



itps

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Cloud Repatriation

Regaining Control of Out-of-Control Cloud Costs

Introduction

As organisations continue their journey to the public cloud, many encounter unexpected challenges, particularly when migrations focus solely on shifting infrastructure, without transforming applications. This approach often leads to unforeseen cost overruns and compliance hurdles. In fact, market statistics show that around 70% of organisations experience budget overruns in their cloud projects, whether during delivery or with ongoing operations (McKinsey & Company). However, cloud adoption doesn't have to be a struggle.

When done strategically, it enables organisations to maximise efficiency and performance. Cloud repatriation is one of the tools that support successful cloud adoption by ensuring each workload runs in the right place.

This whitepaper explores how ITPS supports organisations facing hyperscale cloud challenges. It outlines a structured approach to workload optimisation, including cost-efficient cloud retention, repatriation using advanced replication tools like Zerto, and seamless migration of containerised workloads.

ITPS

We're experts at delivering complex, future-proof IT projects that help our clients do business better.

Using best in class tools and technologies, we deliver innovative IT solutions and keep our customers safe, while giving anytime, anywhere access to systems and data to those stakeholders who need it.

You'll find us top tier partners when it comes to delivering Cloud, Cyber Security, Managed Services, Professional Services, Communications, and Data and Analytics services to household names in the public, private and not-for-profit sectors across the UK.

With a team of people who have an unrivalled depth and breadth of expertise and knowledge, we have the right skills and capabilities to work with you as technology evolves. Many of our clients have been with us for 20 years, and regard us as a trusted technology partner, supporting their changing business, delivering tailored IT solutions and adding stability and value across their organisations.

Understanding Cloud Repatriation

Cloud repatriation involves relocating workloads from the public cloud to on-premises or private cloud environments. By repatriating certain workloads, organisations can regain control of IT environments and align infrastructure to address evolving business needs.

Why companies consider repatriation:

Cost Savings

Public cloud expenses (e.g., storage, compute, egress fees) can become unpredictable and expensive. Utilising on-prem infrastructure allows for fixed, predictable costs.

Performance

On-prem solutions can offer better performance for latency-sensitive applications, with some workloads running more efficiently on specialised hardware that cloud providers may not support.

Compliance

Data sovereignty and regulatory compliance impact most organisations, with some regulations mandating where sensitive data can be stored and strict guidelines on data handling. For example, some organisations need data sovereignty, to be absolutely certain that their data does not leave the UK. This is not always clear in Public Cloud.

Realisation

The three points above create a sum-total that a particular workload or application isn't cloud ready yet. We assist our clients to bring costs, performance and compliance under control while new preparations are made for a move to Public cloud. With no egress or ingress charges on our Private Cloud platform, clients have the time-pressure of changing a critical app removed from the equation which, in turn, leads to better long term architecture decisions.

ITPS: Your Cloud Repatriation Partner

ITPS goes beyond traditional managed service providers, offering a unique blend of expertise, infrastructure ownership, and advanced cloud capabilities. Our differentiators include:

- **Geo-resilient IaaS** - We offer infrastructure designed for high availability across multiple UK locations.
- **Full Power of VMware Cloud Foundation (VCF)** - We leverage VCF extensively, positioning us ahead of most competitors.
- **Privately-Owned Tier 3 Data Centre** - We control our infrastructure, ensuring reliability, security, and efficiency (PUE 1.2).
- **Comprehensive Cloud Support** – We optimise the full spectrum: On-Prem, Colo, Sovereign Cloud, and Hyperscaler environments.

Our End-to-End Approach

1. **Discovery and Assessment** – Evaluating data, applications, and hosting design to identify inefficiencies and repatriation opportunities.
2. **Solution Architecture** – Creating tailored designs that balance cost optimisation and workload placement.
3. **Implementation and Migration** – Leveraging best-in-class tools to ensure smooth transitions with minimal risk.
4. **Continuous Optimisation** – Providing ongoing monitoring, reporting, and improvement strategies.

For workloads that remain in public cloud, we employ several cost optimisation strategies:

- **Resource Rightsizing** – Matching computing resources to actual usage.
- **Utilising Reserved Instances** – Locking in cost savings for predictable workloads.
- **Cost Management Tools** – Platforms like CloudZero offer real-time spending insights and proactive alerts.



Moving Workloads Out of the Cloud

Where repatriation is beneficial, we ensure seamless transitions using industry-leading tools.

Leveraging Zerto for Seamless Migration

- **Continuous Data Protection** – Real-time replication for data consistency.
- **Automated Failover and Failback** – Minimising downtime with automated transitions.
- **Cross-Environment Support** – Enabling migration between on-prem, public, and hybrid clouds.

The ITPS Advantage

We don't just offer cost savings – we deliver strategic advantages that set us apart:

- **Bespoke Infrastructure** - Unlike commodity cloud providers, our services are tailored to unique business needs.
- **Regulatory Compliance Expertise** - Supporting compliance with industry-specific security and sovereignty requirements.
- **Unmatched Combination of Credentials** - Our certifications, customers case studies, strategic UK location, and Tier 3 data centre collectively differentiate ITPS from the competition.

Cloud repatriation is a powerful strategy for organisations seeking control, performance, and cost efficiency. Partnering with us ensures your IT infrastructure aligns with your strategic and operational goals, optimising workloads across public and private environments.

Partner with ITPS for a Tailored Cloud Solution

As your trusted partner, and with our Cloud-agnostic approach, you can always count on ITPS to deliver the right solution for your organisation, ensuring alignment with your specific needs and goals.

READY TO TAKE THE NEXT STEP?

Reach out to us today to schedule a free cloud cost assessment with our experts **0191 442 8300** or **email enquiries@itps.co.uk**