



NOKIA

Your path to a future-proof technology architecture  
Nokia Software Technology Consulting

Communications service providers (CSPs) are spending more than ever on technology — 5G, automation, artificial intelligence and more — with the goal of becoming true digital service providers (DSPs).

To make sure you're investing in the right technology and getting the best possible results, you need a clear plan and optimized solutions. Nokia Software Technology Consulting has the insight and methods to help you evolve strategically and realize your DSP vision.

# Keeping up with disruptive change

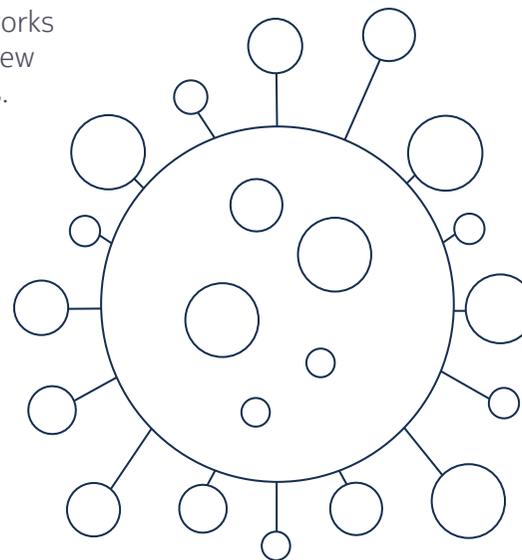
It can seem like disruption is everywhere these days. From 5G and enterprise services to unpredictable customer expectations and external forces such as COVID-19, being a CSP demands high comfort with change.

Many of these changes can be addressed with technology — not rigid, siloed legacy technologies but rather highly scalable, multi-tenant cloud-native architectures that speed up service development, deployment and monetization.

Investing in new technologies comes with its own long list of questions. What operational and delivery models do you need to implement them — and how do you create a diverse ecosystem to support them? What tools do you need to meet industry

standards and adapt as those standards evolve? How can you make quick short-term gains while planning for longer-term sustainable transformation? And what can you do to optimize deployed solutions to get the highest possible return on your technology investments?

Nokia Software Technology Consulting has the methodologies and expertise to help you transition to an open, modern, software-based architecture with tools, frameworks and technologies that enable new operating and business models.



The 5G enterprise and B2B2X market, powered by an Everything-as-a-Service (XaaS) model, could be worth up to \$400 billion by 2025.<sup>1</sup>

# Accelerate your digital transformation



# A standards-based, cloud-driven technology approach

Our results-focused technology consulting methodology is designed to get you faster from your current state to a flexible, standards-based, multi-cloud architecture supported by agile work processes — to deliver measurable results for your business. The Nokia Software Technology Consulting team can help you set the right strategies and make sure you get the best performance out of your solutions.

Nokia Software Technology Consulting services include:

