



June 2020

Simplify Digital Transformation: With Ensono Managed VMware Cloud™ on AWS

Your AWS solution brief
created in partnership with Ensono

ensono®

Industry Trends & Challenges

Poorly-managed migrations exceed budgets and schedules

Compelling trigger events or critical business needs can push decision makers to take sudden action, often prompting rapid migrations to the cloud. This implementation impacts end-user experience, and hampers long-term transformation.

Cloud adoption is about more than transforming your existing IT infrastructure. To migrate to the cloud effectively, businesses need a well-managed and comprehensive approach to cloud computing that spans their entire organization, and is maintained throughout their IT lifecycle.

To this end, the AWS Cloud Adoption Framework (AWS CAF) has been developed to map, accelerate and optimize your cloud migration.

The AWS Cloud Adoption Framework

Realize measurable business success through cloud transformation

Designed to help organizations streamline their journey to the cloud, the guidance and best practices outlined in the AWS CAF allow you to implement your cloud solution with speed and security.

The AWS CAF considers six perspectives: business, people, governance, platform, security, and operations. Together they form the basis for a comprehensive transformation initiative that ensures the benefits of our cloud transformation are fully realized.

To learn more about the AWS Cloud Adoption Framework, [click here](#).



Relocate your vSphere-based environments without interruption

VMware Cloud and AWS

With the AWS Cloud Adoption Framework established as a core component of your cloud migration strategy and an [AWS CAF Action Plan](#) in place, you can begin to leverage AWS and VMware's joint strategy for datacentre migration.

VMware Cloud on AWS allows you to quickly relocate hundreds of vSphere-based applications to the AWS Cloud while maintaining consistent operations in your on-premises environment.

It can help businesses alleviate potential business disruptions for our customers in 3 ways:



Expand capacity and alleviate maintenance disruptions

Deliver cloud capacity in under 2 hours in 17 AWS regions worldwide and scale infrastructure on-demand as needed.



Infrastructure risk mitigation

Provide proactive disaster avoidance with VMware Cloud on AWS and VMware Site Recovery.



Enable remote workforce

Deliver Horizon 7 VDI environments on VMware Cloud on AWS for an intrinsically secure and scalable virtual desktop infrastructure.



Implementing your migration

Cloud migration is a complex journey, a journey on which you are likely to encounter many unforeseen and unpredicted obstacles. It is therefore important that you have the proper support and guidance when you need it.

To this end, AWS works with hundreds of AWS Partner Network (APN) partners to ensure that each and every one of our customers receives ample support where necessary, and that their cloud transformation is both seamless and secure.

Ensono

AWS would like to introduce Ensono, an AWS Managed Service Provider (MSP) Partner well qualified to guide your implementation of VMware Cloud on AWS. By harnessing the power of hybrid IT, Ensono helps IT leaders to become the catalyst for digital and business transformation.

Certified to deliver AWS Well-Architected Reviews, Ensono is a VMware Premier Global Cloud Provider. Their broad services portfolio, from mainframe to cloud, is powered by an award-winning IT insights platform that is designed to help clients operate for today and optimize for tomorrow.



40-year track record

delivering Business Critical Managed Services and Consulting



Sharing years of experience

Over 700 AWS accredited staff and 100 Certified engineers sharing years of expertise



Broad knowledge base and experience

spanning from mainframe to public cloud

Ensono Managed VMware Cloud on AWS

Managed services for migrating your vSphere-based environments to the AWS Cloud

Ensono Managed VMware Cloud on AWS is an integrated cloud offering that delivers a scalable, secure service for migrating and extending your on-premises VMware vSphere-based environments.

As an AWS Managed Service Provider, Ensono help clients to digitally transform at their own speed, creating a roadmap for the future while leveraging existing applications and public cloud services in sync.

*Having a single point of contact to maximise the potential of VMware Cloud on AWS.

