



Service Definition AI Powered Data Migration

Testing Performance Ltd

G-Cloud 15

Lot 3 Cloud Support

AI-Powered Data Migration Service

Supplier

Testing Performance Limited

Service overview

This service supports public-sector organisations to analyse, migrate, and validate data safely and efficiently using AI-assisted techniques. It is designed to reduce risk, improve data quality, and accelerate migration programmes while maintaining strong governance, transparency, and buyer control.

The service is suitable for cloud migration, legacy system replacement, platform modernisation, and data consolidation initiatives where accuracy, auditability, and continuity are critical.

What the service includes

The service can include the following activities, tailored to buyer needs:

- Data discovery and profiling across legacy and target systems
- AI-assisted analysis to identify data structures, relationships, and quality issues
- Migration strategy and planning aligned to business priorities
- Data mapping, transformation, and validation support
- Automated and semi-automated migration execution
- Reconciliation and verification of migrated data
- Defect identification and remediation support
- Migration reporting and assurance evidence

This is a professional advisory and delivery support service.

Typical use cases

Buyers typically use this service when:

- Migrating data to cloud-based platforms or services

- Replacing or retiring legacy systems
- Consolidating data from multiple sources
- Improving data quality as part of transformation programmes
- Reducing manual effort and risk in large-scale data migrations

Service delivery approach

Delivery begins with understanding the data landscape, migration objectives, and risk profile. AI-assisted tooling is used to support analysis, pattern identification, and validation, helping teams prioritise effort and identify potential issues early.

Migration activities are planned and executed in controlled phases, with clear checkpoints and reconciliation to ensure data completeness and accuracy. AI is used to augment analysis and verification, not to make autonomous decisions.

Service outputs and outcomes

Typical outputs may include:

- Data discovery and profiling reports
- Migration plans and mapping documentation
- Reconciliation and validation reports
- Migration execution evidence and logs

Expected outcomes include:

- Reduced migration risk and rework
- Improved confidence in data quality and completeness
- Faster delivery of migration milestones
- Clear evidence to support assurance and audit

Data protection and information assurance

Testing Performance Limited operates information security and quality management processes aligned with ISO/IEC 27001 and ISO 9001. Services are delivered in accordance with UK GDPR and the Data Protection Act 2018.

Any access to data or systems required for migration is agreed in advance and limited to what is necessary for service delivery.

Onboarding and offboarding

At service start, scope, environments, data sources, and governance arrangements are agreed. A named delivery lead coordinates activities with buyer teams.

At service end, all agreed documentation, reports, and artefacts are transferred to the buyer, and access to systems is removed in line with agreed offboarding processes.

Service levels

This is a professional support service and does not include technical uptime or availability SLAs. Performance is managed through agreed objectives, milestones, and regular progress reviews.

Pricing and commercial model

The service is typically delivered on a time-and-materials basis using SFIA-aligned day rates. Fixed-price delivery for defined migration outcomes may be agreed where appropriate.

Invoicing is monthly in arrears.

Service constraints

- This service provides data migration analysis and support and does not include long-term hosting or live service operation
- AI-assisted techniques support analysis and validation but do not replace human judgement
- Migration outcomes depend on the quality and availability of source data
- Final decisions on migration scope, acceptance, and release remain with the buyer

Customer responsibilities

Buyers are responsible for:

- Providing access to source and target data systems
- Ensuring data is lawful to process and migrate
- Making timely decisions and approvals during migration activities

Experience

Testing Performance Limited supports public-sector organisations with complex data migration and transformation initiatives, including programmes involving cloud adoption, legacy system retirement, and data quality improvement.

References and case studies are available on request.