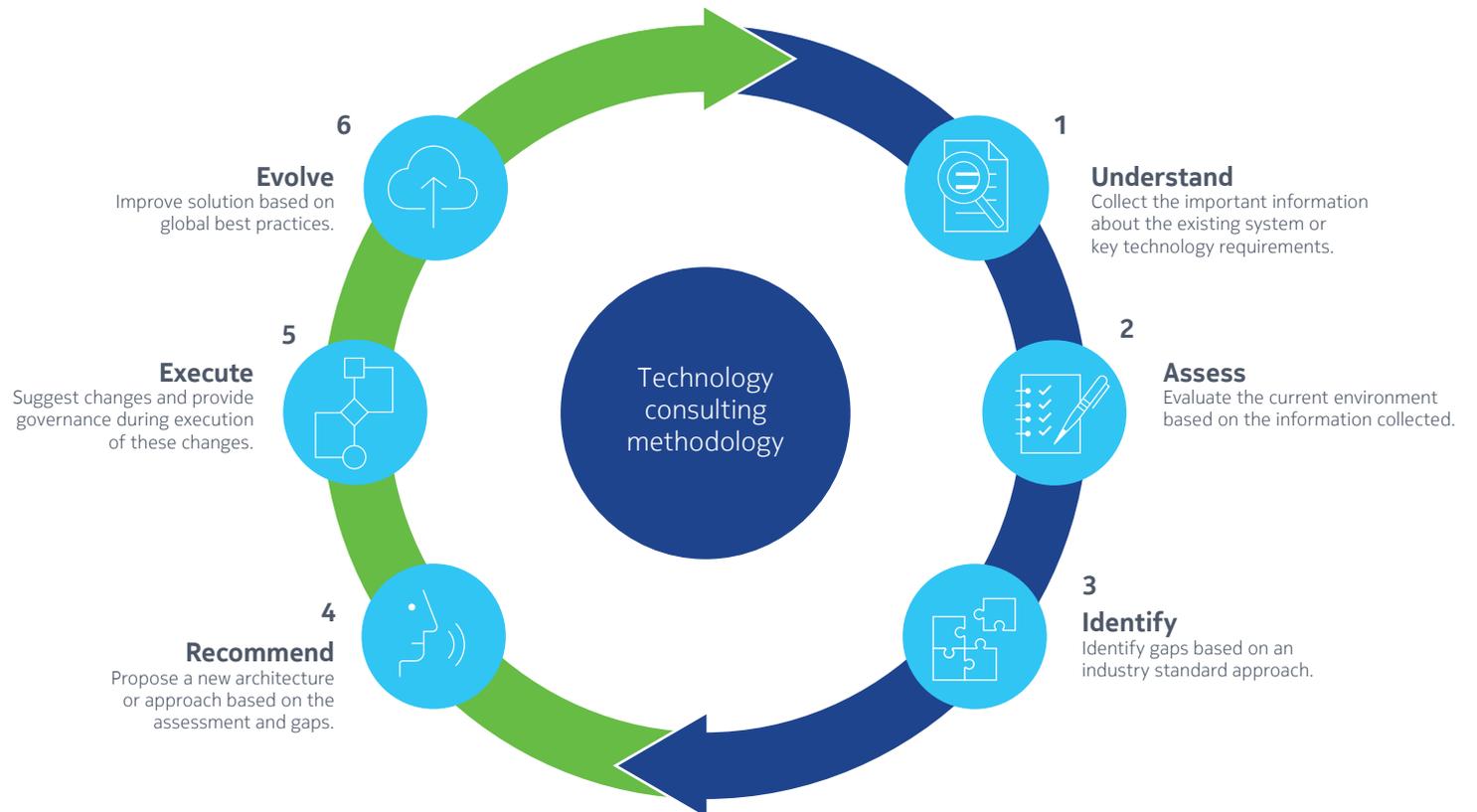
- **Technology blueprint creation:** Set a clear path for standards-based evolution and arrive at a future-proof architecture framework for your operational and business support systems (OSS/BSS).
- **Cloud consulting:** Define a comprehensive cloud strategy aligned with your business goals, including a complete roadmap for workload migration.

- **Solution optimization:** Get peak performance out of your deployed Nokia software solutions over the long term.

## A proven methodology

Nokia Software Technology Consulting applies a proven methodology supported by industry best practices:

## Nokia technology consulting approach



# Technology blueprint creation

In a typical multivendor OSS/BSS environment, software tends to be siloed and hard to manage. While each individual solution may be standards-compliant, the overall patchwork is not — hampering interoperability and layering on complexity. Our team can help you define an end-to-end migration path from your legacy systems to a modular, cloud-native software-based architecture that's driven by data and artificial intelligence (AI) to support operations in the 5G era.

## Current state assessment

We look at what you have deployed today, assessing your current architecture and operating model against industry standards and best practices to identify gaps.

## Strategy development

Our team works with you to develop a strategy for evolution along with a standards-based target OSS/BSS architecture and operating model compliant with industry standards (such as ODA, Zoom, ETSI, TAM, TOGAF).