Ensono as a single point of contact, delivering a broad range of managed services to maximise the potential of VMware Cloud on AWS



Consultancy



Ordering



Design / Build



Support



Service reviews



Billing



Ensono managed services

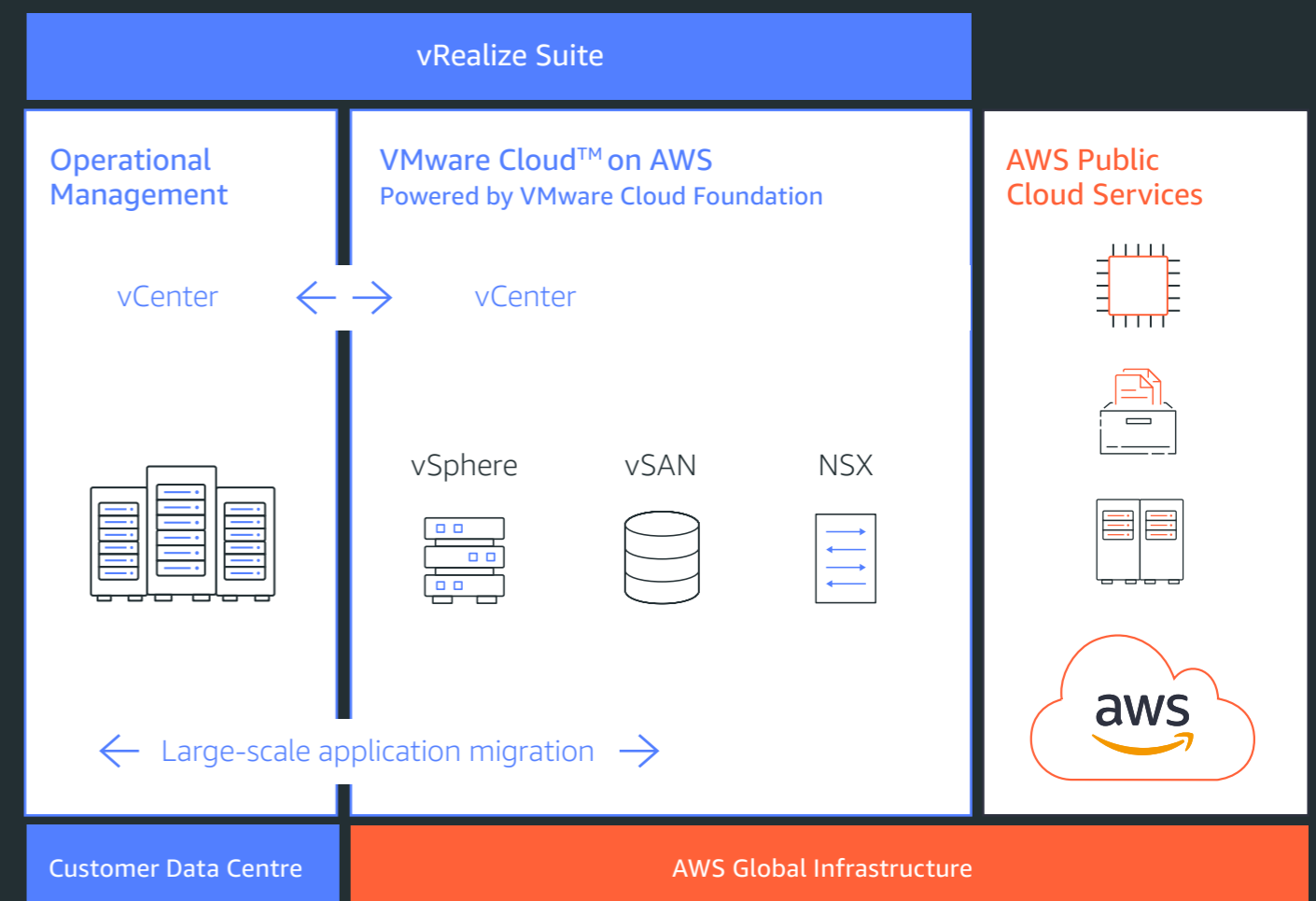
ACTIVATE → MIGRATE → OPERATE → OPTIMIZE → INNOVATE

Virtual Machines (OS, App)

Backup

Cyber Security

Disaster Recovery



Case Study

Features in focus

Ensono Managed VMware Cloud on AWS has been developed as a unified solution to take full advantage of the benefits an experienced single point of contact can provide.

