



Creating a Cloud Blueprint

Together OCSL and Luton Hospital have broken through the constraints of using Cloud in the NHS. By taking a brave, new direction, performance and efficiency have soared while data and systems have been kept safe.

40%

saving in capital investment every year with tiered, flexible storage in the Cloud

// In this sector every penny counts. Being able to tier workloads using Hybrid Cloud means we saved over 40% in IT CAPEX. //

Philippa Graves, CIO
Luton & Dunstable University Hospital NHS Foundation Hospital Trust

Goal

Deliver a digital roadmap to maximise investment

Service

Hybrid Cloud in UK's Managed Service Hosting

Outcomes

40% saving in capital investment
99.95% uptime for 100+ critical IT systems
Upgrades now take days, not weeks

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Luton and Dunstable Hospital Case study

Ground-breaking roadmap for digital transformation

Luton and Dunstable Hospital faced a challenge common to most Public Sector organisations: how to do more with less? Following a major power outage, Luton's initial priority was to modernise its ageing infrastructure. Longer term, they needed a digital roadmap to push boundaries and maximise investment. Luton turned to OCSL to help them clearly see what the future could look like.

Technology overview

Hybrid Cloud in UK's Managed Service Hosting

Connectivity options

- Secure Virtual Private Network (VPN)
- CloudRoute connection to Public Cloud

Data Centre specifications

- Government OFFICIAL Supplier
- N3/HSCN Supplier
- G-Cloud Supplier
- Cyber Essentials + IASME
- ISO 27001, 20000 & 9001

Analytics and monitoring solutions

- Real-time monitoring and support alerts
- Anytime reports through our CloudControl Portal

Support services

- Full disaster recovery, replicated across a 10GB fibre-optic link
- Remote management

A fresh perspective

With our support, Luton made the bold move to a secure Hybrid IT environment. Using CloudRoute, OCSL's own high-performance connection to the Public Cloud, Luton now run non-critical systems securely in the Public Cloud. A customized private cloud, hosted in OCSL's own leading edge data centre, has given Luton the power to securely access patient data on demand. Using CloudControl, OCSL's management portal, Luton fine tune capacity to public or private clouds in a simple click.

A better answer

By reducing latency time to 9 milliseconds medics can access systems across multiple devices for more efficient diagnostics and treatment. Software upgrades & roll outs to 4,000+ staff have been streamlined from weeks to days. With the significant investments saved, Luton are taking even bolder steps. An integrated patient portal, and Facebook-style apps are planned to improve patient access and care. Together, OCSL and Luton have created a blueprint for other NHS trusts to follow.

Let's put our heads together

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