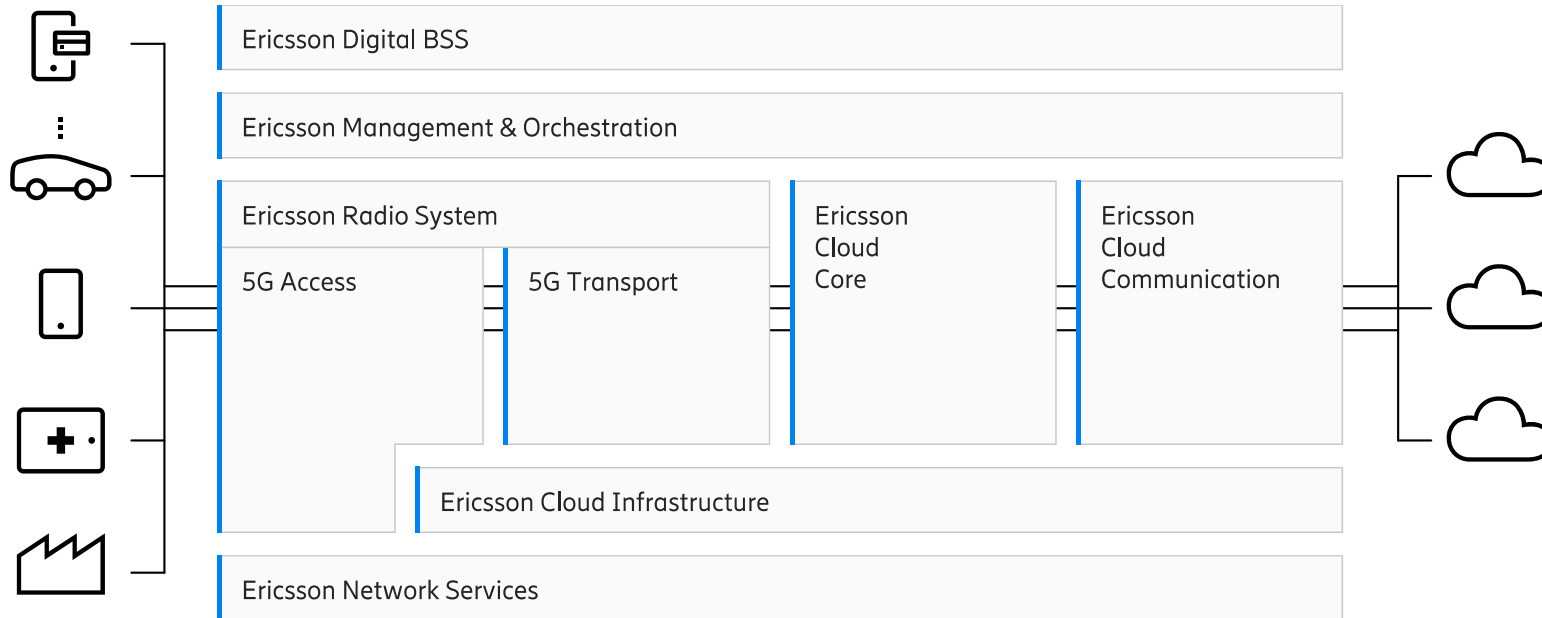


Ericsson's dual-mode 5G Cloud Core

Commercial presentation

