



Key Organics

Case Study

Modernising IT Infrastructure with a Seamless
Migration from VMware vSphere to Proxmox



YOUR IT PARTNER

01. summary

Key Organics is a leading supplier of specialist chemical compounds to the global pharmaceutical, biotechnology and chemical research industries. With customers around the world relying on uninterrupted access to critical systems, the business required an infrastructure platform that would remain reliable, secure and cost-effective for years to come.



02.challenge

Like many organisations, Key Organics had built its IT infrastructure over a number of years. Its VMware vSphere environment had served the business well, but changing licensing costs and the need to future-proof the infrastructure prompted a review of alternative virtualisation platforms.

- The business wanted to:
- Reduce ongoing virtualisation costs
- Minimise disruption during migration
- Improve resilience and disaster recovery
- Strengthen cyber security
- Modernise supporting infrastructure alongside the migration
- Ensure users experienced little to no downtime throughout the project

Rather than simply replacing one hypervisor with another, Key Organics wanted to use the opportunity to review its wider infrastructure and ensure every part of the environment was fit for the future.



03.solution

Following an infrastructure assessment, Nexus designed and delivered a phased infrastructure modernisation programme centred around migrating the virtual environment from VMware vSphere to Proxmox Virtual Environment. Working closely with Key Organics, the project included:

Proxmox Virtualisation

- Complete migration from VMware vSphere to Proxmox VE
- Careful migration planning and testing
- Minimal business disruption throughout the transition
- Improved flexibility with reduced licensing costs
- Platform designed for future growth

A Trusted Technology Partnership

The migration to Proxmox formed part of a wider technology partnership between Key Organics and Nexus. Over nearly 20 years, we have supported the organisation with a range of infrastructure, security and workplace technology projects, helping continually improve performance, resilience and security.

Previous projects have included:

- Windows Server upgrades to maintain performance, security and vendor support
- Deployment of SonicWall firewalls to strengthen perimeter security
- Comprehensive cyber security reviews and recommendations
- Enhanced email security to reduce phishing and malware risks
- Microsoft 365 backup protecting Exchange Online, SharePoint, OneDrive and Microsoft Teams
- Deployed Microsoft Teams as a full phone system replacement to modernise business communications

Having an in-depth understanding of Key Organics' IT environment meant Nexus was well placed to plan and deliver the VMware vSphere to Proxmox migration efficiently, with minimal disruption and confidence that the new platform would integrate seamlessly with the wider technology estate.



04.the results

The completed project has provided Key Organics with an infrastructure platform built to support the business for years to come.

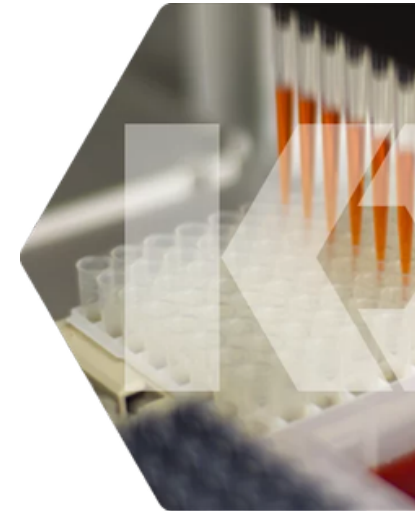
Key Outcomes

- Significant reduction in virtualisation licensing costs
- Successful migration from VMware to Proxmox with minimal disruption
- Improved infrastructure resilience
- Enhanced cyber security posture
- Modern Microsoft Teams telephony
- Protected Microsoft 365 data through cloud backup
- Simplified infrastructure management
- Platform ready for future expansion

Why Proxmox?

For Key Organics, Proxmox delivered many of the enterprise virtualisation capabilities they relied on while providing greater flexibility and significantly lower ongoing licensing costs.

Combined with Nexus' migration expertise, the organisation was able to modernise its infrastructure without compromising performance, security or reliability.



"Nexus has been our trusted technology partner for almost 20 years, supporting us with everything from infrastructure and cyber security to Microsoft 365 and business communications. Most recently, they handled our VMware vSphere to Proxmox migration, and they clearly know the platform inside out. The project was carefully planned and delivered with minimal disruption, and the team were responsive, knowledgeable and easy to work with throughout.

We'd certainly recommend Nexus to any organisation considering a move from VMware to Proxmox, as well as those looking for an experienced technology partner to deliver complex IT projects, infrastructure modernisation and professional services."

Gary Lyons, Project Manager, IT & e-commerce





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