

One Network. Any Cloud. All Software.

## INNOVATION AT SOFTWARE SPEED, WHY ALMOST 100% OF OPERATORS SURVEYED ARE EMBRACING OPEN ARCHITECTURES

To find out where mobile network operators (MNOs) are on their journeys, Mavenir commissioned a survey with the GSMA's Mobile World Live reaching executives from 156 global network operators. In this survey, Operators shared their views on virtualization, public and private cloud strategies, multi-generation networks, Open Radio Access Network (Open RAN) and network automation.



### KEY FINDINGS

**95%** understand the importance of virtualization and have it on their roadmaps

Operators recognize a need for tools that will enable them to maximize ROI and keep up with changing demands. With virtualization comes the opportunity to **adopt automated processes** that speed upgrades, provision new services dynamically, and enable network slicing.

**98%** are considering Open Architectures



**75%** consider it as an essential process or a critical step

### IS OPEN RAN ON YOUR ROAD MAP?

**47%** EVALUATING/ CONSIDERING OPEN RAN

**24%** IN ACTIVE TRIAL

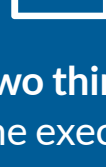
**18%** DEPLOYING OPEN RAN

**8%** UNCERTAIN

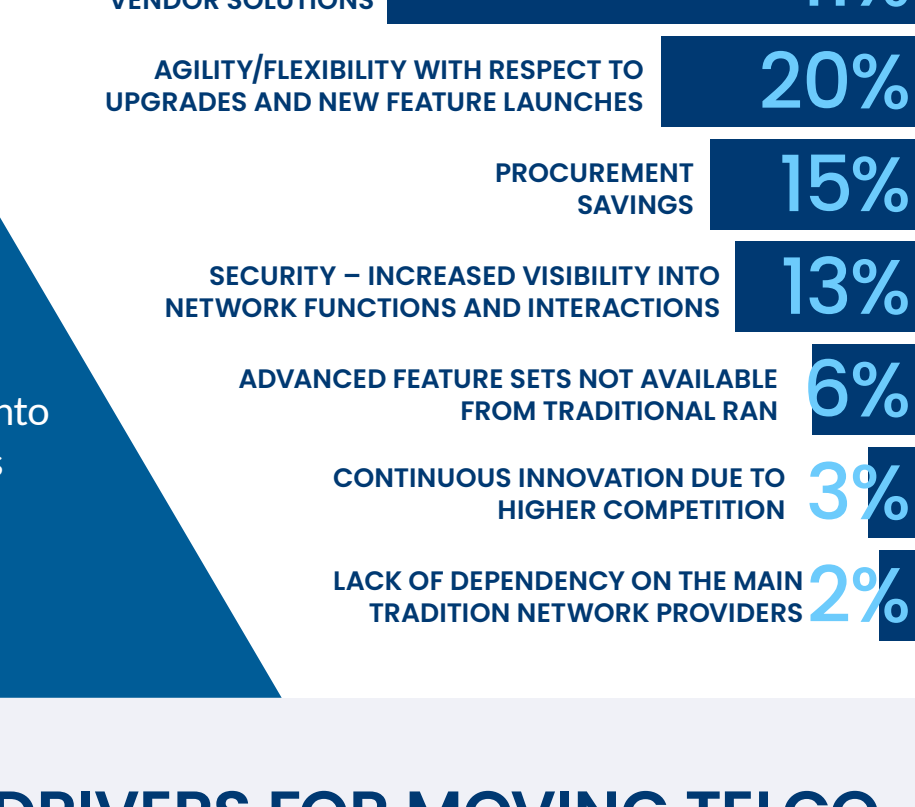


**92%** SERIOUS ABOUT OPEN RAN

### TOP BENEFIT OF OPEN RAN:



Two thirds of the executives surveyed ranked increased security through visibility into network functions as one of the top three reasons to adopt Open RAN.



