



# The ERA of MultiCloud Datacenters

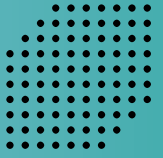
**Multi-cloud is here: Are you getting the most value from it?**

**Multi-cloud is here to stay. With the right alliance partners and solutions, you can make the most of its huge potential & will be best placed to build and migrate.**



# Table of Contents

Why Multi-Cloud Infrastructure is the Future of Datacenters?	03
New way of Managing MultiCloud	04
Increase the efficiency of with Service Orchestration	04
Questions to Ask when considering an MultiCloud	05
Accelerate the journey to autonomous with a multi-cloud	06
Multi-Cloud Cost and Performance Optimization	07
Start your multicloud build journey	08
Drive Transformations with our MultiCloud Solutions	09



## Why Multi-Cloud Infrastructure is the Future of Datacenters?

### Optimized ROI

Every cloud is built differently with a diverse range of characteristics, functionality, pricing models and policies. The right fit is therefore determined in reference to individual metrics, for individual apps, and for individual business needs – all of which means unnecessary tradeoff and compromised choices.

Multi-cloud infrastructure offers a rich set of cloud options to solve rigorous needs across a diverse range of computing and business functions, thereby optimizing returns on cloud investments.

### Autonomy

Multi-cloud infrastructure empowers organizations to mix and match platforms and vendors such that their workloads are not locked-in to individual cloud providers. Switching vendors gets easier, simplified and fairly automated at times since workload performance is never tied to individual vendors. With the lower vendor lock-in, customers get the autonomy to address changing business needs for performance, security and returns on investments.

### Superior Security

Multi-cloud infrastructure allows organizations to maintain a hybrid cloud environment that enables a combination of security and cost savings at the same time. The most security-focused workloads are kept in the private cloud while running regular business data and apps in cost-effective public cloud networks.

### Disaster Prone

Modern cloud services are delivered from multiple, redundant data centers as part of a single cloud network. Multi-cloud infrastructure takes the very concept behind modern cloud services to the next level, and in some cases, creates a cloud of cloud or inter-cloud services.

### Low Latency

With the multi-cloud infrastructure, the datacenter closest to end-users can serve the requested data with minimum server hops. This capability is especially useful for global organizations that need to serve corporate data across geographically disparate locations while maintaining a unified end-user experience.







## Welcome to a new way of Managing MultiCloud

Digital technology is changing your market at a blistering pace. To stay ahead of your competitors, you'll need a multi-cloud ecosystem built for your business. So, you can become connected, intelligent, and transformed. And your managed services will need to be wildly different than before. To meet these changing and emerging needs, we've re-imagined managed services for multi-cloud.

It's designed to cater for complex multi-cloud estates, reduce costs, and improve agility. And above all, help you maximize the value to your business.

Using our Multi-Cloud Maturity Model, we map out your IT estate and manage the elements you need us to.

Flexible pay-as-you-use services mean you can enable change and scale up and down whenever you want.

Through Digital Services Orchestration and co-creation, we can help you improve and innovate within your estate.

## Increase the efficiency of with Service Orchestration

Our approach to Orchestration encompasses everything from a technical layer up to a service and business layer. It has the capability to deliver real business value, and support a seamless user experience across all platforms, technologies and suppliers through a single management portal.

We take a co-creation approach, meaning we're able to help bring the best out of your organization and other suppliers. We work closely with you to develop a successful solution that's perfectly matched to your business priorities.

Through our Orchestration portal you can manage the unified end-to-end service of Hybrid environments, and aggregate Cloud Managed Services for easier adoption by business units.





# Questions to Ask when Considering a MultiCloud

*we explore key challenges and considerations to be taken into account when choosing a multi-cloud strategy, such as vendor lock-in, optimal workload performance, security, data transfer, and others.*

## ▶▶ CLOUD AGNOSTIC

In order to achieve a streamlined multi-cloud deployment, your applications need to be platform-agnostic. They can't rely on any one provider's proprietary service or technology, but rather on ubiquitous services that are available with any



## ▶▶ BUSINESS CASE

Deploying a multi-cloud architecture is not always an internal business decision, but rather a requirement brought in by customers



## ▶▶ CONNECTIVITY

when working with multiple clouds, the amount of inter cloud data transfer grows and makes for a hefty sum at the end of the month.



## ▶▶ VENDOR LOCK IN

lock-in to a single cloud provider also weakens your position when negotiating prices and terms with the cloud provider.



## ▶▶ RESILENCY

Having a multi-cloud strategy in place, with clearly defined DR and business continuity protocols that take advantage of the different cloud providers, can help mitigate—or completely dodge—the destructive effects of cloud outages on your business



## ▶▶ FAILOVER

Keep all of your clouds running, even at minimal capacity, all of the time, ensuring integrations and data pipelines are in place





## Accelerate the journey to autonomous with a multi-cloud

**Multi-cloud adoption is taking off—and for good reason. Organizations stand to benefit on multiple fronts by making the jump to multi-vendor deployment**

### ENHANCED WORKLOAD

Choosing a multicloud approach allows businesses to deploy workloads where they run most efficiently from both a price and performance perspective.

### FLEXIBILITY

Flexibility A multi-cloud strategy enables vendor diversification and prevents lock-in. This gives organizations more flexibility, allowing them to take advantage of best-of breed solutions that are aligned with their business objectives, more flexibility, allowing them

### RISK

A well-designed multi-cloud approach also helps to increase security, as each cloud provider drives added security to handle the load of disrupted servers.

