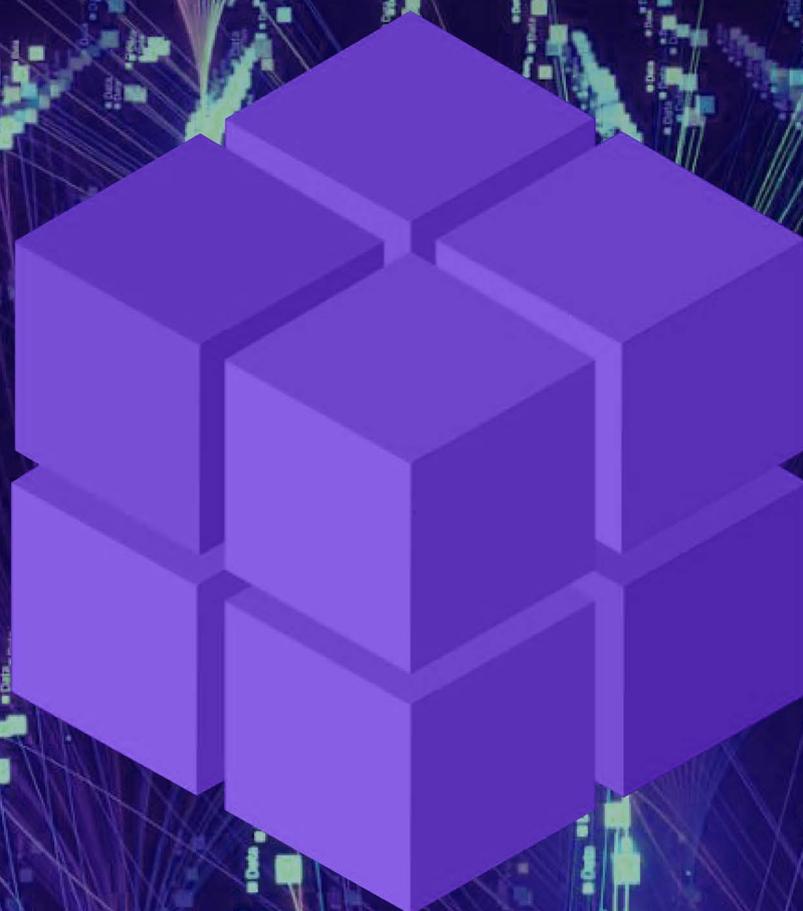




ERICSSON

Ericsson Integrated Core Solution



Providing best-in-class Cloud Native support

Ericsson Integrated Core Solution provides Cloud Native support for 4G, 5G Non-Standalone (NSA), and 5G Standalone (SA) networks. Built on field-proven Ericsson 5G Core products, it seamlessly integrates Ericsson Packet Core, User Data Management, and Ericsson Cloud Native Infrastructure solutions (CNIS), ensuring streamlined deployment, operations, and life-cycle management (LCM), providing faster time-to-service through pre-validated configurations, and enabling a high degree of automation for deployment and LCM.

By optimizing total cost of ownership (TCO) and enhancing operational agility, this solution serves as an ideal choice for communications service providers (CSPs) to offer mobile broadband services and fixed wireless access (FWA), as well as for mission-critical network (MCN) services. The Ericsson Integrated Core Solution can be used by public sector agencies or system integrators to provide mission-critical 4G and 5G services for defense, public safety, and utilities.

Key benefits

Smooth Cloud Native introduction

Pre-validated configurations simplify Core network project deployment, such as greenfield installations and upgrading legacy Core networks.

Reduced time-to-service

Accelerated deployment time and software upgrades, allowing for faster launch of end-user services.

Fast and efficient software LCM

Validated upgrade paths offer different cadence options, leveraging Ericsson's advanced methods and technologies to enable fast and efficient software upgrades.

Best lifetime value

Low TCO for initial deployment and LCM, as well as service flexibility to monetize 5G SA user services.