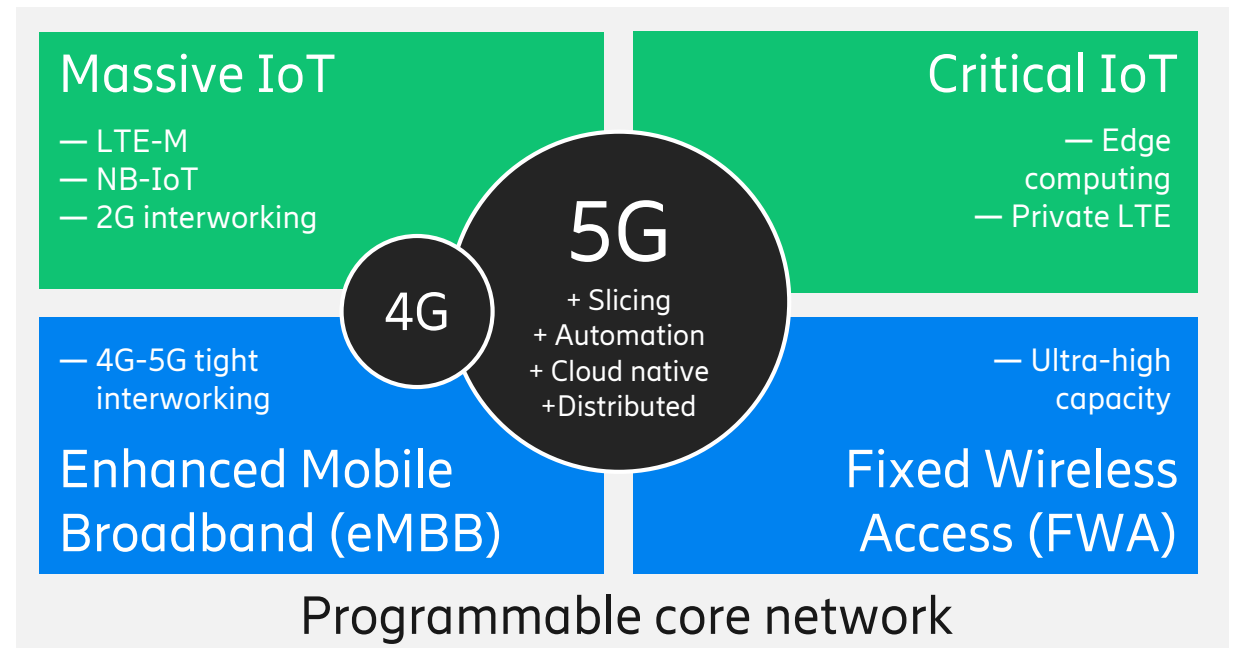
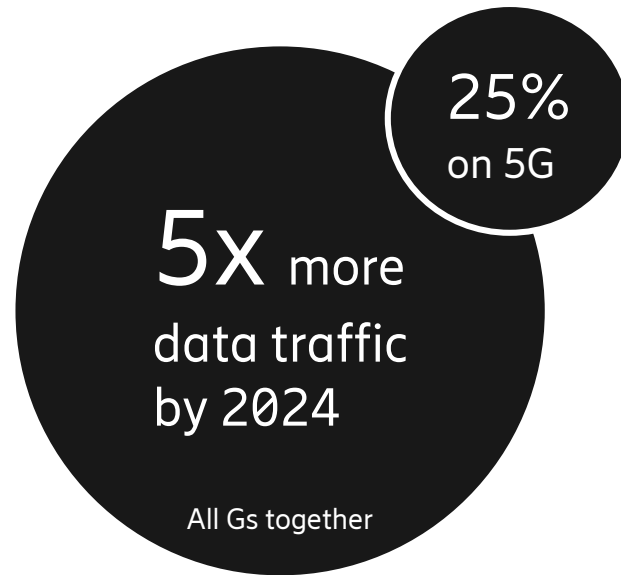
Part of Ericsson 5G platform



