

DRIVING BUSINESS AGILITY

Business Agility Without Chaos

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Chaos Means Complexity

Make no mistake about it: operating in a hybrid cloud environment is transformative—and it's essential to the next generation of business. Most enterprises already work with multiple clouds including public, private and hybrid. Yet when different parts of the business adopt their own cloud models without centralized coordination, it often results in the opposite of what was intended, leading to spiraling complexity, lack of control and higher costs.

Operational silos, disparate management tools and weakened security all add up to cloud chaos. And, in the end, organizations risk reducing the very agility they sought to strengthen, undermining their reasons for moving to the cloud in the first place. As many as 78 percent of organizations believe increased cloud management consistency would improve management efficiency and simplify operations.¹

The answer to cloud chaos is to adopt a comprehensive hybrid cloud strategy that eliminates the complexity of a multi-cloud world. With expert help and proven practices to assist you in managing your hybrid cloud architecture, you can transform a complex patchwork of clouds into a unified, consistent and automated environment that's simple to operate and offers a holistic view of your cloud operations.

A hybrid cloud built on an integrated platform enables your business to get your disparate clouds under control as well as optimize performance and costs by choosing the right cloud service based on the specific workload or application need, as outlined in this [video](#). It also allows you to streamline efficiency by automating your hybrid cloud built on an integrated platform. The result is the ultimate flexibility to bring new products to market faster, innovate more efficiently and deliver better customer experiences. Simply put, an automated hybrid cloud environment is the key to modern-day business agility.

82%

of respondents utilize multiple infrastructure cloud service providers today, and

86%

expect to do so three years from now.¹

Benefits of getting control of your hybrid cloud environment

According to a recent survey of organizations by ESG Research:¹

74%

believe increased cloud consistency would speed innovation, product development and service delivery

69%

believe increased cloud consistency would reduce costs

30%

anticipate a reduction in security events and outages if using consistent cloud management

74%

see increasing infrastructure consistency as helping to enable cloud onboarding and migrations

81%

of organizations with cloud management consistency see an increased pace of innovation, product development and service delivery



*On average, respondents expect to roll out **5.2 net-new products or services** if they were able to dramatically improve cloud management consistency*



*On average, respondents expect to reduce their average launch or product cycle time by **6.1 weeks***

Breaking the Cycle of Cloud Chaos

So, what are some of the common challenges a hybrid cloud environment presents? And how can the right strategy address these issues? Considering the following:



Unify operational silos

Challenge: As businesses have transitioned to a hybrid cloud environment, it has become increasingly difficult to control, monitor and manage different cloud instances.

Solution: To eliminate operational silos, you need a hybrid cloud strategy that provides consistent infrastructure and operations across multiple clouds—private, public and hybrid. An integrated hybrid cloud environment can help overcome cloud sprawl and deliver a consistent cloud experience. It can also help businesses optimize performance while maximizing the use of data and software to drive innovation.

74%

of organizations are grappling with a fragmented cloud management and believe greater consistency would reduce risk and enhance security for their organization.¹



Automate processes

Challenge: The complexity of operating in a hybrid cloud environment can lead to more manual processes and repetitive, non-productive tasks, robbing your business of valuable time that would otherwise be spent on innovation.

Solution: As you strive to improve business agility, one of the smartest investments you can make is automating cloud operations—including backup, recovery, security, provisioning and orchestration. A comprehensive hybrid cloud strategy that includes automation helps businesses speed up routine tasks, streamline application development and shift their focus from maintenance to innovation.

