Atos Digital Hybrid Cloud (DHC) on VxRail
Atos, Dell Technologies, and VMware

What is Atos DHC on VxRail?

Atos Digital Hybrid Cloud (DHC) on VxRail is an innovative, market-first solution that allows organizations to host legacy and new applications on one platform. It combines industry-leading hardware and software from our partners Dell Technologies and VMware to bring together traditional platforms and the new world of DevOps, creating an easy start for clients on their journey to the multi-cloud.

Why is Atos DHC so important to business now?

Consumers, citizens, and governments are placing more trust than ever before on a digital future. To compete and win, organizations need to invest in new, cloud-native applications. The big question is, how do you get all the benefits of 'digital' as quickly as possible in the enterprise. Clients need a trusted, scalable, highly flexible, secure, and future-proofed multi-cloud solution.

This is where Atos comes in.

> Atos DHC creates the foundation for both legacy and new applications, in order to enable, manage, and empower a true multi-cloud vision and digital business.

How does Atos DHC on VxRail work?

Atos DHC on VxRail is a trusted, scalable, and future-proof platform that makes it easy to deploy and run a hybrid cloud.

Atos DHC on VxRail provides a fully integrated hyper-converged infrastructure layer and cloud platform based on VMware Cloud Foundation and vRealize Automation Cloud. VxRail is the only jointly engineered hyper-converged infrastructure system with VMware, that enables continuous innovation, while supporting the most demanding workloads and applications.

What does Atos DHC on VxRail help organizations do?

It provides flexibility by enabling organizations to run enterprise applications in both private and public environments through an integrated cloud infrastructure and cloud management services. It helps organizations to keep up with business demand through fast access to infrastructure, data, application, and Digital services through evolution toward a modernized Software-Defined Data Center. Organizations can choose from a variety of options, from open APIs to native container apps, all on the infrastructure they trust.

This means Digital can confidently and efficiently deliver and manage both new and legacy applications across physical, virtual and cloud environments.

What does this mean for a client, in real terms?

Our client, a global manufacturing company, unlocked the potential of new business models and reduced operational costs by 32%, following our implementation of a hybrid cloud infrastructure, managed via a cloud orchestration and service portal.

How does Atos DHC on VxRail enhance Digital operations?

Atos DHC enhances the Digital operation that underpins business because it is a modular solution that fits into the existing environment. It enables organizations to evolve digital capabilities with minimal interruption to existing processes. It is more flexible, because it leverages solutions from both VMware and Dell Technologies – global leaders in transformative software and hyper-converged infrastructure technology respectively; more agile because it is highly programmable; and more cost- effective because it is highly automated. It enables organizations to maximize cloud benefits through a consistent infrastructure with consistent operations in one complete, automated platform. What's more, full visibility of cloud usage, cost and performance is available throughout CloudHealth by VMware to help optimize and control cloud operations.
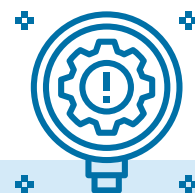
How does Atos DHC on VxRail keep data secure?

Data is kept secure and controlled by meeting specific business compliance needs e.g. PCI, HIPPA, etc. Customer data is kept on-premise with the ability to move anonymous data to the cloud to analyze at scale. Alerts are also provided for non-compliant accounts and assets to keep one step ahead of security issues.

This means Digital can support top-line business growth by enabling organizations to concentrate on developing core business applications that help in getting closer to customers.

How does Atos DHC on VxRail help reduce costs?

Better visibility of total cost of ownership (TCO), for example, private cloud, public cloud, and data center costs by cost center or line of business, can save an average of 25% on monthly cloud spend. VMware Cloud Foundation generates a 28% lower 3-year TCO than the alternative traditional 3-tier approach to data centers.

Greater ROI and faster IT service delivery – VxRail delivers 56% faster delivery and a 489% ROI over 5 years[1]

1. IDC commissioned by Dell EMC, Delivering Efficient Business Expansion with Dell EMC VMware-based HCI, October 2018

Digital Hybrid Cloud | DELL Technologies | vmware® | Atos

Is Atos DHC on VxRail future proofed?