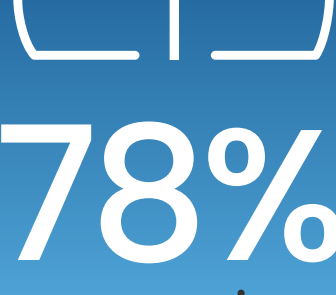
### TOP DRIVERS FOR MOVING TELCO WORKLOADS TO THE PUBLIC CLOUD



### MOVE TO THE CLOUD

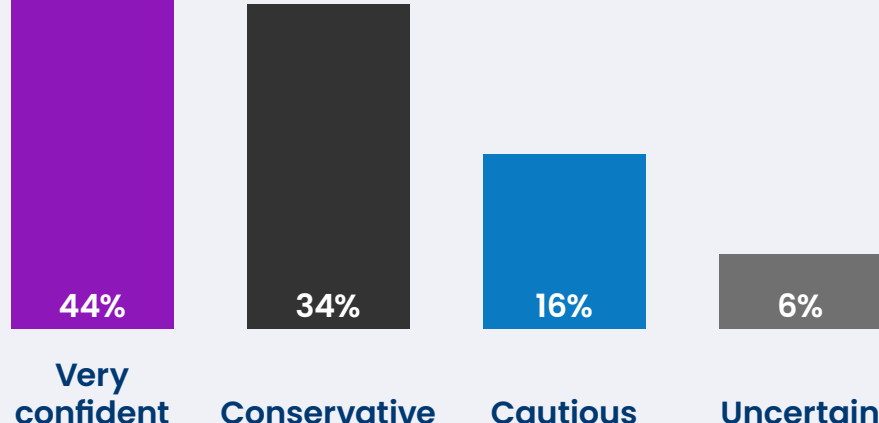
Mavenir's cloud-native approach presents new pathways for automated networks to deliver on the use cases and data demands of today and beyond, such as moving intelligence closer to the edge. Mavenir's **cutting-edge software** technology future proofs and simplifies requirements to support multiple deployment scenarios including public, hybrid and private cloud.

**CLOUD IS THE FUTURE**

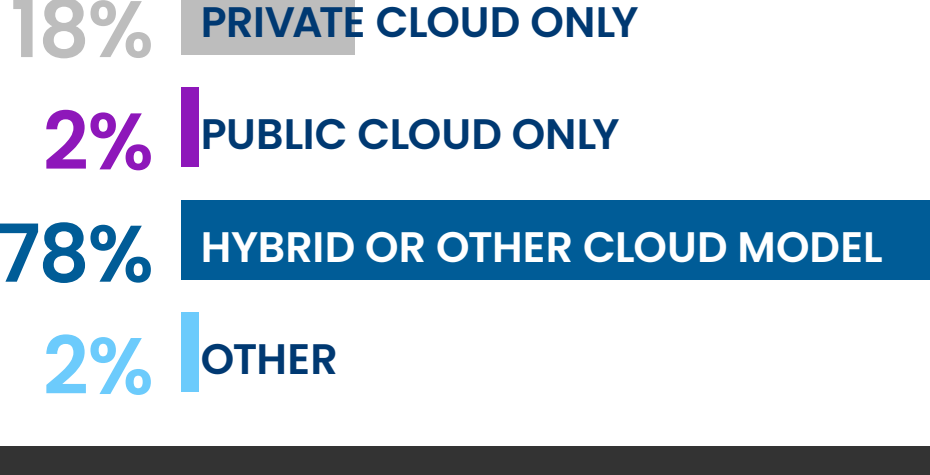


**78%** are moving towards the cloud

### HOW WOULD YOU CLASSIFY YOUR COMPANY'S APPROACH TO PRIVATE OR PUBLIC CLOUD?



### WHILE ADOPTING CLOUD WILL YOUR ORGANIZATION ADOPT....

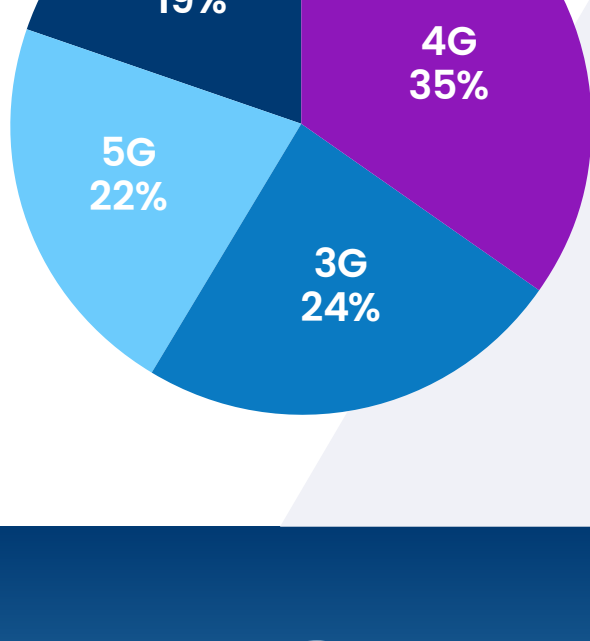


### ONE NETWORK

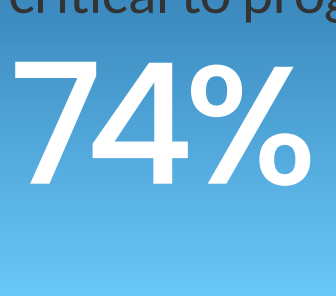
Mavenir is reinventing radio access networks by utilizing new architectures that take advantage of **artificial intelligence and machine learning**. The cell site is the new edge platform with the ability to support applications that run new and traditional business. Mavenir's cloud-native solutions allow for one architecture that addresses legacy networks (2G/3G/4G) as well as densifies the coverage for 5G with aggregation of processing in the CU and DU which simplify the cell site and transform the Total Cost of Ownership.

### WHAT DO YOU CURRENTLY HAVE IN YOUR NETWORK?

2G clearly still plays a role in today's networks – A significant number have no plans to sunset 2G, and will continue to use it for voice fallback, emergency services and/or IoT. In addition, 2G is foundational to global roaming, meaning operators will need to choose Open RAN vendors who can support it.



WHAT IMPORTANCE IS PLACED ON HAVING AN AGILE MULTI-GENERATION NETWORK READY FOR 5G?



critical to progress

**74%**