

Migration & Transformation – Cloud, AI & Data Platforms

Service overview

We move public sector services off legacy systems and onto AWS and Azure, and use the move to modernise. We start with an architecture review, then migrate applications, databases and property and estates systems, cleaning and restructuring data along the way. We use AI to speed up data mapping and code modernisation, and rebuild web applications in Node.js, TypeScript, Python and Ruby, following GDS standards.

What is included

- Discovery and architecture review of existing systems
- Legacy application migration to AWS and Azure
- Data migration, data cleaning and data quality checks
- Data engineering to restructure and enrich records
- AI-assisted code modernisation and data mapping
- Web application rebuilds in Node.js, TypeScript, Python and Ruby
- Property, estates and CAFM system migration
- CMS migration to Wagtail and WordPress
- Digital transformation strategy and roadmaps
- Infrastructure as code and automated deployment pipelines

How we work

Stage	What happens
Discover	We review your architecture, map systems, data and dependencies, and agree the target design and plan.
Prepare	We clean and map data, build the new environment as code, and run test migrations.
Migrate	We move services in planned phases, with checks and a rollback plan at every step.
Modernise	We retire old systems, tune for cost and performance, and hand over with documentation and training.

What you get

- Architecture review and target design
- Migration plan with risks and rollback steps
- Cleaned and validated data, with a data quality report
- New environment built as code
- Modernised web applications
- Before-and-after report on cost, performance and security

What is not included

- Licences for target platforms or tools
- Business process redesign beyond the agreed scope
- Removing hardware from your premises

Examples of our work

House of Lords Appointments Commission. We reviewed an over-provisioned, high-availability hosting set-up against real traffic and support data, then moved the service to AWS Lightsail (2023 to 2025). Hosting costs fell by 72%, response times improved by 50%, and security scans found no high or medium vulnerabilities.

Cabinet Office Digital – GRID. We designed GRID from the ground up, from Alpha and Beta to live service. It replaced a licensed analysis platform, saving about £8 million a year, and won a Cabinet Office award for the most impactful evaluation and analysis project.

About Four Seals Digital

Four Seals Digital Limited is a UK digital agency that works with the public sector. Our team of around 25 people includes solution architects, engineers, data analysts, AI engineers, business analysts, and product and delivery managers.

We have long experience of working with UK central government. We build and support web applications, data platforms and AI services on AWS and Azure.

We are certified to ISO 27001. All our staff and operations are in the UK, and we have staff with Security Check (SC) clearance.

Standards we follow

- GDS Service Standard and Technology Code of Practice
- NCSC Cloud Security Principles and Cyber Assessment Framework
- ISO 27001 information security management
- UK GDPR and the Data Protection Act 2018
- WCAG 2.2 AA for anything users see

Security and your data

We work inside your own cloud accounts wherever possible, and ask for the least access we need (read-only where that is enough). Your data stays in the UK and is handled only by UK-based staff. We do not share your data with anyone else, and we return or securely delete it when the work ends.

Starting the service

- Kick-off meeting to confirm goals, scope, contacts and ways of working
- Agree access, security clearance needs and any data sharing terms
- Agree service levels, reporting and how we raise and escalate issues
- Short discovery to confirm the plan before main delivery starts

Ending the service

- Hand over all code, documents, dashboards and configuration
- Knowledge transfer sessions with your team or new supplier
- Return or securely delete your data, and confirm this in writing
- Remove our access to your systems and accounts

Support and service levels

We offer working-hours support (9am to 5pm), extended support on working days, or 24 hours a day, 7 days a week. We agree the right level with you. Typical response times are below; resolution targets are agreed in the order.

Severity	What it means	We respond
Service down	A core service is unavailable	Immediately
Critical	Business outage or major impact on users	Within 1 hour
Urgent	Service works but is badly affected, or a time-sensitive issue	Within 2 hours
Important	Issue with little current impact on users	Within 4 hours
Monitor	No action needed beyond monitoring	Within 1 working day
Information	Request for information only	Within 1 working day

Who does what

You will:

- Give us access to the systems, data and people we need

- Name the people who can raise and approve requests
- Raise issues through the agreed route and set their priority

We will:

- Deliver the agreed work to the agreed standards
- Track every issue through to resolution and keep you updated
- Escalate problems early, through the agreed route

Contact us

Four Seals Digital Limited, Office 2, Tweed House, Park Lane, Swanley, BR8 8DT. Contact us through the Digital Marketplace to discuss your needs.