Smooth network evolution and deployment at scale

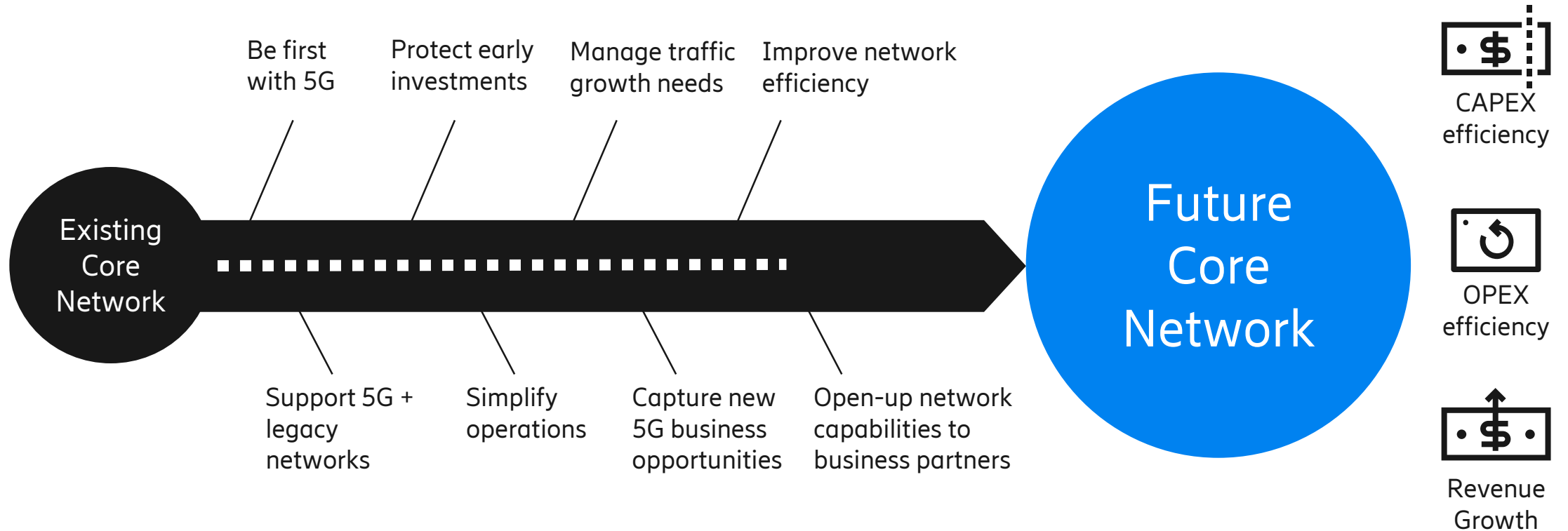


New business opportunities with 4G and 5G dominating growth



Source: Ericsson Mobility Report, November 2018

Service providers' challenges on the path to 5G



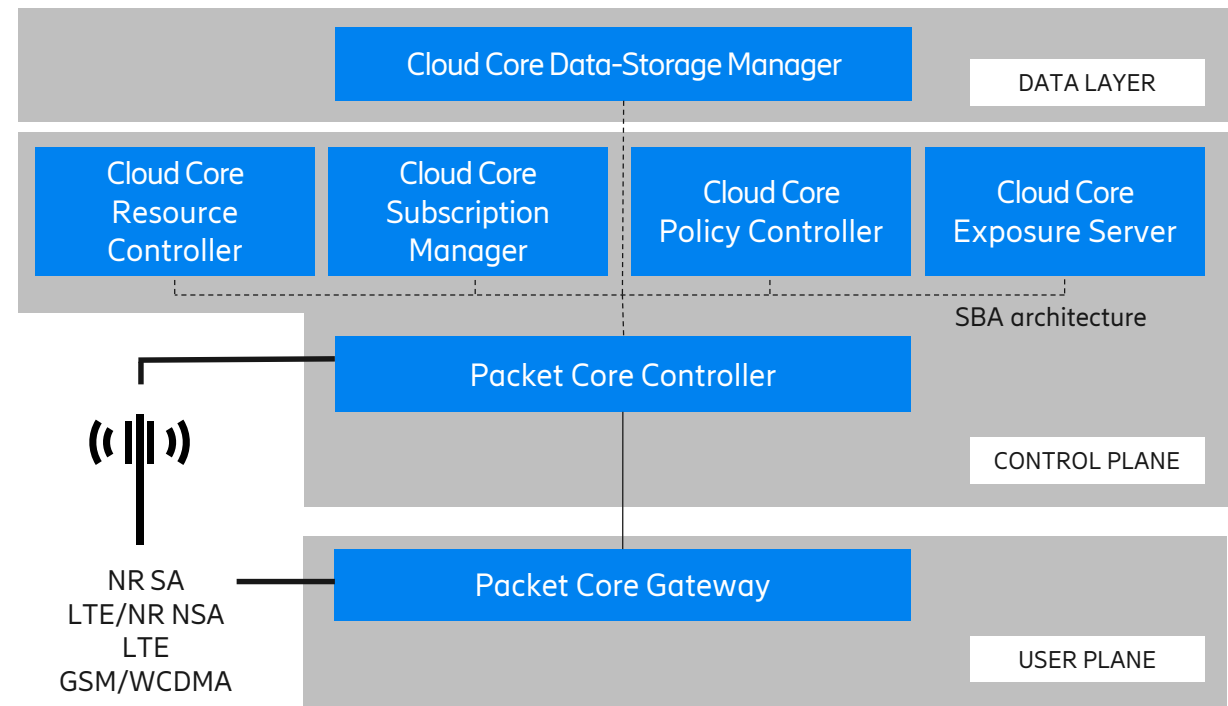
Dual-mode 5G Cloud Core solution

- a new core solution for 5G and earlier standards



Solution highlights

- Single platform for EPC and 5GC functionalities.
- Cloud native/microservice architecture.
- Automated and simplified O&M.
- High user plane performance and scalability.
- Network exposure capabilities for programmability.
- Supporting a gradual and flexible evolution to 5G.