A low TCO solution: Ericsson Integrated Core Solution merges the advantages of an industrialized, automated, and resource-optimized solution with the capabilities of

Ericsson's 5G Core products. Its adaptability supports new use cases and workloads, empowering CSPs to grow and evolve their services.

Standardized and proven SW			Pre-defined solution for MCN networks		
20% Resource efficient dual-mode 5G Core design compared to legacy technologies	60% CAPEX/OPEX reduction with SW probes and 99,9% less data to reporting tools	70 + CSP Cloud Native live deployments	95% Reduced parameter input in low level design by pre-defining the solution	1 design One reference design that can be replicated across sites with automation tools	10 weeks From HW racked and stacked on site until first node ready. 60% lead time reduction compared to individual product
30% Footprint, LCM and energy efficiency from utilizing latest CPU from Intel and AMD	15% O&M cost reductions with simplified diagnostics, troubleshooting, and LCM for CNIS	Wide area MCN Global references using dedicated core	Geographical redundancy support For both natural and man-made disaster scenarios	50% LCM time reduction compared to upgrading multiple individual products	6 vs 12-month cadence options with validated upgrade flow

Leveraging the values of Ericsson's dual-mode 5G Core for industrialized solutions

Key challenges in adopting new technologies

CSPs are facing increased complexity while striving for positive revenue growth and reduced operational expenses. Additionally, global security threats raise the demand for upgrading software quickly and smoothly.

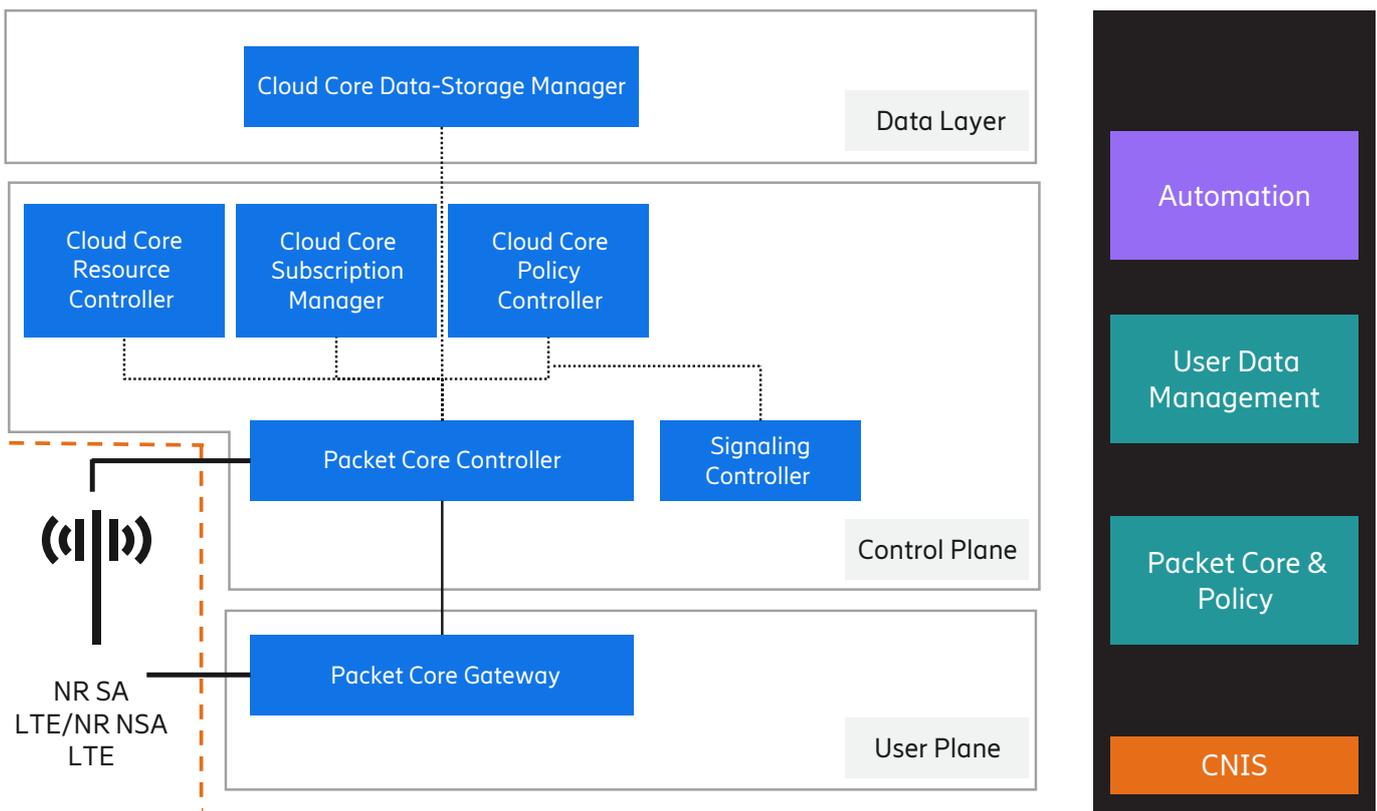
Deploying a greenfield Core network can overwhelm CSPs and MSN service providers who cannot invest heavily in 5G Core technical experts, whether they aim to expand their networks with Cloud Native technology or migrate from legacy Core systems.