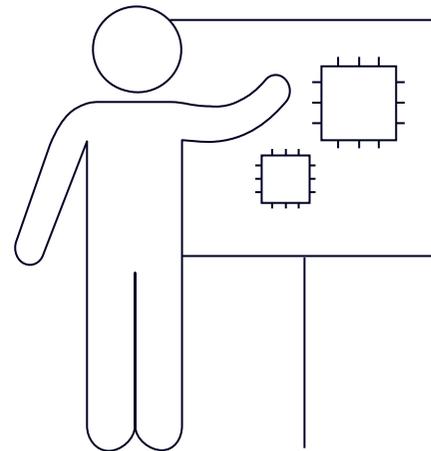
## Transformation roadmap

We'll provide you with a value-based transformation roadmap to implement your OSS/BSS evolution that balances “quick fixes” with long-term transformation initiatives.

## Benefits

- Achieve faster time to market for new services, with hybrid fulfillment and zero-touch automation.
- Create profitable new business-to-business models using network slices, IoT and low-latency services.

- Expose network and OSS/BSS capabilities to partners and customers to build new and profitable revenue streams.
- Use advanced analytics to bring together insights from network, usage, service quality, billing and customer interactions.



## USE CASE

### Speed up your time to market

In the 5G era, CSPs need to design and deploy services faster than ever before — and even with the right network infrastructure in place, legacy OSS/BSS systems don't have the required agility. Our consultants can deliver an OSS/BSS technology blueprint that will help you break down silos and get your services to market faster.

# Cloud consulting

Most CSPs recognize the need to go “cloud native” to be ready for the 5G era, with a mix of physical network functions, virtualization, public cloud, containers and hybrid models. We can help you define a holistically resilient cloud infrastructure by putting individual cloud decisions in the context of your strategic goals and helping you create an architecture that cost-effectively delivers the performance you need.

## Cloud strategy consulting

We help you understand the business drivers for moving to the cloud and what you want your cloud transformation to do for your business.

## Architecture design and technology selection

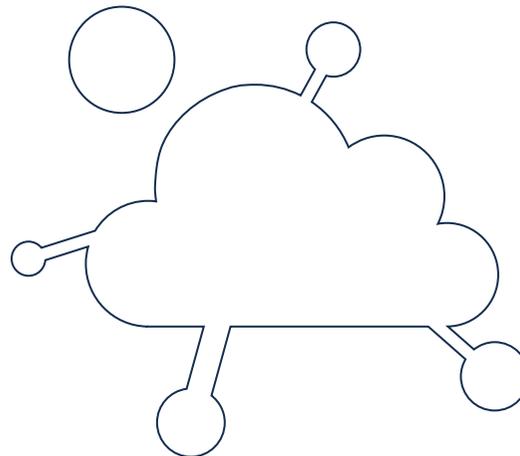
We define the cloud architecture that will help you meet your business goals and help you choose the right technology to build it.

## Migration support

We take a stepwise approach for a seamless migration to the cloud and provide support to manage the interim hybrid state until your migration is complete.

## Benefits

- Future-proof your cloud strategy with expert design that supports multivendor cloud networks.
- Monetize your cloud assets and generate new revenue.
- Minimize risk during the migration phase and get comprehensive cloud security.
- Make your whole infrastructure easier to operate and bring your cloud deployments to market faster.



## USE CASE

### Manage migration risks

Every cloud migration brings risks that need to be carefully managed, from data loss to costly service disruptions. Our consultants make sure no detail is overlooked so your data is safe and secure from beginning to end of your migration — and your service delivery stays seamless.

# Solution optimization

The performance of even the best-deployed and optimized software can degrade as your operating context changes with new services, customers and business dynamics. Our technology consultants make sure you continue to get peak performance out of your Nokia software solutions over time with interventions ranging from configuration changes and parameter tuning to full re-architecting.