78%

of organizations with fragmented cloud management today anticipate increased management efficiency and simplified operations as a result of more consistent cloud management.¹



Protect against cyber threats

Challenge: In a hybrid cloud environment, the sheer volume of data in disparate locations can open up businesses to security breaches from hackers, bad actors and malware. This is echoed in the Dell Technologies Digital Transformation Survey of thousands of organizations around the globe. Half of these enterprises believe that their organization will struggle to prove they are trustworthy to their customers.²

Solution: By deploying a comprehensive hybrid cloud infrastructure, enterprises can improve the overall security of their workloads in any mode. A strong hybrid cloud strategy enables firms to centrally manage and automate security, protecting their data wherever it resides. By building security into the ecosystem from the start rather than bolting it on, you can significantly reduce potential threats to your business.



Taking a holistic view

The three challenges of silos, automation and security are interconnected. By taking control of your business's disparate clouds, you can unify operational silos. By unifying these silos, you can automate. And by automating and improving security, you can attain the agility you need to maintain your competitive advantage.

To break the cycle of cloud chaos, you need a holistic view into your cloud operations:

- To innovate with data and software, you need to design for interoperability, focus on data location and tightly couple for anything as a service (XaaS).
- To deliver quickly and consistently, you must build, deploy and run on the cloud best suited to each app, maintain a consistent infrastructure across every environment, and build a common management and orchestration hub.
- To protect against cyber threats, you need to return to the basic security practices, automate as many processes as possible and address vulnerabilities before they build.

*"If we want to deliver a 'platform-free' technology, it is going to be important that we have the ability to 'cloudify' on-prem and off-prem, and to have a choice of clouds to give each the best performance, the best economics and the best scale."*³

—JOHN ROESE, CTO, DELL TECHNOLOGIES

Leaders using consistent cloud management are **3.4x** more likely to report total visibility and control over their public cloud infrastructure.¹

"Changing your operating model is not easy. Working with a partner that has predefined roles, job descriptions, process flows, responsibility matrices and communication plans can accelerate the process and reduce the learning curve." ⁴

Few Businesses Can Do It Alone

A winning hybrid cloud strategy starts with a successful strategic partnership. By collaborating with the right partner, enterprises can accelerate their growth and competitive edge—while avoiding the chaos that can ensue from cloud sprawl. While it's critical to work with a trusted partner, finding the right one can be a challenge. Here are eight factors to consider:

1. **Management consistency & unified control:** It's important to select a partner that offers a consistent management experience and unified control across all your public, private and edge cloud workloads.
2. **Simplified operations:** The best vendors offer a single operational hub that gives you a single point of contact and full visibility into your hybrid cloud infrastructure and allows you to seamlessly deploy applications to the cloud best suited to your needs.
3. **Largest choice of clouds:** It's critical to choose a partner that works with all major cloud providers. In addition, the vendor should support a wide variety of niche cloud providers with offerings specific to your industry and the applications you use.
4. **Pretested solutions:** Choosing a vendor with a comprehensive portfolio of bundled and pretested solutions will minimize your risk and help you get up and running quickly.
5. **Flexibility to choose:** The best partners prevent you from becoming locked in to any one cloud vendor's infrastructure, add-on services or pricing model. The partner should make it possible to move applications between clouds while exploiting the application's full functionality.
6. **Leveraging existing investments:** By selecting a partner that lets you use the tools and skill sets your IT department already has, you can provide a consistent, nondisruptive experience that reduces costs.
7. **Extensive hybrid cloud experience:** It's important to partner with a vendor that deeply understands your business and IT objectives. The partner should have the expertise and solutions that span your entire data center to address specific workloads and requirements.
8. **Flexible payment models:** The best vendors offer consistent service level agreements and a wide selection of payment options to help your business predictably budget, pay for technology as you use it, and take advantage of elastic capacity that expands and shrinks based on demand.

Achieving Agility Without the Complexity

Enterprises all over the world turn to Dell Technologies for its proven track record of helping businesses develop winning hybrid cloud strategies. By partnering with Dell, businesses get the leading-edge technology, best practices and expertise they need to simplify and stabilize their IT environment. The results are increased business agility, reduced risk and a sharper competitive edge.

Dell Technologies can deliver business agility
in ways no other company can

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Sources:

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