Yes. Atos DHC on VxRail enables building truly cloud-native applications to be built that power innovation and agility for tomorrow while running apps needed today to drive core business revenues. Our solution helps accommodate change by delivering open APIs, scalable infrastructure and new application and development environments sooner, with greater agility, all backed up by security, reliability, and governance.

In addition, VxRail is backed by Dell's Future Proof Program and Flex on Demand offer. This gives organizations the confidence that they can upgrade with certainty and evolve predictably. Dell's Future-Proof Loyalty program provides investment protection and satisfaction guaranteed. The Future-Proof Loyalty program promises Timeliness Technology, which ensures that the solution can scale and grow by enabling organizations to seamlessly move their Digital infrastructure forward to future technologies and be able to access cloud capabilities.

4-8x

Will Atos DHC on VxRail speed up time-to-market?

Yes. By eliminating complex infrastructure deployment processes, time-to-market can be accelerated by 4-8 times.

Faster IT service delivery – VxRail speeds up Digital delivery by 56%.[2]

56%

2. IDC White Paper, sponsored by Dell EMC, Benefits of the Consistent Hybrid Cloud: A Total Cost of Ownership Analysis of the Dell Technologies Cloud, April 2019

How does Atos DHC on VxRail help reduce risk?

Atos DHC reduces the risk of complex cloud transformation by providing a predictable standard solution, integrated with existing environments, that provides a stable, yet innovative platform for both existing apps and launching new digital apps. Through enhanced visibility, workloads being migrated to the cloud can be assessed and modeled. And custom policies that automate daily cloud operations mean speed and consistent decision making, further reducing risk.

The Dell maintained sizing tool reduces sizing error risks and ensures configuration optimization and compliance. The system is fully managed and compliant, leading to reduced risk for organizations.

Atos DHC is fully managed by Atos, a trusted advisor with experience and proven expertise across a range of cloud-based digital transformations. We use this experience to help reduce risk even further.

Why Atos DHC on VxRail?

Global scale

Atos runs the world's largest private cloud driven by one of the world's largest alliances between Atos/Dell Technologies/VMware. We have already transformed 50,000+ applications and 150,000+ workloads to multi-cloud.

Deep industry knowledge

We have deep vertical skills which we use to adapt our solutions across finance, healthcare, utilities, public sector, retail, manufacturing, etc.

Recognized market leaders

We have been positioned as a Leader in Gartner's Magic Quadrant for Hybrid Infrastructure Managed Services and Data Center Outsourcing in the US, Europe, and APAC. Dell Technologies leads the hyper-converged infrastructure market with 7,000+ VxRail customers globally.

Proven partnership

Close collaboration between Atos, Dell Technologies, and VMware.

Experience of large customer deployments

Our approach is based on our experience of delivering 1,000,000 workloads, completing 500 global cloud projects and working with many of the F2000 Enterprises.

#1 in Europe and a global leader in cybersecurity

With a global team of over 5,000 security specialists and a worldwide network of Security Operation Centers (SOCs).

Data at scale

Delivered on the best storage solution in the market (Dell EMC) combined with Atos Codex – to extract maximum value from data.

End-to-end support

VMware Cloud Foundation on Dell EMC VxRail provides an integrated and seamless solution with no split between hardware and software vendor support, making it easier and faster to resolve potential issues.

End-to-end capability

Atos brings together the outsourcing, SI and Application (Syntel) heritage which is a unique combination along with unique innovation. For example, SyntBots, Atos Syntel Intelligent Automation Platform.

Any application

Atos DHC delivers the complete solution – IaaS, PaaS, and SaaS; which can accommodate most traditional and cloud-native applications on a single platform.

End-to-end stack integration

VMware Cloud Foundation on Dell EMC VxRail delivers end-to-end stack lifecycle automation, that offers rapid delivery and expansion of resources combined with one click curated updates. VxRail offers our clients a fully integrated stack with a consistent infrastructure and consistent operation layer.

Digital Hybrid Cloud | DELL Technologies | vmware® | Atos