

# Nexign Microservices Framework

Empower rapid development of new digital services

Agility and velocity are key to success in the digital world. Aiming to meet evolving customer expectations and keep up with rapidly changing market, communications service providers (CSPs) need to move fast and constantly innovate.

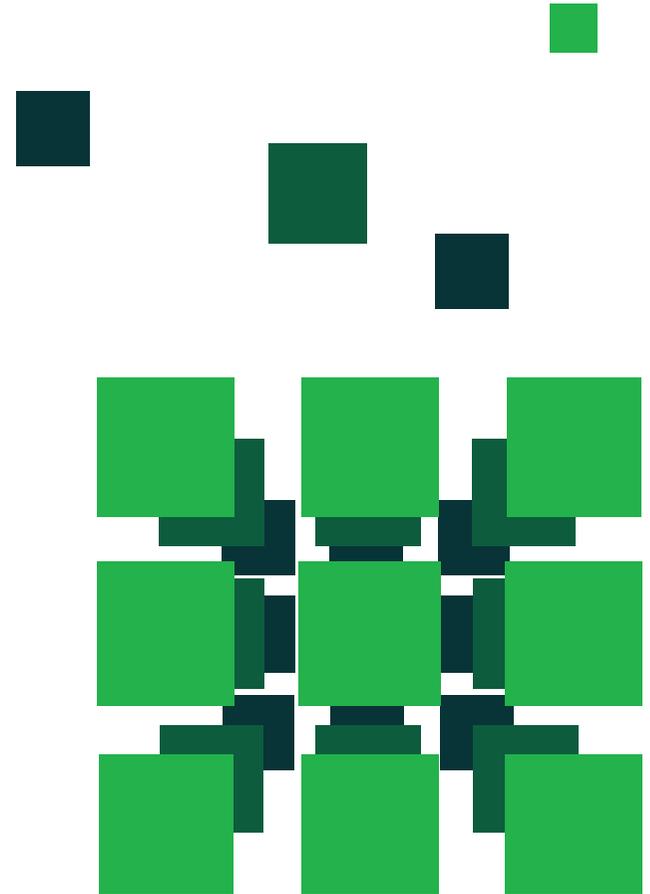
Nexign helps operators adopt a whole new approach to digital product innovation.

- Start building digital services on top of existing core systems
- Adopt cloud-native microservices architecture
- Set up in-house development based on industry best practices
- Avoid pitfalls in microservices architecture by harnessing Nexign's experience

**Industry-leading tools, best practices, and streamlined processes on a single platform.**

Nexign equips the CSP with a comprehensive set of tools, methodologies, and practices to launch and support the end-to-end lifecycle of continuous development, integration, and deployment of microservices.

