



LIMA works in collaboration with Lancashire Teaching Hospitals NHS Foundation Trust to drive efficiency and fuel growth.



Lancashire Teaching Hospitals NHS Foundation Trust provides acute healthcare for people in Preston and the surrounding areas, spanning across several campuses including Preston and Chorley. Besides being a major healthcare services provider to over 350,000 people, the Foundation Trust also provides clinical education for Trust staff and external delegates under the brand of The Health Academy.

“The LIMA team has become more of an extension of the Trust than a service provider. Not only has LIMA delivered 24/7 support and monitoring for our critical infrastructure, but they have also helped us to develop a robust storage strategy and provided access to key insights and best practices from other public sector organisations.” **Saeed Umar, Head of IT at Lancashire Teaching Hospitals NHS Foundation Trust**

Ageing infrastructure was restricting the growth of Lancashire Teaching Hospitals, who require a highly available platform that can support key clinical applications.

They needed a flexible, private cloud platform that would enable them to support their data centre consolidation and relocation strategy.

As part of their wider digital transformation strategy and to ensure resilience, Lancashire Teaching Hospitals was looking to house their data centre assets in separate locations. This modernised infrastructure would allow them to integrate with public cloud services, whilst delivering an active, secure configuration in the event of a full or partial outage.

To ensure that they provide excellent care to their patients, they needed a future-proofed, reliable and scalable IT infrastructure that can adapt to the changing needs of the Trust and its patients.

Challenges addressed

- Build more fit for purpose, modernised data centres with efficiencies that conform to the requirements of green IT.
- Protect the legacy applications used to run hundreds of essential pieces of care equipment, preventing cyber-attacks whilst maintaining all functionality.
- Due to the vital service offered by Lancashire Teaching Hospitals, the solution had to be secure and diverse to meet the ever-changing needs of the organisation
- They required a solution that ensured optimal uptime so that they continue to deliver the very best possible care and support.

The deliverables

It was imperative that the solution designed and implemented by LIMA offered high availability, increased performance and enabled an active platform that worked seamlessly across both the Preston and Blackburn data centres.

Through a series of technology workshops, LIMA developed an understanding of the Trust's strategy and long-term goals, ensuring that the proposed solution met the needs and challenges identified by their senior leadership team.

Through the incorporation of VMware Software Defined Datacentre, VMware NSX and Cisco UCS servers, LIMA were able to implement a flexible solution that provided scalability and adaptability to aligned with the Trust's five-year investment plan, whilst accommodating the changing needs of their cloud requirements.

Lancashire Teaching Hospitals 
NHS Foundation Trust

Benefits and outcomes


Whilst the Trust's journey with LIMA is ongoing, Lancashire Teaching Hospitals are embracing the benefits of data centre consolidation, as well as the enhanced performance of their IT platforms and improved security of legacy applications.

The solution has also enabled the advancement of the Trust's data science division. The NHS has a strong focus on supporting diagnosis and treatment through the use of data analytics and AI. Their updated IT infrastructure allows testing, development and pilots for some of these services through a scalable, testable model. LIMA's solution has also allowed Lancashire Teaching Hospitals to progress into public cloud, whilst maintaining compliant security policies and future-proofing the services they offer.

Following this successful project, Lancashire Teaching Hospitals will collaborate further with our technology specialists on a large storage refresh project, working to develop their data archive platform.

Want to find out more about our cloud services and infrastructure solutions?
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