By 2022, more than 75% of global organizations will be running containerized applications in production, up from less than 30% today.¹ Utilizing multiple cloud providers brings inherent benefits to any organization or power user, including reduced risk, increased flexibility, and reliability. Cloud-agnostic solutions allow freedom of choice, as well as significant cost savings and improved operational efficiency.

Organizations are increasingly reaching to Kubernetes for their promise of open, easy, and low cost. Too often they discover issues around skills shortages, risk management and regulations, and lack of vendor training and support. All of which results in stalled Data Center transformation. Delayed, or even halted application modernization, data center and infrastructure modernization and updated business processes mean that business goals are not met.

Hitachi Kubernetes Service has been created to harness the best of Kubernetes management while simultaneously solving these issues for our customers.

¹ Gartner, June 25, 2020
Too Often the Kubernetes Promise Becomes the Kubernetes Burden

Kubernetes promises to improve your agility, flexibility, and efficiency. And then reality strikes. A complex number of tasks, lack of qualified staff, security concerns, and lack of performance and availability can turn that promise into your nightmare. And that’s before realizing that your instances may be spread across multiple public clouds and on-premise. You may not know where they all are, and if they are still being used!

The chasm between the promise of Kubernetes and the reality of managing complex Kubernetes implementations across multiple locations and clouds is real and can’t be underestimated.

The Simple, Efficient and Complete Platform to Manage Your Complex Kubernetes Environments

Hitachi Kubernetes Service is an open hybrid and multicloud management service for enterprise-grade Kubernetes implementations. It delivers a very reliable platform for consistent deployment, management, and monitoring of Kubernetes clusters on-premises and across all major cloud providers, with enterprise-grade security and governance.

Hitachi Kubernetes Service enable customers to manage enterprise-class Kubernetes and associated application ecosystems seamlessly across multiple environments and cloud endpoints. Centrally managed from a single intuitive console with multi-tenancy support, customers can easily federate and enforce IAM, security and audit policies, with an extensible application catalog for simple self-service by users.

Worried about a DevOps skills shortage? Hitachi offers our customers an extensive series of DevOps and Kubernetes basics, readiness and certification-level training courses to ensure your peoples’ success in your Kubernetes journey. All supported by Hitachi’s award winning global support.
Hitachi Kubernetes Service – Solving Your Complex Kubernetes Challenges

**Single Unified Kubernetes Management Console**
Hitachi Kubernetes Service delivers a single, unified management console to enable you to deploy, manage, monitor, secure and ensure governance and compliances for all your Kubernetes clusters and workloads.

**Quit dealing with multiple management tools that depend on the application, tool, or cloud location that you are utilizing.**

**Complete Multi-Tenancy**
Separate accounts, customers, users or roles to provide targeted solutions for each, with no bleed-over. Hitachi Kubernetes Service can support hundreds of thousands of simultaneous tenants, to meet your exacting needs.

**Simplify management across customers, accounts, or users, improving performance while lowering risks.**

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**On-Premise, Hybrid and Multicloud Support**
Hitachi Kubernetes Service supports workloads, applications, and Kubernetes clusters across all of your private, hybrid and multicloud environments.

**Reduce your IT risk and time with one common management tool that provides a clear line of sight for all of your Kubernetes instances.**

**Extensible Self-Service Catalog**
The Hitachi Kubernetes Service’s intuitive self-service catalog provides your developers with the ability to easily provision the applications and tools they need to work from, while ensuring developmental infrastructure consistency. It can easily be extended to meet your development and management requirements.

**Increase your developmental and support agility while reducing cost, risk and time to value.**

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**Comprehensive, End-to-End Support**
End the DevOps skills shortage with our complete suite of DevOps and Kubernetes readiness training courses to enhance your teams’ development. Courses range from introductory to Kubernetes certifications levels. Hitachi’s global support protects both your managed and unmanaged applications.

**Bring your team on your DevOps journey. All supported with Hitachi’s award-winning global support organization.**

**Highest Level of Kubernetes Security**
Achieve the highest level of security across your Kubernetes landscape with Hitachi Kubernetes Service. All communications between kubernetes clusters and the Hitachi Kubernetes Service management plane are secured both ways.

**Ensure and improve your Kubernetes security, governance, and compliance.**
86% of IT leaders are prioritizing using containers for more applications. Containers help development and operations teams take the friction out of cloud-native development.

Companies using container management platforms struggle with compliance and portability (building and deploying across multiple cloud environments).

IT leaders are turning to partners for container management and looking for secure, reliable, and easy-to-use solutions. In the future, 65% plan to leverage third-party tools for container management.

Cloud Container Adoption In The Enterprise, Forrester, June 2020

The Enterprise-Grade Kubernetes You Need

Kubernetes has become the defacto-standard for container utilisation and orchestration across geographies, industries and company size. For organizations that need to achieve the promise of enterprise-grade Kubernetes, Hitachi has the solution you need.

Key Capabilities

- Deploy, manage and monitor your enterprise-grade Kubernetes clusters – wherever you want them to be.

- Central control and operate with consistency across your entire hybrid IT environment.

- Extensible, Intuitive and unified dashboard for your operators, developers and power users, customizable to meet your needs.

- Dedicated to your success, Hitachi provides training for your team to gain critical DevOps skills.
Next Steps

To find out more about how Hitachi Kubernetes Service can help you achieve your corporate DevOps and cloud-native goals, investigate the following:

VISIT our solution webpage. Visit Now

READ the Hitachi Kubernetes e-book. Read Now

VIEW the Simplify Your Complex Kubernetes Infographic. View Now

WATCH the Hitachi Kubernetes Service video. Watch Now

We Are Hitachi Vantara
We guide our customers from what’s now to what’s next by solving their digital challenges. Working alongside each customer, we apply our unmatched industrial and digital capabilities to their data and applications to benefit both business and society.