Successful adoption requires low-touch deployment methods, automated designs, and configurations with fewer input parameters. Easy upgrade procedures require minimal preparation time, troubleshooting efforts, and manual acceptance tests. Without effective automation tools to streamline deployment and LCM, processes risk substantial delays.

Deploy a complete 5G Core network in ten weeks

The Ericsson Integrated Core Solution offers an optimized 5G Core introduction, featuring pre-configured Packet Core, policy, user database management, and signaling control products deployed on Ericsson's CNIS. It drastically

reduces both cost and complexity for MCN service providers and CSPs seeking future-proof and efficient Cloud Native operations, while scaling their existing network capabilities.



Components of the Ericsson Integrated Core Solution

Smooth Cloud Native introduction

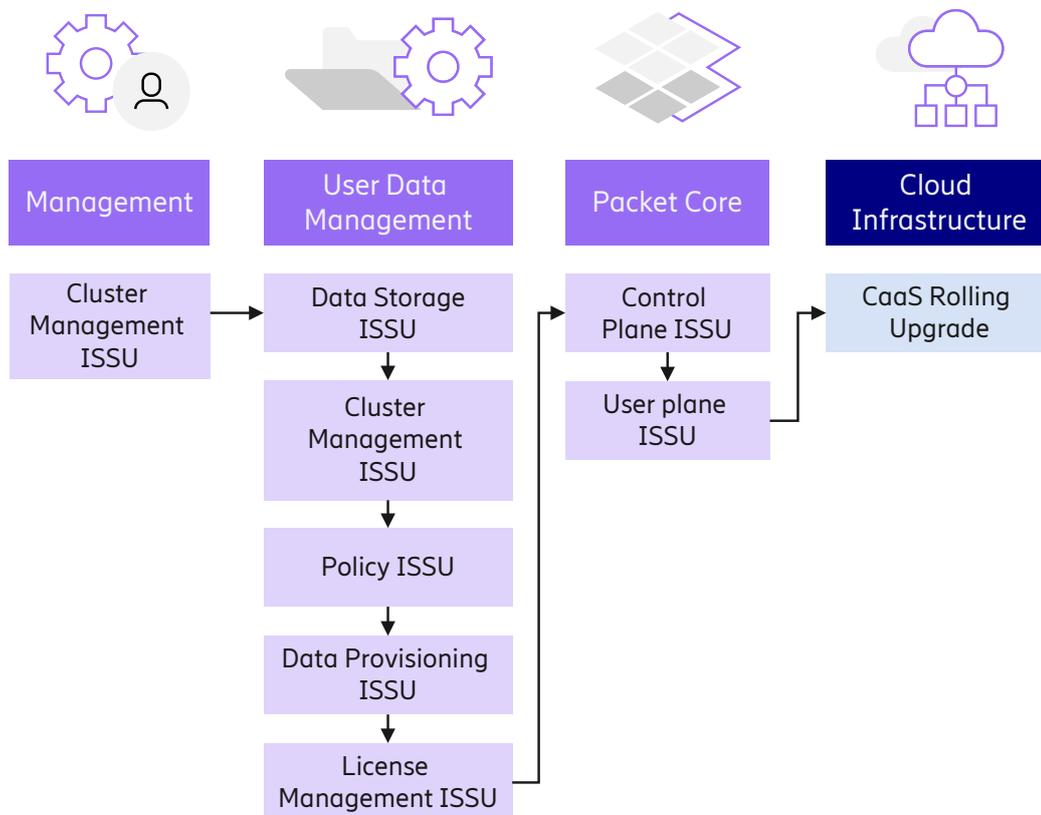
The Ericsson Integrated Core Solution is designed with streamlined processes, leveraging Ericsson's experience from deploying more than 70 Cloud Native CSP networks globally. Automated and validated configurations enable fast deployment of Cloud Native infrastructure and applications. It also benefits from the rich features of Ericsson's 5G Core products, creating the foundation to launch a wide variety of 5G SA use cases.

