

Container Platform – ease migration & implement efficient hybrid cloud operating model



Go faster, improve operations and minimize overhead with EKS Anywhere

Banking Institutions must deliver new products and Digital Platform products to customers, in a consistent and reliable manner, while also adhering to strict regulatory requirements such as Anti-Money Laundering (AML), Know Your Customer (KYC) amongst many others. The diversity of technology involved adds significant complexity and overhead. Teams often spend a significant amount of time on managing the technology compute platforms their solution runs on in their data centers. The challenge is how do you refocus from managing diverse compute infrastructure to deliver new and ongoing value for customers and grow the business? The answer: re-platform and modernize your core banking applications to run on AWS technologies and enable a consistent technology stack in AWS and your data centers. Leverage AWS container platform services that scale as demand changes to meet performance, reliability, and regulatory goals and use the same platform in your data centers, lowers total cost of ownership and enables migration to AWS and ongoing operation of a hybrid cloud operating model.



Accelerate cloud adoption & lower total cost of ownership

Containerizing your applications into EKS-A (EKS running on VMware vSphere in your data center) or EKS-A Bare Metal (EKS running on your physical servers) in your data centers allows you to prepare for migration onto AWS while validating the successful running of your applications in your existing environment. It enables learning EKS control plane constructs and tools and ensure your team is trained on the container technology that will be used in AWS. Ensuring your team learns the technology and the full operation of the application on EKS-A enables a simpler migration into EKS running in AWS. If your strategy includes a Hybrid Cloud Data Center technology approach, running EKS-A or EKS-A Bare Metal on premise allows you to lower your total cost of ownership by running a single control plane and technology stack for container orchestration. This allows efficiencies in training staff, knowledge management, operational processes and governance and enables your teams to do more with the same resources and achieve your goals of your Hybrid Cloud Strategy. All this is achieved while adopting the proven benefits of containerizing your solutions and delivering a more scalable and reliable platform to drive an improved Digital experience to your customers.

Improve Digital experience & operational management

Containerize into AWS EKS and enable consistent technology and operating processes in the cloud and in your data centers.



Prepare for AWS migration

Simplify your migration to AWS by validating your applications work in EKS-A or EKS-A Bare Metal in your data centers and allow your team to get up to speed on those technologies before hosting in AWS



Improved performance & reliability

Implement containerized services that are right sized for demand, that auto-scale horizontally or vertically to meet the demand needed to ensure a reliable Digital Platform that is always there when your customers need it.



Significantly lower overhead for Hybrid Cloud operations

Moving to AWS services in the cloud and in your data centers allows you to lower the time spent by your teams learning and managing across technology stacks



Upgrade to the latest technologies

Rapidly take advantage of upgrades in the underlying technologies that have been validated by AWS as you migrate off older on-premise technologies onto AWS services

Vertical Relevance on AWS

AWS provides scalable, resilient and secure services that enable customers to build efficient solutions to meet their market needs. Vertical Relevance brings significant Financial Services and AWS technology experience to evaluate current and targeted capabilities against business goals and identify solution architectures and management processes to achieve those business goals. We partner with our customers to evaluate, prioritize and execute on programs to evolve their existing applications into cloud native solutions that are secure, reliable, perform efficiently and are optimized for cost, while managed using best practices.

Features



Targeted re-platform to AWS containers quick wins

We evaluate your current architecture to identify opportunities for re-platforming to run your applications as containers on AWS EKS, EKS-A and EKS-A Bare Metal and other appropriate AWS managed services for your architecture. We identify if operational efficiencies exist through running on prem containerized solution on EKS-A Bare Metal for a lower risk migration strategy or an ongoing hybrid cloud solution with minimized overhead.



AWS managed container infrastructure

We evaluate the impacts of migrating to managed infrastructure and identify how your operational overhead, risk and cost will change moving to AWS EKS container-based platform. We then partner with you to define and deliver on the re-platforming work leading your teams through the process and validate you achieve the targeted returns.



Configured for performance & reliability

We work with you to evaluate the expected demand placed on your Digital Platform and the performance and reliability needed for to give your customers a world class experience. We then work with you to define the right cluster and container capacity sizing and scaling policies to enable your Platform to respond appropriately and we partner with you to implement and validate they work.

World leading Banking Digital Platform



Migrate away from colocation facilities

Customer faced the choice of renewing colocation facility contracts and maintaining higher fixed capacity costs or migrating to AWS to enable right sized scalable compute and deployment options closer to customer markets



Re-platform core services

The customer re-platformed core services allowing the Digital platform architecture to remain intact while taking advantage of minimizing overhead by deploying containers on EKS, databases on RDS and caching on ElastiCache



Significant cost savings and lower overhead

Right sized compute and data storage solutions enabled significant cost savings and lower management of infrastructure, while enabling a more scalable and resilient solution and maintaining their overall solution architecture

Get started with Vertical Relevance solutions on AWS

If you are looking to provide automation, consistency, predictability, and visibility to your software release process [contact us today](#).