NTT

Creating a cloud-ready infrastructure to prepare
a leading professional services organization for the future

Why a professional services organization needed to rethink their data center

With customers across Europe, a large professional services organization wanted to change the way they approached technology. They needed to modernize their data center, while still supporting their existing applications, ensuring that services to their customers were not interrupted. They also needed the solution to meet compliance, governance and security regulations.

How a hyperconverged solution met key business requirements

Working with the client, our consulting team helped them to identify their key business requirements and how they needed to evolve their data center to meet those needs.

The hyperconverged VxRail solution allowed them to take full control over their hybrid infrastructure, creating a seamless environment for their development team to build the next generation of applications.

What greater flexibility meant for them

The hyperconverged infrastructure delivered a 30% reduction in the total cost of ownership for their data center. The platform allows them to support their existing applications, while creating the foundations for a cloud-ready future. With their software defined infrastructure, they have designed a scalable and flexible system, capable of meeting all customer demands.

DELLTechnologies

'The 30% reduction in TCO for our data center allowed us to move quickly,
to ensure that we have a future-proof infrastructure.'

Challenge

Why a professional services organization needed to rethink their data center

The Luxembourg operations of a large multinational professional services organization had established that they needed to move their IT operations to the cloud; but they were struggling to understand how to make this happen.

Their existing data center architecture was siloed, with poor operational control. The reliance on manual operations limited their ability to deploy new services and raised the danger of errors creeping in.

They were looking to transform their application strategy, to embrace a more modern application development strategy; one which would allow them to adopt an agile, container-based approach to application development.

In addition to the legacy architecture that was preventing them from embracing a hybrid IT environment, they were also being hampered by a lack of skills as their internal IT team were focused on keeping the existing environment available. This meant that they did not have the internal capabilities to implement a full hybrid data center environment.

Working in a highly regulated field also meant that any solution would have to meet strict compliance and governance regulations. The solution needed to be secure-by design, in order to guarantee the privacy and security of customer information.

Solution

How a hyperconverged solution met key business requirements

Through a consulting-led approach we liaised with the organization to identify what the best strategy was to help align their data center architecture and their business requirements. This included a complete review of their existing infrastructure and operational models.

Even though they had only planned to upgrade their data center in a year's time, the benefits put forward by our proposal resulted in them moving their timeframes forward. In addition, the unique nature of our proposal resulted in them waiving their usual procurement processes. This allowed us to take advantage of the cost benefits offered by implementing the solution faster.

We provided them with a hyperconverged VxRail solution, including the suite of VMware tools to ensure that they are able to fully manage their hybrid environment.

We also ran workshops to help the internal development team understand the platform and accelerate their ability to develop around the new architecture.

Outcome

What greater flexibility meant for them

The immediate result of the move to the tightly integrated, hyperconverged solution was a 30% reduction in the total cost of ownership for the data center.

It was this financial benefit that incentivized them to move their data center replacement project forward.

This created a platform for both existing and new cloud native applications, ensuring seamless continuity between the legacy applications and those supporting the future business needs.

The hyperconverged infrastructure is more scalable than the existing system and it is relatively easy for new nodes to be added to the cluster, ensuring it can meet the growing needs of the business. This transition from a traditional architecture to a software-defined solution gives them the flexibility needed to adapt to any changes in the market.

The software-defined nature of the system also simplifies management and allows them to embrace a DevOps operational model.

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Which technologies?
- VxRail

Which services?
- Implementation services

Which partners?
- Dell Technologies
- VMware
- Pivotal

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