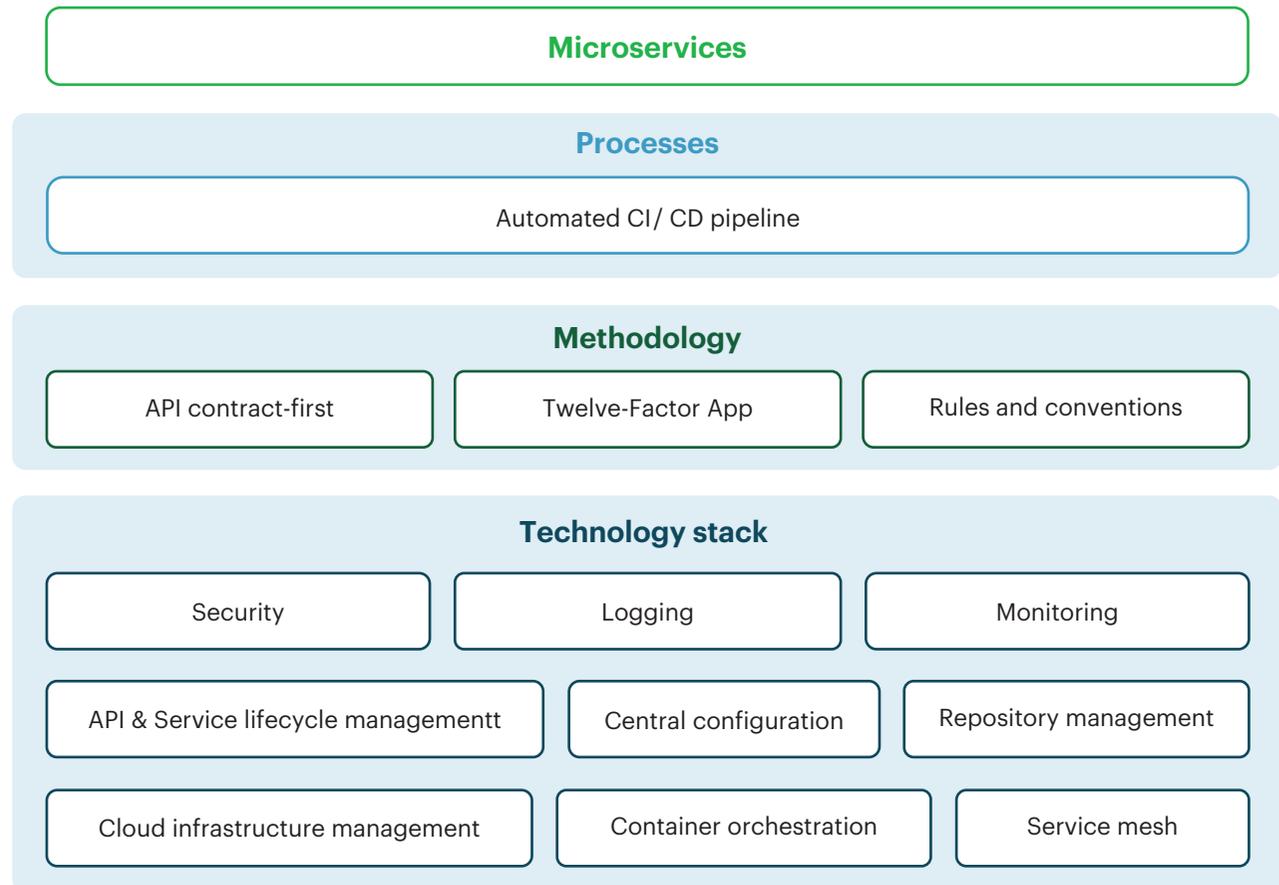
Nexign Microservices Framework revamps how the CSP's IT teams work by switching their focus from process engineering to delivering the core business value.



**Nexign Microservices Framework** enables agile in-house development of innovative product offerings, leveraging **cloud-native microservices architecture and DevOps practices**.

It empowers CSPs to take control over their digital evolution and move at scale and at speed without vendor lock-in.

The microservices approach allows to create cloud-native applications and ensures solutions agility and scalability. Standardized APIs facilitate integration with third-party systems and, therefore, drive partner ecosystem growth. Continuous integration and deployment (CI/CD) process enhances automation of service development and improves quality and reliability of services. Applications developed on the basis of Nexign Microservices Framework can be deployed either on-premises or in the cloud.



 Implement an automated unified CI/CD pipeline

 Adopt best practices and global standards for microservices development

 Employ cutting-edge open-source software stack reinforced with Nexign’s applications

 Streamline the end-to-end development process and avoid “microservices chaos”

## Case study: MegaFon's Microservices Factory

Nexign Microservices Framework helped MegaFon gain competitive and innovative edge through launching Microservices Factory that crucially accelerated time to market for next-generation services.

Solutions created in the Factory are implemented in the middle layer, between the billing system and front-end solutions. As a result, Megafon has received an open partner ecosystem and significantly enriched its product portfolio with new offerings.

## Business outcomes

- **170+** new services rolled out
- TTM reduced from 3-4 months up to **2 weeks**
- **MegaFon Plus** multi-subscription service launched
- **25 external teams** leverage Open Ecosystem capabilities

## Why Nexign Microservices Framework?

### We know how to do it right

As an IT-product vendor with 30 years of experience, Nexign has solid internal IT-expertise and employs industry-leading tools, methodology and processes in its own development process. We share tried-and-tested set of components leveraging world best practices.

### Comprehensive approach

Nexign provides an all-in-one framework combining a holistic set of methods and enabling technologies to empower in-house development teams and fuel digital transformation.



Innovative Collaborations  
and Partnership  
2021, Winner



Digital Transformation  
Innovation  
2021, Finalist