How our new solution addresses the challenges



	Challenges	Ericsson's dual-mode 5G Cloud Core proposition
Optimized TCO Revenue growth	Manage growth with CAPEX efficiency	One core network to manage 4G and 5G traffic growth, with investment re-use <ul style="list-style-type: none">– User plane with high capacity, scalability and flexibility to manage 5G high-peak rates– Highly resilient and flexible data storage for network slicing and distributed cloud use cases
	Reduce OPEX and operational inefficiencies	One cloud native software platform for (5G) EPC and 5GC <ul style="list-style-type: none">– Simplify operations with automation and common O&M across all products– Flexibility to manage 4G and 5G traffic; automated lifecycle and services provisioning
	Grow revenue with agility and speed	Fast time to market for the launch of 5G services <ul style="list-style-type: none">– Network exposure capabilities with open APIs enabling a partner ecosystem for innovation– Network slicing solution customizable per use case



“As we evolve our network to 5G, we need to simplify operations, reduce time to market for new functionalities, and open up our network for innovation. Ericsson’s dual-mode 5G Cloud Core allows for the flexible evolution of our 4G Core network to a combined 4G and 5G network while maintaining cost efficiency. Adding to this, the evolved Ericsson Dynamic Orchestration solution bring us the automation of network slices required to reduce our provisioning time of services from weeks to hours.”

Patrick Weibel
Head of 5G Program at Swisscom





“To further reinforce our leading position in 5G we are extending our 5G network capabilities to support the new 5G NR stand-alone. This puts new requirements on our core network to cater for extreme traffic peaks from new 5G services, simplify our operations and increase flexibility to deploy use cases based on network slices. With Ericsson’s dual-mode 5G Cloud Core solution, we will meet these new requirements.”

Joong-Gunn Park
Head of core network R&D at SK Telecom





“With the launch of its dual-mode 5G Cloud Core portfolio, Ericsson strengthens its end-to-end 5G platform with a multi-access, cloud-native core network solution. Built on a microservice architecture, and with its high-capacity user plane and network exposure capabilities, service providers will enhance network efficiency to manage traffic growth and to capture new 5G business opportunities.”

Stephanie Gibbons
Principal Analyst, Intelligent Networks, Ovum



Summary – three reasons to embrace Ericsson's dual-mode 5G Cloud Core



Optimized Total Cost of Ownership

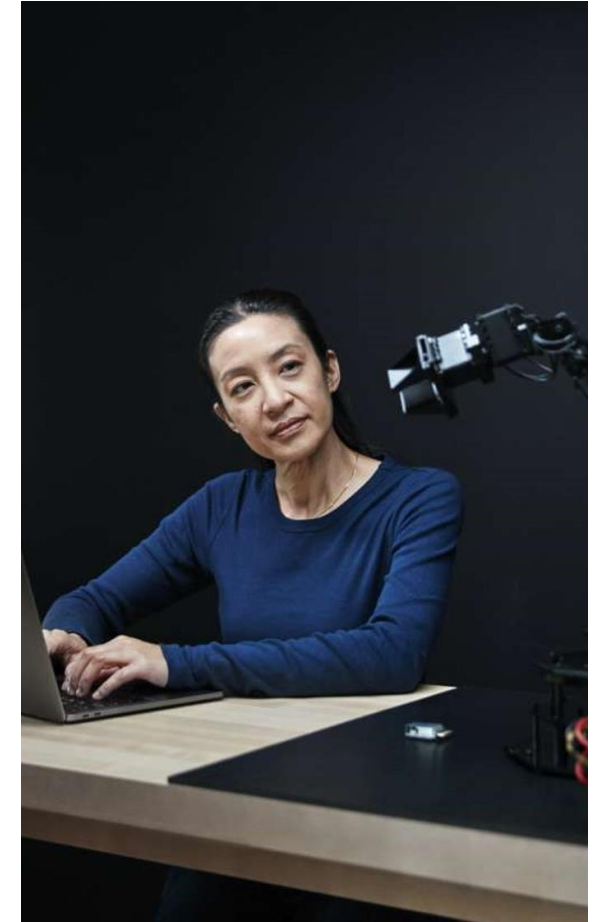
- One core network for 5G as well as earlier generations.
- Cloud native for automated capacity elasticity, efficient and robust operations.

Revenue growth

- Open APIs for innovation on 5G capabilities like network slicing and edge computing.

Reliable partner

- Product capabilities and wide deployment experience acquired in early 5G deployments.





ericsson.com/5g-core