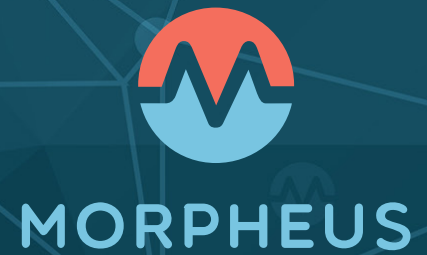


## SOLUTION OVERVIEW

# The Fast Path to Multi-Cloud Kubernetes Automation

Morpheus provides systematic approach to building, managing, and utilizing Kubernetes in a standard way across any on-prem or public cloud with features for CloudOps, DevSecOps & BizOps.



### While widespread use of containers may sound great for Developers but causes issues for IT

Gartner indicates that 20% of global companies are now running containers in production. While developers have fully embraced Kubernetes, Infrastructure and Operations teams find it difficult to install, operate, and maintain.

That same research indicates that by 2023, Kubernetes will be deployed in more than 80% of all on-premises private cloud and cloud inspired environments, up from less than 10% today, requiring I&O to bridge cloud and K8 skill gaps.

### Supporting Kubernetes in production requires teams to work better together and work across multiple clouds both on-prem and off

DevSec Ops product owners are focused on app. modernization tasks such as architecture, manifest creation and building container images or artifacts

CloudOps platform teams are focused on building the K8 clusters, deploying software upgrades, managing RBAC, and assuring overall availability.

### Morpheus is a 100% agnostic cloud management platform for multi-cloud orchestration, unified operations, and self-service automation

It's a foundation to bridge the gap between teams, tools, and processes independent of where and how applications are deployed.

Unlike tools that force you to rip and replace, we unify what you already have and let you manage your clouds your way - just better with zero lock-in.

Imagine a single unified control plane and API to span VMware, Kubernetes, AWS, Azure, GCP, etc.

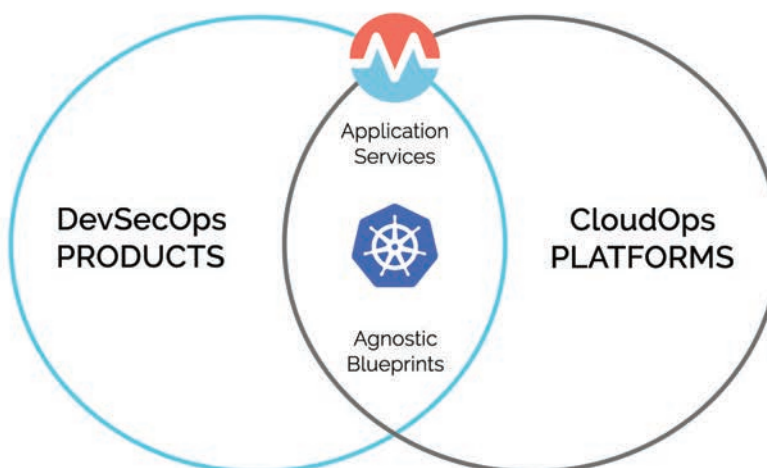
- Leverage the CNCF-certified Morpheus Kubernetes Service (MKS) in any cloud
- Customize our layout with your preferred services but let Morpheus do the rest
- Use Morpheus to create, manage, and deploy to Amazon EKS or Microsoft AKS clusters
- Simplify control, utilization, and optimization of brownfield Kubernetes deployments
- Provision blueprints via our YAML/JSON DSL or use Terraform, K8 Spec, HELM, CF, & ARM

Platform independent self-service provisioning

Modularized approach to application services

Simple but powerful blueprinting engine

Integration into CI/CD pipelines and tools



Enterprise-grade K8 deployment engine

Freedom to manage & scale across clouds

Secure RBAC, policy, & multi-tenant control

Lifecycle management of containerized apps

### CLUSTERS

Search

STATUS	TYPE	NAME	LAYOUT	WORKERS	COMPUTE	MEMORY	STORAGE	
✓	kubernetes	davids-k8s	Kubernetes 1.14 Cluster on Ubuntu 16.04, Weave, OpenEBS	3	3	17	7	
✓	docker	demoDockerVMware	VMWare Docker Ubuntu 16.04	1	0	6	11	
!	docker	docker-demo-aws	Amazon Docker Host	3	0	37	0	✎ ✕ ▼ MORE
✓	docker	docker-demo-nutanix	Nutanix Docker Ubuntu 16.04	1	0	18	27	✎ ✕ ▼ MORE
✓	kubernetes	k8s-demo-aws	Kubernetes 1.14 Cluster on Ubuntu 16.04, Weave, OpenEBS	3	4	31	30	✎ ✕ ▼ MORE

