Do Cloud and Kubernetes Right with Appvia

ACCELERATE APPLICATION DELIVERY TO THE CLOUD

89%
of companies have a multi-cloud strategy[1]

95%
of organizations will embrace a cloud-first principle by 2025 [2]

75%
of organizations will be running production applications in containers by 2022 [3]

90%
of enterprises will fail to scale DevOps initiatives without self-service capabilities by 2023 [4]

Cloud is a key business enabler for software delivery and one that is being adopted at rapid speed to drive innovation, time to market and operational efficiency. The cloud vendors offer capabilities that can create market differentiation that future-proof your business and create revenue growth, however, realizing the true benefits in terms of security, speed and cost is complex, time consuming and resource intensive.

With a desire to go cloud native and adopt micro-service architectures, containers and Kubernetes are being used across multiple cloud vendors to create a common interface for application delivery for development teams. The inherent complexity and change in security and compliance patterns is creating challenges for businesses, not just in terms of speed of delivery but also with the need to scale DevOps teams to meet the demand and deal with security issues being introduced.

How are your teams dealing with cloud and Kubernetes? We know they can struggle with:

Dev Challenges

» No bandwidth to learn Kubernetes, cloud, or infrastructure

» High wait time on cloud, environments and application dependencies

» Cloud security processes slowing development

» Lack of visibility on cost and security on business application delivery

Ops Challenges

» Internal demand for cloud is difficult to meet

» Complexity of multiple clusters and cloud

» Talent retention difficulties with high resource cost and hiring time

» Lack of central oversight of infrastructure and risk

Organizational Challenges

» Security risks introduced in the cloud and Kubernetes

» Application delivery and modernization is slow

» Meeting compliance and security requirements

» Lack of in-house expertise

How we're different

We are the **ONLY** fully public cloud focused solution, striving to make containerized application delivery quick, simple, and secure. Because we focus solely on public cloud, we can take full advantage of those platforms and create the strongest, most efficient path to cloud first, cloud only.

All our solutions are fully cloud best-practice aligned.

We empower DevOps to enable developer self-service, with security and scalability.

We do cloud security needed to protect your workloads.

Informed decisions through data help save money, improve visibility, and drive policy.

Hybrid cloud is a situation, not a strategy

At Appvia, we believe hybrid cloud is a stepping stone, not the end destination—a phase you go through on your way to being cloud first. We're here to accelerate that strategy and remove the obstacles for Dev and Ops teams along the way.

Being in Hybrid mode often means that solutions are put in place that are agnostic to public and on-premise cloud, leaving operational and security challenges resulting in a least common denominator approach.

We believe you should maximize the public cloud and not compromise on repeatable and secure ways of working and services.

We meet you where you are

We know businesses are often at different stages of cloud adoption and therefore are experiencing different challenges. We are here to help you through those challenges with automated solutions, opinions and ways of working.

New to Cloud

» Small amounts of cloud adoption, often the least risky applications

» Limited cloud and Kubernetes experience

» Lack of understanding of cloud architectural best practices

» Desire to modernize and ship workloads into cloud quickly

Hybrid Mode

» Transitioning easy workloads from on-premise into cloud

» Bridging different operating models

» Application delivery Inconsistencies and silos

» Limited cloud innovation and cloud best practice adoption

Scaling in Cloud

» Lack of cloud governance, policies and access control

» Sharing cloud accounts and Kubernetes to meet timescales

» Lacking in-house experience to manage Kubernetes complexities

» DevOps resource intensive causing slow time to market

Multi-cloud

» Runaway cloud costs

» Cloud specific application islands, resulting in lack of oversight

» Skills gap issues on finding resources with multi-cloud skills

» Constrained innovation and lack of consistency

We ensure security is baked into every layer, every cluster and every account.

We make it possible for cloud to become the cost-effective catalyst for your business and technology innovation.

Create a cloud and Kubernetes foundation that's secure and spurs innovation

In your "doing cloud right" journey with Appvia, we help you establish a solid foundation for cloud that will support a cloud first vision and enable developers to get what they need, when they need it, without hassle—all in a secure, consistent, repeatable way across the organization. We ensure security is baked into every layer, every cluster and every account. And we make it possible for cloud to become the cost-effective catalyst for your business and technology innovation.

It starts with a solid cloud foundation

If you're happy with your cloud configurations and architecture, that's great! You're ready to commoditize Kubernetes at scale. But if not, Appvia can make that happen for you. A solid cloud foundation is essential. That's why we help you establish a Cloud Native Landing Zone.