With over 40 years of experience, Ensono are able to guide the development of your cloud strategy while delivering a broad range of managed services for digital transformation and innovation.

Their assistance can reduce risk on your cloud journey and ensure that your data centre migration goes exactly to plan.

Here are some of the ways that Ensono's Managed VMware Cloud on AWS can help:



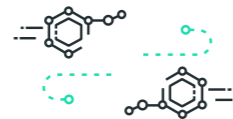
Ensuring on-time migrations

Often the result of time-sensitive events like data centre closure or infrastructure refreshes, Ensono Managed VMware Cloud on AWS allows migrations to meet their expected schedules.



Optimizing timelines and budgets

Ensono Managed VMware Cloud on AWS mitigates the common risks of exceeding financial and scheduling constraints through effective optimization.



Handling unexpected roadblocks

Migrating to the cloud is a substantial undertaking, and so there are likely to be setbacks along the way. Ensono has the expertise to handle them.



Postponing application refactoring

Refactoring your applications for the cloud is a critical element of cloud migration, and scheduling it appropriately limits unnecessary risk.

Key benefits

Combining capabilities to realise the potential of Ensono Managed VMware Cloud on AWS.

- **Avoid re-platforming:** Facilitate direct VM migration without transformation, conversion or re-platforming efforts and/or costs.
- **Wide OS support:** Run a wider variety of operating systems that are not formally supported on Amazon EC2.
- **Consistent Networking:** Software-defined networking links cloud-to-cloud to improve performance and security.
- **Over-subscription:** Realize economies with over-subscription of host.

How a potential large organisation might drive significant savings and change

Challenges

A potential client needs to shift focus on their applications through digital transformation, consolidating multiple locations that rely on aging infrastructure into a modern cloud-based solution. In the competitive market of cloud providers, VMware Cloud on AWS would allow them to take full advantage of its consistent and interoperable infrastructure, as well as to gain native access to AWS services and innovation.

Through modernization they aim to drive significant cost savings while moving to an OpEx/pay-per-use financial model, benefiting from the increased financial flexibility afforded by AWS. They also seek to reduce their reliance on error-prone firewalls and load balancers in favour of newer technology, simultaneously addressing their inability to failover individual application groups. Migration would facilitate an essential security overhaul, and allow proper data recovery protocols to be established.

Solution:

With Ensono Managed VMware Cloud on AWS, the client could establish their exact requirements for an optimized and cost-effective digital transformation. A solution might entail increasing the amount of virtualisation in the data centre, as well as implementing Ensono Private Cloud solutions based on the VMware SDDC software stack. With new business continuity and disaster recovery across multiple sites, a hybrid VMware NSX deployment with hard and soft zones would allow significant security improvements to be made.

The geographical consolidation inherent in an all-in-one cloud solution would allow multiple locations could be replicated into Ensono data centres, driving an increase in agility and application deployment speed. Additionally, integration with the wider AWS ecosystem would provide room to scale operations and expand as required. Working alongside Ensono and AWS, the client could meet their challenges head on — accelerating innovation, enhancing security, and building a framework for future development.

Results:

Through migration of vSphere-based environments to VMware Cloud on AWS, the client could realize a marked increase in business value. Their digital transformation would allow them to launch new digital initiatives with speed and agility, resulting in notable improvements to security, operations, support and application performance. A substantial reduction in overhead costs could also be achieved owing to their transition to a pay-per-use financial model.

Launching advanced digital initiatives with ease, the client could shift focus from day-to-day IT operations to their new and exciting potential for innovation. Accelerated application performance would allow delivery, management, and operations to operate at much higher levels of efficiency, with increased virtualization granting the ability to deploy VMs and Apps in real-time.

Together with Ensono, the client could fully realize the benefits of the AWS platform, future-proofing their business while rewarding stakeholders and customers alike. Thanks to the right guidance on their cloud journey, they could remain confident of their continued success.



Ready to Explore?
Get started on Ensono
Managed VMware
Cloud on AWS today:

[www.ensono.com/cloud-transform/aws/
vmware-cloud-aws](http://www.ensono.com/cloud-transform/aws/vmware-cloud-aws)