Fsas Technologies
a Fujitsu company

intel

Future-proof

Modernizing your
technology platforms to be
ready for anything

Many organizations have kubernetes microservices architecture (cloud native) central to their modernization strategy. They view it as essential to providing good customer experience because of it's great scalability and portability capabilities as well as the basis for fast delivery of features and enhancements. It is also a foundation for efficient consumption of pay-per-use infrastructure.

Containers enable the next wave of digital infrastructure — and most organisations are already using them for parts of their operations. Kubernetes managed containers have become the backbone for new applications and the target model for modernizing existing applications. Getting container management right is critical for success. Organisations who have already adopted containerised architectures are experiencing challenges as they look to scale up their deployments.

- How to overcome silo'd kubernetes clusters that cause complexity in management and risks in operations. The target is to unify into a single management umbrella.

- Integrate management of traditional workloads with cloud native platforms to unify observability and control.

- Address increasing risk of security vulnerabilities and exposure to cyber threats due to inconsistent security measures in different resource silos.

Customer benefits at a glance

- Unified management across all assets to simplify skills needed and allow consistent end-to-end security policies

- Faster and more agile application delivery

- Better scalability and performance

- Improved economics when utilizing pay-per-use platforms

- Seamless integration and interoperability with Private and Public cloud platforms

- Leverage the full benefits of a Continuous Delivery and DevOps strategy

Progressive organizations are building their application modernization strategy based on a container and microservice architectures - which is key to enabling the agility to modernize on-premises cloud platforms and enable cross-cloud mobility and operations.

Cloud native applications are maturing fast

71%
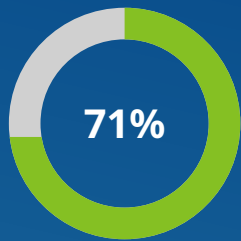
71% of respondents in the Voice of Kubernetes Experts Report 2024 indicated that while they havemore than half of their applications on cloud native, they still have many that are traditional.

27% intend for all new applications to be cloud native.

27%

57%
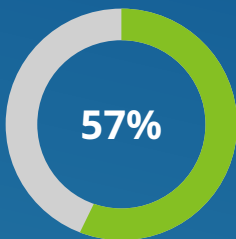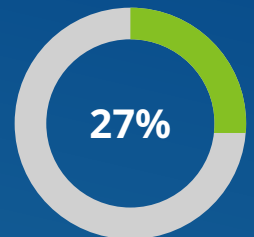
57% indicated that most new applications will be cloud native with some traditional.

16% intend to have most traditional and some cloud native. None said that all new apps would be traditional.

16%
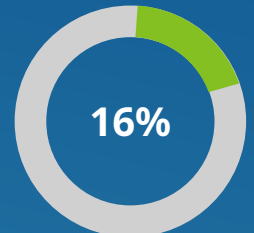
Fsas Technologies now offers a brand-new experience for containerization. We make testing your new App fast, secure, and scalable

We can offer a wide range of solutions combining own technology with that of major software vendors. This enables us to provide you with unbiased advice to co-create an ideal solution that perfectly suits your organization's needs.

We help you...

...understand which solutions and techniques are available, and how they allow you to think and/or act differently

...gain insights into the latest developments regarding best practices and technology options

...devise an effective container strategy and then select the right mix of products to implement it

Fsas Technologies and ecosystem partner solutions to deliver enterprise grade Kubernetes platforms.
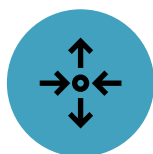
SUSE Rancher - A Kubernetes management platform with a special focus on delivering cloud-native services everywhere. SUSE Rancher simplifies Kubernetes management across on-premises, multi-cloud, and edge environments, enhancing security, performance, and operational efficiency.

RedHat OpenShift– A leading Kubernetes management platform that offers a consistent user experience, robust security, and comprehensive management across hybrid cloud infrastructures. OpenShift supports both traditional and modernized applications, facilitating seamless integration and scalability.

Azure Kubernetes Service (AKS) on Azure Stack HCI and Windows Server - An on-premises Kubernetes implementation that simplifies running containerized applications at scale. AKS on Windows Server integrates with Azure Arc to provide consistent management and governance across hybrid and multi-cloud environments.

PRIMEFLEX integrated systems – A range of pre-tested and certified solutions based on container-enabled Microsoft and Nutanix technology.

NetApp Astra product family Including Astra Control and Astra Trident, this suite provides comprehensive Kubernetes data management and persistent storage solutions. Astra enables seamless data protection, disaster recovery, and migration for data-rich Kubernetes workloads.

Nutanix Kubernetes Platform (NKP) - A fully integrated, turnkey solution for Kubernetes management, optimized for the Nutanix solution stack. NKP simplifies operational complexity and ensures consistency across any environment, supporting deployments in public cloud, on-premises, or at the edge.

Our Hybrid Cloud Assessment Service (HCAS) offers a structured approach to enable you to execute a plan which bridges technology investment with business needs. The assessment focuses on service level design, which is crucial for planning infrastructure that delivers operational efficiencies.

By assessing the current state of the IT infrastructure and identifying business risks and constraints, the service guides organizations in choosing the most suitable cloud deployment models for their workloads and applications.

Note: Intel empowers hybrid IT Kubernetes environments with cutting-edge infrastructure and software optimizations, enabling seamless workload portability, hardware-aware orchestration, and AI acceleration across cloud and on-premises deployments. With Intel® Xeon® Scalable processors, advanced telemetry, and secure enclave technologies, enterprises can confidently scale, secure, and optimize their containerized applications in dynamic multicloud ecosystems.