### NEGOTIATION

The ability to move workloads among different clouds puts organization in a strong position to negotiate favorable commercial constructs from preferred CSPs, helping to reduce costs and optimizing overall IT expenditure.



## Multi-Cloud Cost and Performance Optimization

We are living in an increasingly digital world as organizations everywhere look to the cloud to be a catalyst for transformation. Now is the time to assess your cloud strategy. Are you using cloud technology to its full potential? What other ways can you benefit from its power? Can you do while minimizing security risk and upholding compliance?

With ATNIS  
Cloud Services,  
We deliver

### INFRASTRUCTURE AUTOMATION

We provides infrastructure automation via 'Environment as a Service' technology to deploy and continuously manage any cloud, private data center or Kubernetes service from one access

### KUBERNETES ORCHESTRATION

Ensure Geo-redundancy across your multi Kubernetes clusters (OpenShift, EKS, GKE, AKS, KubeSpray), and manage Day-2 operations (mass updates, auto scale/heal, and more)

### EDGE ORCHESTRATION

Meet the scale and latency requirements of all edge environments by combining infrastructure and network orchestration. Build catalogs to automate deployments



## Start your multicloud build journey

Start your multicloud build journey with a customized strategy, architecture, design and roadmap

With so many data center options available, how do you narrow the possibilities down to meaningful alternatives on which your key business stakeholders can agree?

With our Data Center Strategy service, you can jumpstart your datacenter transformation initiatives and more quickly realize cost and agility benefits. With our proven approach, you can realize a robust data center strategy that is aligned to your business objectives and cloud. With so many data center options available, how do you narrow the possibilities down to meaningful alternatives on which your key business stakeholders can agree?

**ATNIS Multi Cloud Infrastructure Development Services provides a more effective way to build and scale out an enterprise-wide, hybrid multicloud environment by:**

**1** Creating a comprehensive multicloud strategy, architecture, design, transformation roadmap, and standardized delivery building blocks

**2** Building private and public cloud instances with environment parity and consistently repeatable schedule, lower cost, lower risk, and high quality

**3** Integrating an enterprise platform for orchestration and automated deployment of cloud stacks that is plug-ready for a steady state cloud management platform

**4** Integrating tools to support Devops and Containerized workloads from a co-managed model and then to a fully managed service





## Drive Transformations with our MultiCloud Solutions

We offer you the flexibility to migrate, build, and optimize apps across hybrid and multicloud environments while minimizing vendor lock-in, leveraging best-in-breed solutions, and meeting regulatory requirements.

1

ATNIS Cloud Services empowers you to quickly build new apps and modernize existing ones to increase your agility and reap the benefits of the multi-cloud.

2

Break down silos and uncover new insights consistent analysis and harness the power of our industry-leading AI & ML services for improved business outcomes.

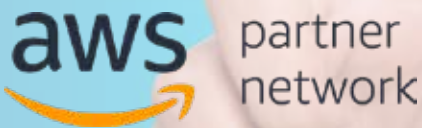
3

We work with the open source community to develop well known open source technologies and roll these out as managed services to give increase your IT investments.

4

Build enterprise-grade containerized applications faster with best-in-class managed Kubernetes and serverless platform on cloud and on-premises environments.

## Why ATNIS?



Google Cloud Platform



As an AWS Premier Tier Cloud Consulting Partner, our experience is undeniable. Leverage the best of modern IT with our AWS Managed Services. We'll keep the lights on, optimizing your cloud platform and reducing operational complexity, while you keep your focus on your business goals. We support your cloud transformation journey.

We help you get the most out of your investment, so you can focus on the agility, flexibility and scalability that Google public cloud has to offer. ATNIS are the trusted partners for migration and infrastructure services on the Google Cloud Platform. We consistently deliver high-quality cloud computing expertise and end-to-end.

We partner with Microsoft Azure so customers can jump-start their AI initiatives. Our enterprise-grade, data annotation platform works seamlessly with Microsoft Azure. Through our partnership, we help Microsoft Azure customers accelerate their accessibility and adoption of artificial intelligence in the real world.



Copyright 2021 ATNIS Group, INC. All rights reserved. ATNIS®, BAINUS®, USITSERVICES®, the ATNIS Logo, and certain other marks are registered trademarks of ATNIS Group in India, Australia, UK, Singapore and UAE. ATNIS reserves the right to change, modify, transfer or otherwise revise this publication without notice, and the most current version of the publication shall be applicable. Other names may be trademarks of their respective owners. ATNIS Group assumes no responsibility for any inaccuracies in this document & ATNIS Group reserves the right to change, transfer, or otherwise revise this publication without notice.



**ATNIS India**

-  Tapasya Corp Heights Ground Floor Sector 126 Noida Uttar Pradesh - 201126 India
-  enquiry\_in@atnis.net
-  Direct Line: +91-99869 99094






**ATNIS Australia**

-  Level 14, 309 Kent Street Sydney New South Wales- 2000 Australia
-  enquiry\_au@atnis.net
-  Direct Line : +61 2 8610 6784



**ATNIS Singapore**

-  Centennial Tower Level 21 & 34 3 Temasek Avenue Singapore – 039 190
-  enquiry\_sg@atnis.net
-  Direct Line : +65 600024172



**ATNIS UAE**

-  HDS Business Centre Tower Cluster M1 Cluster M1 33rd Floor Jumeirah Lake Towers PO box 340505 Dubai UAE
-  enquiry\_uae@atnis.net
-  Direct Line : +971 55 635 2075