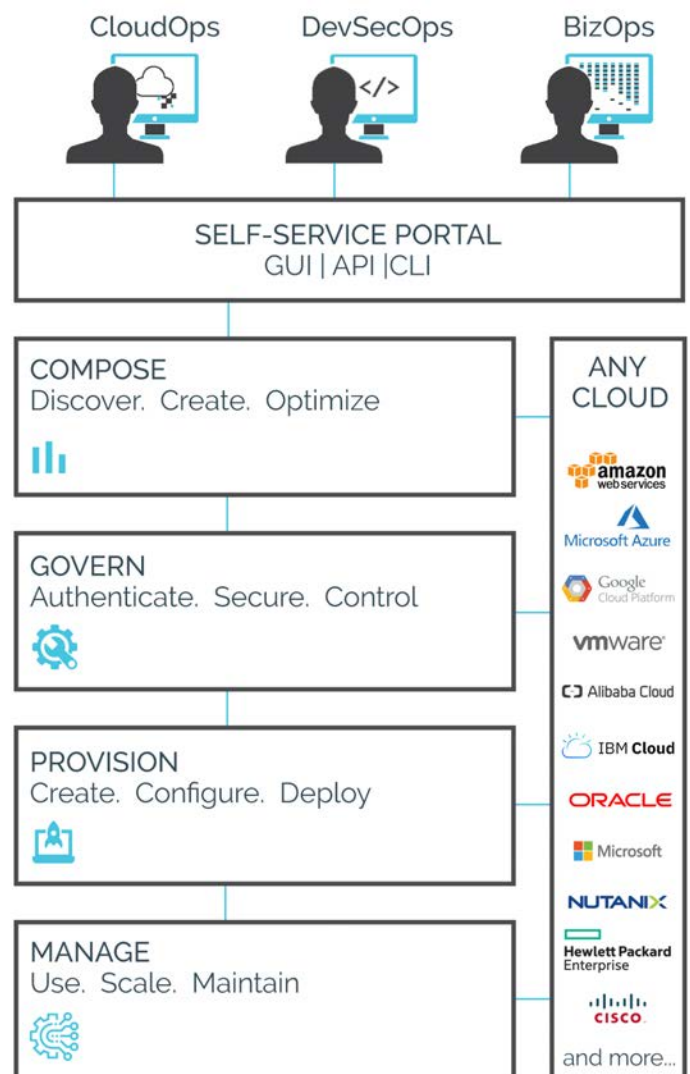
+ ADD CLUSTER ▼

- Kubernetes Cluster
- Docker Cluster
- KVM Cluster
- Triforce Cluster
- EKS Cluster

## A SYSTEMATIC APPROACH TO HYBRID CLOUD APPLICATION LIFE CYCLE MANAGEMENT

Address all cloud management and DevOps automation functions in a single unified platform which abstracts and integrates with hypervisors, public clouds, networks, ITSM tools, IPAM, monitoring, logging, load balancers and more.

- 1. ENABLE DEVELOPER SELF-SERVICE**  
Service catalog access to rapidly provision application services without waiting for IT.
- 2. QUICKLY INTEGRATE AND OPTIMIZE:**  
Add clouds and tools quickly for plus reduce cloud costs by 30% with guided rightsizing.
- 3. ESTABLISH CONTROL AND POLICY:**  
Set guardrails with fine grained role-based access, multi-tenancy and policy enforcement.
- 4. PROVIDE FRICTIONLESS DELIVERY**  
Enable continuous delivery with integration into DevOps tool chains and infra-as-code.
- 5. MANAGE DAY-2 AND BEYOND:**  
Integrate life-cycle tools like monitoring, logs, backup, and hybrid cloud scaling, and more.



Learn more at [www.morpheusdata.com](http://www.morpheusdata.com)

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