## Performance benchmarking and analytics

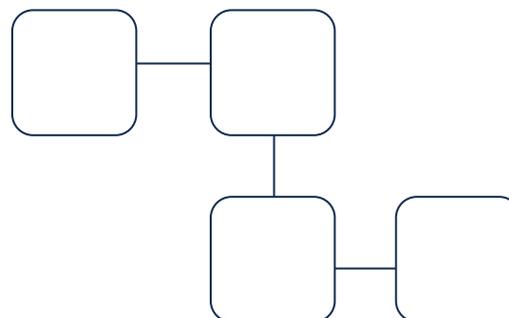
We assess your Nokia solutions' performance against industry standards, best practices and utilization forecasts to identify areas for improvement.

## Optimization plan

We recommend configuration adjustments, re-deployments, software upgrades, hardware expansions and re-architecting, prioritized based on impact and your business goals.

## Benefits

- Maximize the value and return on investment of your Nokia software solutions.
- Build a future-proof architecture.
- Ensure your solutions are performing at industry best practice levels.
- Deliver a better user experience with improved solution performance.



## USE CASE

### Future-proof your technology architecture

CSPs with growing customer bases often find the software solutions they deployed early on don't have the capacity to handle the increased traffic, leading to slowdowns or other performance degradation. With regular assessments and forward-looking optimization plans, we make sure your Nokia solutions perform at industry-best practice levels to maximize their value and maintain a future-proof technology architecture.

# Your partner in technology evolution

Nokia Software Technology Consulting ensures you have the right technology working the right way to meet your business goals today and fulfill your long-term business strategy for the future.

## Alignment with industry standards and best practices

By migrating to a fully standards-based architecture in step with best practices, you gain ease of management, interoperability and evolution.

## Future-proof architecture

We ensure your technology architecture is ready to handle the increased demands and scale of 5G.

## Optimize performance

Achieve industry-leading performance that meets or exceeds established benchmarks.

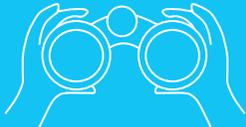
## Improve the user experience

Deliver the best user experience with technology tuned to support your customer base as it grows and changes.

# Full-spectrum consulting services

Nokia is unique in the consulting services arena: we have worldwide software and network expertise, real-world experience in 5G, IoT and cloud solution deployment, and broad perspective on how CSPs are tackling the digital transformation challenge. With insights from our global customer engagements, we create and implement end-to-end transformation blueprints for the most complex, multi-vendor and future-facing environments.

Check out our full suite of Nokia Software Advanced Consulting Services

 <h3>Business Consulting</h3> <p>Digitally transform your business with results you can measure.</p>	 <h3>Security Consulting</h3> <p>Tackle today's toughest network security challenges with confidence.</p>	 <h3>Technology Consulting</h3> <p>Get the best performance out of your existing and future technologies.</p>
 <h3>Data Science &amp; Analytics Consulting</h3> <p>Turn data into insight and insight into strategy to grow your business the way you want.</p>	 <h3>Operations Consulting</h3> <p>Realign your processes for greater agility — and conquer operational complexity.</p>	 <h3>Target Operating Mode Consulting</h3> <p>Become a truly digital organization with as-a-service platforms, infrastructure and networks.</p>

## Want to know more?

**Contact us** to learn more or to start a Nokia Software consulting engagement.

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## **About Nokia**

We create the technology to connect the world. Only Nokia offers a comprehensive portfolio of network equipment, software, services and licensing opportunities across the globe. With our commitment to innovation, driven by the award-winning Nokia Bell Labs, we are a leader in the development and deployment of 5G networks.

Our communications service provider customers support more than 6.4 billion subscriptions with our radio networks, and our enterprise customers have deployed over 1,300 industrial networks worldwide. Adhering to the highest ethical standards, we transform how people live, work and communicate. For our latest updates, please visit us online [www.nokia.com](http://www.nokia.com) and follow us on Twitter [@nokia](https://twitter.com/nokia).

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