

## The Customer

### UK Local Authority (NDA)

As part of its ongoing digital transformation and data management strategy, the Council requires secure, resilient, and compliant IT infrastructure to support service delivery, regulatory obligations, and long-term data retention.

## About PeaSoup

PeaSoup Cloud is an award-winning UK cloud provider delivering secure storage, backup, disaster recovery, and infrastructure services to public sector organisations and regulated industries.

All services are hosted in UK data centres and engineered using liquid immersion cooling and hyper-converged architecture, enabling exceptional performance, resilience, and sustainability—without additional cost to customers.



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## Secure, Sovereign and Sustainable Object Storage for Local Government

### The Challenges

UK local authority required a UK-hosted object storage platform to support the secure storage and management of large datasets generated across multiple council services.

The solution needed to meet the following key requirements:

- Approximately **100TB of S3-compatible object storage**
- **UK data residency** to support GDPR and public sector data sovereignty obligations
- Compatibility with industry-standard S3 APIs and existing backup and archive workflows
- High levels of durability and availability suitable for long-term retention
- **Transparent and predictable pricing**, avoiding variable data transfer charges
- Alignment with the Council's **sustainability and carbon reduction objectives**

### The Solution

PeaSoup delivered S3-compatible object storage services, hosted exclusively in UK Tier 3 aligned data centres and designed for public sector and regulated workloads.

The solution provides:

- **100TB of S3-compatible object storage**, scalable as demand increases
- Full compatibility with standard S3 tools and platforms
- **UK-only data hosting**, ensuring compliance with data sovereignty requirements
- Encryption of data at rest and in transit
- Optional **object immutability** to support compliance, retention, and data protection policies
- **No ingress or egress charges**, enabling predictable cost management
- Simple, usage-based pricing aligned with public sector budgeting models

All storage is delivered on PeaSoup's proprietary infrastructure, built using liquid immersion cooling technology. This approach significantly reduces energy consumption, eliminates the need for server cooling fans, and improves hardware reliability and longevity.

### The Outcome

The Council now operates a secure, compliant, and sustainable object storage platform, supporting the storage of 100TB+ of council data with confidence.

Key outcomes include:

- Assurance of **UK data sovereignty and regulatory compliance**
- Improved cost control through transparent, predictable pricing
- Seamless integration with existing data management and backup workflows
- Reduced environmental impact compared to traditional cloud storage models
- A scalable platform capable of supporting future data growth

PeaSoup Cloud has provided a trusted UK-based alternative to hyperscale cloud storage, aligned with both operational requirements and public sector values.



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