

NINE · CLOUD NAVIGATORS

Nine Kubernetes Engine (NKE)

Managed Kubernetes, built for Swiss data sovereignty

Running containers in production is not easy

It is not enough to simply have a Kubernetes cluster running when you need reliable and resilient container infrastructure in production. A production-ready Kubernetes environment requires observability, security, secret management, automated upgrades, GitOps tooling, backup and certified engineers to keep it all running.

Our Kubernetes platform – available on our own Swiss infrastructure (NKE) or on Google Cloud Platform (GKE) – enhances your container experience with a curated, best-in-class open-source toolset. We use these tools ourselves, so they have been selected and tested in production, not just on a checklist.

On top of that, We offer service level agreements and support packages staffed by CKA-certified engineers to accelerate your journey with Kubernetes, not slow it down.

Your advantages at a glance

1. Peace of mind

- Swiss data residency as default on NKE, no CLOUD Act exposure
- GDPR and nDSG (Swiss FADP) compliant
- 99.5%+ uptime SLA on our infrastructure¹
- 24/7 cluster health monitoring by our engineering team
- All platform engineers hold CKA and/or Google Professional Cloud Architect certifications
- Optional SLA and support packages

2. Focus on your application

- Automated cluster upgrades: we handle the Kubernetes release cycle for you
- Automated backup and restore included as standard
- Custom backup schedules fully configurable
- Certificate management via cert-manager (automated TLS)
- Private container registry included
- Secret management via External Secrets Operator
- GitOps-ready with ArgoCD pre-configured

3. Full observability stack

- Prometheus for metrics and alerting rules
- Grafana for dashboards and visualisation
- Loki for centralised log aggregation
- Alertmanager for alert routing
- All pre-configured and ready on day one

4. Swiss infrastructure and ecosystem

- Our own data centers in Switzerland
- Direct access to our managed services (databases, object storage, caches)
- GCP option: deploy in Zurich region (europe-west6) or any other GCP location
- Cloudflare CDN and WAF available via our Cloudflare partnership

NKE: Full Feature Overview

Feature	Managed NKE (Nine Infrastructure)	Managed GKE (Google Cloud)	Paid Add-on ²
Cluster UI	✓	✓	
Cluster monitoring dashboard (Grafana)	✓	✓	
Identity and access management (IAM)	✓	✓	
Node autoscaling	✓	✓	
Deletion protection	✓	✓	
Automated cluster upgrades	✓	✓	
Automated backup and restore	✓	✓	
Custom backup schedules	✓	✓	
Persistent data storage	✓	✓	✓
Prometheus / Grafana / Loki / Alertmanager	✓	✓	✓
Log collection and management (Loki)	✓	✓	✓
Certificate management (cert-manager)	✓	✓	✓
GitOps / ArgoCD	✓	✓	✓

Feature	Managed NKE (Nine Infrastructure)	Managed GKE (Google Cloud)	Paid Add-on ²
Ingress controller	✓	✓	✓
Private container registry	✓	✓	✓
Secret management (External Secrets Operator)	✓	✓	✓
Direct access to our managed services	✓		✓
Direct access to GCP services		✓	✓
Swiss data residency guaranteed	✓	Zurich region available	

¹ NKE on our infrastructure: 99.5%+ SLA. On GCP: service availability depends on Google's stated availability figures for the selected region.

² Paid add-ons are charged at a fixed, service-dependent rate plus resource consumption if the service runs outside your cluster.

Why Swiss data sovereignty matters

For organisations in banking, insurance, healthcare, and the public sector – as well as any company processing personal data of Swiss residents – data residency is not a preference. It is a legal and regulatory requirement.

The NKE advantage for regulated industries

- **No CLOUD Act exposure:** Data stored in our Swiss data centers is subject exclusively to Swiss law. US providers, including hyperscalers operating Swiss regions, remain subject to the US CLOUD Act.
- **nDSG / Swiss FADP compliance:** NKE is designed to support compliance with the Swiss Federal Act on Data Protection (nDSG, in force since September 2023).
- **GDPR alignment:** The observability and access control stack supports GDPR requirements for EU-domiciled customers.
- **ISO 27001 certified:** We have been ISO 27001 certified since 2013, with annual audits.
- **Audit logging and IAM:** Full audit logging and identity management are included, not optional add-ons.

Customer journey to Kubernetes

Years of experience serving customers with container platforms and operating infrastructure on their behalf have given us a clear picture of the "Road to Kubernetes". Our service offering brings together consulting, training, and operating Kubernetes clusters to provide value in every phase of your cloud adoption journey.

- Contact with our certified engineering team to discuss your situation and system architecture
- Optimisation of your architecture and workflow: we strive to meet your requirements using best-in-class open source solutions and preventing vendor lock-in
- [Nine Kubernetes Academy](#): full-day remote workshop, CHF 800 / CHF 600 for NKE customers
- Free [Kubernetes webinars](#): fundamentals and NKE in practice, upcoming dates on the registration page
- Collaboration to accelerate your journey to the cloud

Starting from CHF 305.30/month for a base NKE cluster with one worker node (pricing valid from 1 May 2026; previously CHF 287/month). Pricing scales with resource consumption. Full pricing details at nine.ch.

Ready to discuss your path to Kubernetes?

Get in touch to discuss your individual requirements: architecture, migration, or managed operations.

[Contact us](#)

Nine Internet Solutions AG · Badenerstrasse 47 · 8004 Zurich · Switzerland
info@nine.ch · +41 44 637 40 00 · nine.ch