

• DAIVO / ENGINEERING INTELLIGENT SYSTEMS

Deploy Faster. Scale Smarter. Sleep Better.

Production-grade infrastructure and 24/7 monitoring — without the cost of a full-time DevOps hire.

DEPLOYMENT PIPELINE



Developer



GitHub



CI/CD



Docker



Kubernetes



AWS



Monitoring

- OVERVIEW

Executive Summary

EXECUTIVE SUMMARY

Every product is only as reliable as the infrastructure underneath it. DaiVo designs, builds, and manages that infrastructure — CI/CD, containers, monitoring, and security — so your engineering team ships faster without carrying the operational risk alone. This brief covers the business case, what's included, our process, and how we keep your systems secure and observed long after launch.

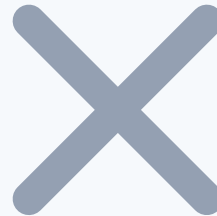
- FIT CHECK

Who This Service Is For



IDEAL
FIT

- ✓ Engineering teams shipping manually, without automated build/test/deploy pipelines
- ✓ Startups and SaaS teams that can't yet justify a full-time senior DevOps hire
- ✓ Teams that have experienced downtime or deployment failures with no clear monitoring
- ✓ Businesses preparing to scale traffic, users, or infrastructure significantly



NOT THE RIGHT
FIT (YET)

- ✗ Teams with no active codebase or product yet in development
- ✗ Organizations that already have a mature, well-staffed in-house DevOps function
- ✗ Teams not ready to grant access to their existing infrastructure for an audit

• DIAGNOSIS

The Problem Businesses Face



01

Unreliable Deployments

Releases are manual, risky, and often break something else in the process.



02

Downtime Costs Revenue & Trust

Every minute of unplanned downtime means lost customers and lost credibility.



03

No Real Monitoring

Problems are discovered from angry customers, not from dashboards or alerts.



04

DevOps Talent Is Expensive & Hard to Find

A senior, in-house DevOps engineer is a significant cost most growing teams can't justify yet.

THE HIDDEN COST

The real cost of manual DevOps isn't visible on a spreadsheet — it's the feature that shipped two weeks late because a deployment broke production, the engineer who spent a weekend firefighting instead of building, and the customer who churned during an outage nobody caught in time.

WHY THIS MATTERS

Your product is only as good as the infrastructure it runs on. Slow deployments delay every feature you ship, unmonitored systems fail silently, and security gaps can be catastrophic. Fixing this after something breaks is far more expensive than building it right from the start. This isn't a technical detail — it's the foundation your entire business sits on.

• BEFORE / AFTER

Traditional Process vs. DaiVo AI Automation

DIMENSION	TRADITIONAL APPROACH	WITH DAIVO
Deployments	Manual, risky, slow	Automated CI/CD, minutes not hours
Monitoring	Reactive – customers report issues	Proactive – alerts before customers notice
Scaling	Manual intervention required	Orchestrated, built to scale
Security	Ad hoc, inconsistent	Hardened, infrastructure-as-code
Cost structure	Full-time senior hire	Flexible, scoped engagement

• THE SOLUTION

How DaiVo Solves It

DaiVo designs, builds, and manages your cloud infrastructure end-to-end – from CI/CD pipelines to container orchestration, monitoring, and security – so your engineering team ships faster and sleeps easier, knowing production is stable, observed, and backed up.

WHAT YOU RECEIVE



A fully configured CI/CD pipeline for automated build, test & deploy



Containerized infrastructure (Docker) with orchestration (Kubernetes)



Infrastructure-as-Code setup (Terraform) – reproducible, documented



Live monitoring & alerting dashboards (Prometheus & Grafana)



A backup & disaster recovery plan for your production environment



Full documentation handed to your engineering team

- SCOPE

Complete Feature List

- ✓ CI/CD pipeline setup — automated build, test & deploy
- ✓ Kubernetes orchestration for reliable scaling
- ✓ 24/7 monitoring & alerting (Prometheus & Grafana)
- ✓ Infrastructure as Code (Terraform)
- ✓ Ongoing maintenance & on-call support
- ✓ Docker containerization for consistent environments
- ✓ Cloud infrastructure setup & management (AWS)
- ✓ Security best practices & infrastructure hardening
- ✓ Backup & disaster recovery planning

- IMPACT

Benefits For Your Business

- ⊙ Ship features faster with automated, reliable deployments
- ⊙ Lower total cost than hiring a full-time DevOps engineer
- ⊙ Real-time visibility into system health via dashboards
- ⊙ Near-zero unplanned downtime
- ⊙ Infrastructure that scales smoothly as you grow
- ⊙ Peace of mind — problems are caught before customers notice

• RESULTS

Expected Business Outcomes

Minutes, Not Hours

Deployment time drops from hours of manual work to minutes, automated.

Near-Zero Downtime

Proactive monitoring catches issues before they become outages.

Lower Infrastructure Spend

Right-sized, optimized cloud resources instead of overpaying for guesswork.

Faster Feature Releases

Ship more, ship safer, and ship on your own schedule.

• DIFFERENTIATION

Why Choose DaiVo



Engineers Who Live In This Stack Daily

We run and monitor production systems ourselves — this isn't theory.



