote



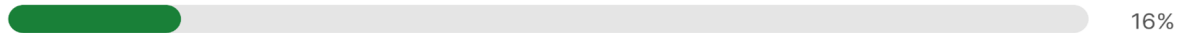
VoLTE steering - 4 votes



Security - 1 vote



Messaging - 3 votes





Thank you