Starting in cloud, the right way, is hard. Doing it with the right multi-team cloud setup is even harder. Our Cloud Native Landing Zone framework utilizes our deep experience of building and maintaining landing zones for operating in the cloud securely.

Cloud Structure
We navigate through well-architected cloud frameworks to find a cloud account structure that works for your organization.

Identity and Access Management (IAM)
We ensure IAM is set up with security and single sign-on using your organization's credentials to avoid managing multiple identities.

Cloud Networking
Together we design and implement a hub and spoke network for your organization to support scalability with centralized infrastructure control.

Budgeting
As part of the engagement, we give you the budgetary tools necessary to closely watch monthly expenditures.

Audit and Monitoring
We implement the initial setup and central monitoring for your cloud and applications so you can grow with governance in place.

Security
We implement preventative and detective guardrails to meet compliance and security needs.

Learn more about Cloud Native Landing Zone

Automate Kubernetes provisioning and management at scale

Wayfinder is Appvia's cornerstone solution for Kubernetes management and has immense capabilities that you can pick and choose from depending on what your business, and Dev and Ops teams need. With Wayfinder, you can:

Take containerized apps to market quickly with developer self-service

Bring Dev and Ops together to unlock cloud innovation goals

Establish cost oversight, and security and compliance guardrails

Unburden cloud engineering teams with automation and baked-in security

Create a unified container delivery experience across AWS, Azure, and Google Cloud

Wayfinder

Appvia Wayfinder makes it possible to achieve Kubernetes provisioning and management at scale with speed, security, scalability, and sustainability.

SPEED: Multi-cloud Kubernetes resources are made immediately available through self-service, eliminating wasteful blocking processes and delays.

SECURITY: All platform operations are engineered to be secure by design. Security best practices are enforced every step of the way. Teams can use short-lived, leat privilege access to resources.

SCALABILITY: Streamlined workflows and automated operations ensure that teams can take advantage of the scalability cloud provides.

SUSTAINABILITY: Automated cluster management and cost reporting make managing multi-cloud Kubernetes resources as easy to maintain as they are to create.

Wayfinder Capabilities

1 **Teams, Workspaces and User Access Management:**
   Collaborate and manage cloud and Kubernetes simply, as a team

2 **Ship applications to any major cloud:**
   Provision cloud infrastructure and applications across any major cloud

3 **Fully integrated cloud and Kubernetes security:**
   Embedded security within cloud and Kubernetes

4 **Simple Kubernetes Management:**
   Repeatable cluster management for teams across public cloud

5 **Distribute applications as a fleet:**
   Manage applications across all clusters repeatedly, as a fleet

6 **True cloud cost control:**
   Enable teams to be cost conscious and save money with budgets

7 **Developer self-service cloud resources:**
   Go live quickly by self-servicing application dependencies

8 **Detailed Kubernetes visibility at scale :** *COMING SOON*
   Ask questions such as 'Where do I have weak RBAC' across clusters

Appvia in Action

CGI reduced app deployment lead times from one week to one hour across multi-cloud

Learn more >

Large financial institution saved €2.7M with data center exit

Learn more >

Home Office UK achieved 40:1 Dev to Ops ratio

Learn more >

Ready to do cloud right?

Visit **APPVIA.IO** to get started.

Sources
1. Flexera, 2022 State of the Cloud Report
2. Gartner, 2021 Gartner Says Cloud Will Be the Centerpiece of New Digital Experiences
3. Gartner, 2020 Forecast analysis: container management (software and services), worldwide,
4. Gartner, Top 10 trends impacting infrastructure and operations for 2020
5. Flexera, 2021 The power of DevOps self-service platforms

Get started with Wayfinder

The **App Accelerator Add-On Service** is available to help rapidly on-board your first application and encourage team traction with Wayfinder for ongoing success.

Learn more about Wayfinder

Accelerated cloud journeys

We specialize in industries challenged with sensitive data and complex regulations.

Banking and Finance
- Compliance and regulation
- Complex legacy environment stalling progress
- AI and other cloud services required for modernization

Public Sector
- Legacy, costly data center footprint
- Accelerating cloud first strategies
- Shifting security and compliance requirements

Insurance
- Compliance and regulations
- Complex legacy environment stalling progress
- Inefficient manual processes can't scale

Retail
- Escalating speed of e-commerce
- Customer expectations for digital experiences
- Application modernization demands

About Appvia

Making Kubernetes as easy as using your mobile phone.
We empower organizations to confidently pursue cloud with products that make Kubernetes secure, cost-effective, and scalable.

Founded in 2018 with a vision to make cloud delivery simple and secure, Appvia is a trusted partner to organizations worldwide, from financial services to government entities.