A Dedicated Team, Not a Ticket Queue

You get direct, responsive access to the people doing the work.



Real Deliverables You Can See

Working pipelines, live dashboards, documented infrastructure — not vague promises.



Flexible Engagement

One-time setup or ongoing managed support — scaled to what your team actually needs.

• POSITIONING

What Makes Us Different

Not a One-Time Script Dump

You get documented, maintainable infrastructure your own team can operate — not a pile of undocumented scripts.

Not a Full-Time Salary Commitment

You get senior-level DevOps expertise scoped to what you actually need, without a full-time hire's fixed cost.

Not Disconnected From Your Team

We work directly alongside your developers inside your existing workflow, not in isolation.

• ENGAGEMENT ROADMAP

Our Implementation Process

1

Infrastructure Audit

We review your current setup, deployment process, and pain points.

2

Architecture Design

We plan the CI/CD pipeline, containerization, and cloud architecture.

3

Implementation

We build the pipelines and deploy the infrastructure.

4

Monitoring Setup

We configure dashboards, alerts, and logging so issues are caught early.

5

Testing & Handoff

We validate reliability and document everything clearly for your team.

6

Ongoing Support

We continue monitoring, scaling, and optimizing as your product grows.



A typical infrastructure audit and initial pipeline setup takes **1-2 weeks** depending on the size and complexity of your current system. Ongoing managed support continues on a schedule that fits how actively your team ships.

- TRUST & OPERATIONS

Security & Data Privacy

- ✓ Infrastructure hardened against common misconfigurations from day one
- ✓ Infrastructure-as-Code means every change is documented and reviewable
- ✓ Access controls scoped to exactly what each system needs
- ✓ Backup & disaster recovery planning built in, not an afterthought

Reliability & Monitoring

Every system we deploy is monitored continuously — not checked occasionally. Alerts are configured to catch issues before your customers do, and every deployment goes through the same pipeline discipline we'd apply to our own infrastructure.

Support, Maintenance & Long-Term Partnership

Infrastructure isn't 'build once and walk away' — traffic grows, dependencies age, and new risks emerge. Our ongoing support keeps your systems patched, monitored, and scaled appropriately as your product evolves, so reliability doesn't quietly decay after we hand things over.

- QUESTIONS

Frequently Asked Questions

Q. What if the automated deployment breaks something?

Every pipeline includes automated testing before deployment, and rollback procedures are built in from the start — reducing risk rather than adding it.

Q. How much support will I receive after setup?

Ongoing monitoring is available as a continued engagement, and we remain reachable for anything that needs attention.

Q. How secure is my infrastructure?

We apply infrastructure hardening, access controls, and Infrastructure-as-Code practices so every change is documented and reviewable.

Q. What happens after the initial setup — do you disappear?

No. Ongoing managed support is available, and even a one-time engagement ends with full documentation your team can operate independently.

Q. What if my technical requirements change later?

Infrastructure-as-Code makes it straightforward to evolve the setup as your requirements change.

Q. Why not just hire a freelancer to build this?

A freelancer often leaves undocumented, unmonitored infrastructure behind. DaiVo delivers documented systems with ongoing monitoring and a team that remains accountable.

Q. What if my team already has some DevOps setup?

We audit what exists first and build on or improve it rather than ripping out and starting over unnecessarily.

Q. Can this scale as my company grows?

Yes — Kubernetes orchestration and cloud infrastructure are specifically designed to scale with your traffic and team.

Q. How long before I see results?

Most teams see faster, safer deployments within the first 1–2 weeks of engagement.

Q. Can I customize the infrastructure to my stack?

Yes — the architecture is designed around your specific application and tooling, not a fixed template.

Q. How is this different from just using AWS directly?

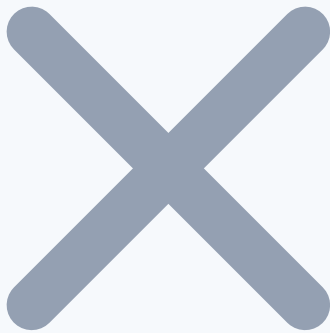
AWS provides the raw building blocks. DaiVo designs, assembles, secures, and monitors those blocks into a reliable system tailored to your product.

Q. Why DaiVo instead of another agency?

We work directly inside your engineering workflow, deliver real, visible infrastructure — not vague promises — and stay engaged after launch.

• REALITY CHECK

Myths vs. Reality



MYTH

DevOps-as-a-Service means losing control of our infrastructure.



REALITY

You retain full ownership and access — we document everything so your team can operate independently at any time.



MYTH

This is only for large enterprises.



REALITY

Growing startups benefit the most, since it delivers senior-level infrastructure without a full-time senior hire's cost.

OUR COMMITMENT

We commit to documenting everything we build, giving your team full ownership and visibility, and staying engaged after launch so reliability doesn't quietly decay over time.

Every manual deployment is a small bet against your own uptime. Let's replace that bet with infrastructure you can actually rely on.

• DEVOPS AS A SERVICE

Ready to build infrastructure you can actually rely on?

Let's audit your current setup and show you exactly what we'd improve.

Let's
Build
Together



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Website



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