03 · OPERATE · DEVOPS

We build an automated, traceable and secure pipeline from code to production.

With enterprise Kubernetes platforms, CI/CD pipelines and Infrastructure as Code, we speed up software delivery and make operations repeatable. Whether your platform runs in your data centre or in the cloud, we support it from installation to 24/7 operation.

THE PROBLEM WE SOLVE

Every release means a long night and manual steps.

Configuration differences between environments lead to errors.

The decision to move to containers has been made, but it is unclear who will operate the platform.

SCOPE OF SERVICES

DevOps in your data centre (on-premises)
Installation and operation of an end-to-end DevOps platform in your data centre, including air-gapped environments.

Kubernetes
Deployment, security and operation of enterprise Kubernetes platforms.

CI/CD pipeline
Automated, traceable deployment pipelines from code to production.

Containerisation
Containerising applications and moving them to orchestration platforms.

Infrastructure as Code
Repeatable infrastructure management with Terraform and similar tools.

GitOps
Managing infrastructure and application configurations with git-based version control.

Observability
End-to-end observability through unified logs, metrics and traces.

TECHNOLOGIES

Kubernetes · Terraform · GitOps · CI/CD · Prometheus · Grafana

QUICK START

Package	Duration	Deliverables
Kubernetes Health Check	5 business days	Findings report and remediation plan

Free discovery call

We spend 45 minutes understanding your environment and priorities. Free of charge.

CONTACT

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Istanbul · Ankara · Konya · Prague

EASY TO SET UP, HARD TO OPERATE

Architecture and setup

- Vanilla Kubernetes, RKE2, OpenShift or EKS/AKS/GKE
- Highly available three-node control plane
- Cilium or Calico; default-deny communication with network policies
- Ceph, Longhorn or cloud disk drivers
- NGINX Ingress or Gateway API, TLS automation

Day-to-day operations

- Scheduled, phased version upgrades with a rollback plan
- Backups with etcd snapshots and Velero
- Namespace isolation, resource quotas
- HPA, VPA and cluster autoscaler tuning
- Node draining, patching and image refresh cycle

Security and cost

- RBAC design and the principle of least privilege
- Policy enforcement with Pod Security Standards and OPA/Kyverno
- Image source restrictions and signature verification
- Right-sizing resource requests/limits based on actual usage
- Cost allocation by namespace

MEASURABLE COMMITMENT

A cluster restore drill from an etcd backup is performed at least twice a year, and its duration is measured and reported. We do not count an untested recovery plan as a commitment.

SOLUTION DETAILS

Reference DevSecOps Pipeline	A 12-step secure delivery pipeline from source code to GitOps deployment, with a gate at every step.
Infrastructure as Code and Configuration Management	Provisioning with Terraform/OpenTofu, configuration with Ansible; drift detection and policy enforcement.
Source Code and Artifact Management	GitLab/Gitea, Harbor/Nexus/Artifactory setup; signing, SBOM and local caching.