ERICSSON S Google Cloud

Are small to medium-sized CSPs ready for a new way to 5G?

Services, customers, and content now live in the cloud – and **CSPs need a network to match.**



5G core sets CSPs up to succeed — with evolved architecture to handle next-generation services — offering a better experience for customers and new possibilities for content.

That's why deploying 5G core is now a necessity.

However...

Deploying 5G core on-prem is challenging.

High complexity

Planning, deploying, and operating the core network internally is increasingly complex.





Slow time-to-market

Building, testing, and optimizing a new core network solution or generation can take months or even years.

High expenditure

Evolving the network, organization, and people across generations of technology drives cost and is not fit for all.



Top factors preventing in-house cloud-native 5G core deployment by CSPs.¹





Integrating with complex hybrid and multi-cloud networking environments.²





Managing cloud-native 5G and legacy components internally.²



40%

Vendor compliance with current or previous specifications.²

- As a result...

97% of CSPs¹ aim to deploy a Core Network as a Service (CNaaS) solution within four years.²

With the top use cases being:











of CSPs¹ consider lack of skilled architects and operations people a top driver for implementing a 5G CNaaS.²

Click here to download the full Core Network as a Service study today!



¹ "CSPs" here refers to those studied network operators with 5 million or fewer subscribers in their networks.

 $^{\rm 2}$ Core Network as a Service study - 2025.