Reduced time-to-service

Pre-configured use cases shorten deployment time by 50 percent and ensure on-time delivery. Time-saving features guarantee rapid implementation from hardware installation to complete customer acceptance, with support for pre-staging methods at sites with limited accessibility.

Optimized software upgrades

Validated upgrade paths and ISSU capabilities minimize preparation time and secure improvements with minimum downtime. Ericsson's centralized expert team ensures collaboration with research and development (R&D) teams to facilitate the efficient execution of upgrades



Example of a verified Ericsson Integrated Core Solution upgrade flow

Best lifetime value

With years of expertise, the Ericsson Integrated Core Solution combines service delivery experience and R&D investments in Cloud Native 5G Core products and cloud infrastructure. The solution is built for optimized TCO with life-cycle management in mind. To ensure continuous optimization, updates occur regularly to support the latest hardware and CPU generations, further reducing energy consumption through power-saving features. Combined with pre-defined use case options, this industrialized approach empowers CSPs with the flexibility to monetize 5G SA use cases and explore new revenue streams.

Modernizing networks with 5G and Core capabilities

The Ericsson Integrated Core Solution's primary business is to support MCN service providers with optimized 5G Core introduction and to modernize CSPs' legacy Core networks with Cloud Native features, improve subscriber and traffic management efficiency, and support 5G SA use cases.

This solution delivers low TCO to CSPs and wide-area MCN service providers, enabling them to build greenfield Cloud Native Core networks and expand network capacity and throughput with Cloud Native technology—modernizing legacy Core systems.

APPENDIX: Product information

The following components are included in the Ericsson Integrated Core solution:

- Packet Core Gateway
- Packet Core Controller
- Cloud Core Data-storage Manager
- Cloud Core Resource Controller
- Cloud Core Subscription Manager
- Cloud Core Policy Controller
- Dynamic Activation
- Signaling Controller
- Evolved Virtual Network Function Manager
- Cloud Native Network License Server
- Cloud Native Infrastructure
- Ericsson Telco DataOps Platform

Ericsson's high-performing networks connect billions globally every day. For over 150 years, we have pioneered advancements in communication technology, from the first telephone exchanges to offering the most up-to-date mobile communication and connectivity solutions for service providers and enterprises. Through collaborations with customers and partners, we can make the digital world of tomorrow a reality.