# ENTERPRISE-GRADE KUBERNETES, WITHOUT THE CHAOS

## What if Kubernetes were simple, scalable, and enterprise-ready—without the complexity?

Many enterprises run multiple flavors of Kubernetes® across their operations. This often includes multiple public cloud services, plus different distributions in datacenter and edge locations.

Organizations can struggle with these fragmented Kubernetes environments. Diverse tools make Day 2 operations challenging and error-prone, and many environments lack the enterprise-grade features you need, making it more challenging to establish consistency, enforce governance, control costs, and secure cloud native workloads.

**You need a single enterprise-grade Kubernetes platform that runs anywhere.**

## Unify with an Enterprise-Grade Kubernetes Platform

A Kubernetes platform provides a complete set of tools on top of Kubernetes, creating a more streamlined environment for operating containerized applications. Having the same Kubernetes platform everywhere provides a consistent foundation for cloud native operations.

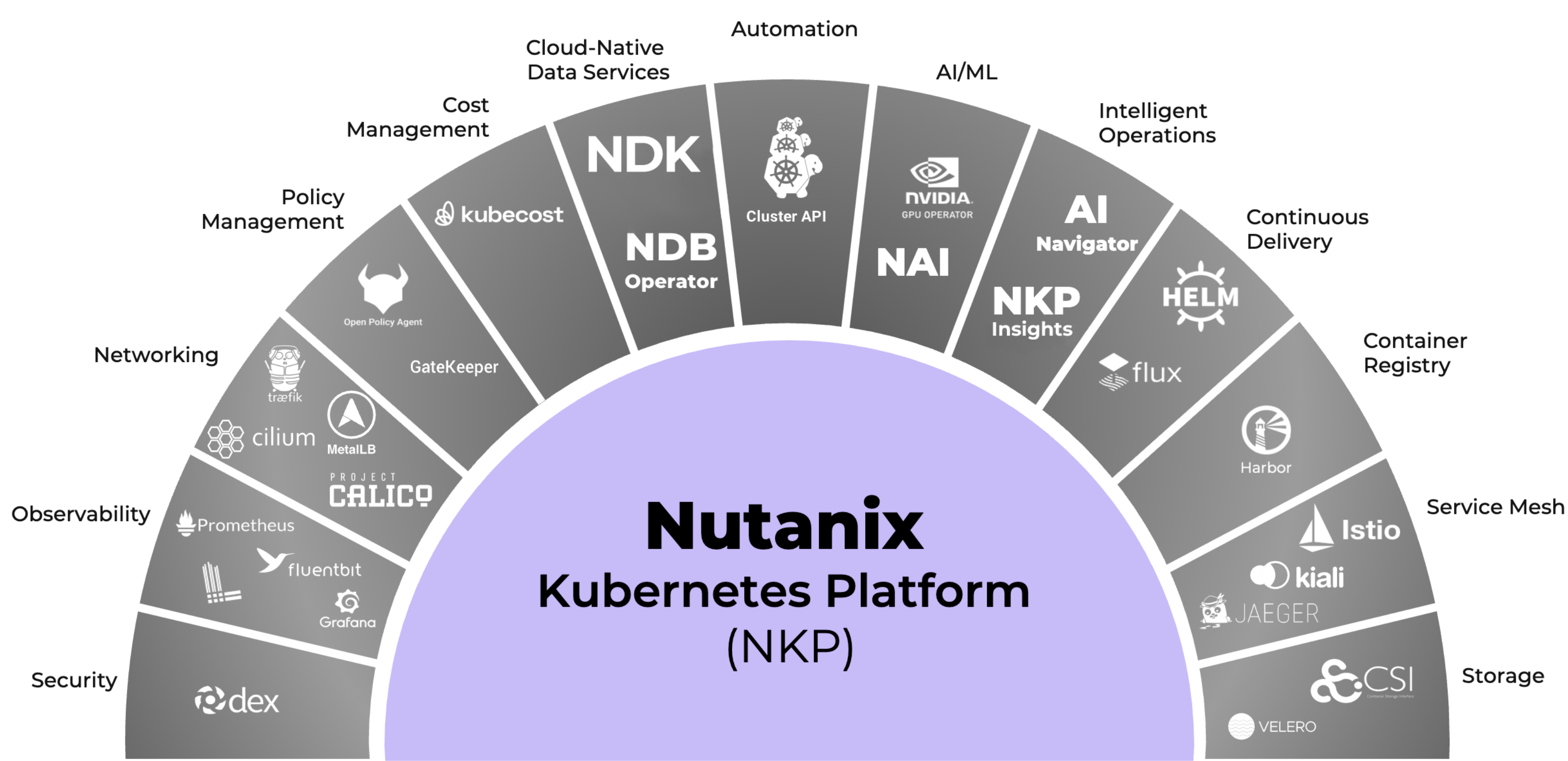Here are some key pillars that differentiate an enterprise platform:

**Unified Management**
A centralized control plane allows you to deploy and manage Kubernetes across datacenter, edge, and cloud.

**Flexible Deployment**
Extend management to established clusters and deploy new clusters across datacenter, edge, and cloud environments.

**Fleet Operations**
Automated lifecycle operations and intelligent cluster management are critical for running enterprise environments at scale.

**An enterprise-grade platform enables you to deploy, manage, and scale Kubernetes with less effort**

## Benefits: Enterprise Grade Kubernetes Platform

- Minimize Fragmentation
- Simplify Operations
- Enhance Security
- Manage Staffing Needs
- Minimize Friction
- Manage Costs

## Kubernetes Done Right

Nutanix delivers full-stack, enterprise-grade Kubernetes that's built to bring resiliency, security, and comprehensive Day 2 operations to your cloud native applications. Nutanix Kubernetes Platform (NKP) solution is uniquely designed to minimize operational complexity and establish consistency across any environment.



**Nutanix Kubernetes Platform (NKP)** — surrounding categories: Cost Management, Cloud-Native Data Services, Automation, AI/ML, Intelligent Operations, Continuous Delivery, Container Registry, Service Mesh, Storage, Security, Observability, Networking, Policy Management — with tools: NDK, NDB Operator, Cluster API, NVIDIA, NAI, AI Navigator, NKP Insights, HELM, flux, Harbor, Istio, kiali, JAEGER, CSI, VELERO, dex, Prometheus, fluentbit, Grafana, CALICO, cilium, kubecost, GateKeeper.

**Streamlined infrastructure life cycle management:**
Automated Kubernetes deployment, scaling, and upgrades in any environment.

**Pure upstream Kubernetes:**
No proprietary APIs that create lock-in.

**Minimize operational complexity:**
Consolidates multiple Kubernetes management tools into a single platform. NKP Insights and AI Navigator provide expert-level support.

**Freedom of choice:**
Including compute, storage, networking, security, and developer tools.

**Integration with the cloud native ecosystem:**
The full-stack platform provides all of the components needed to deploy and run containerized applications in production, plus access to a full catalog of validated CNCF projects to integrate the right tools for your needs.

**Portability across environments:**
Maintain consistent operations and run workloads anywhere.

**Nutanix delivers the Kubernetes experience platform teams want and the reliability enterprises need.**

## Ready to simplify Kubernetes at scale?

Explore how Nutanix can help you tame the chaos and simplify your cloud native operations: **nutanix.com/NKP**

**NUTANIX**