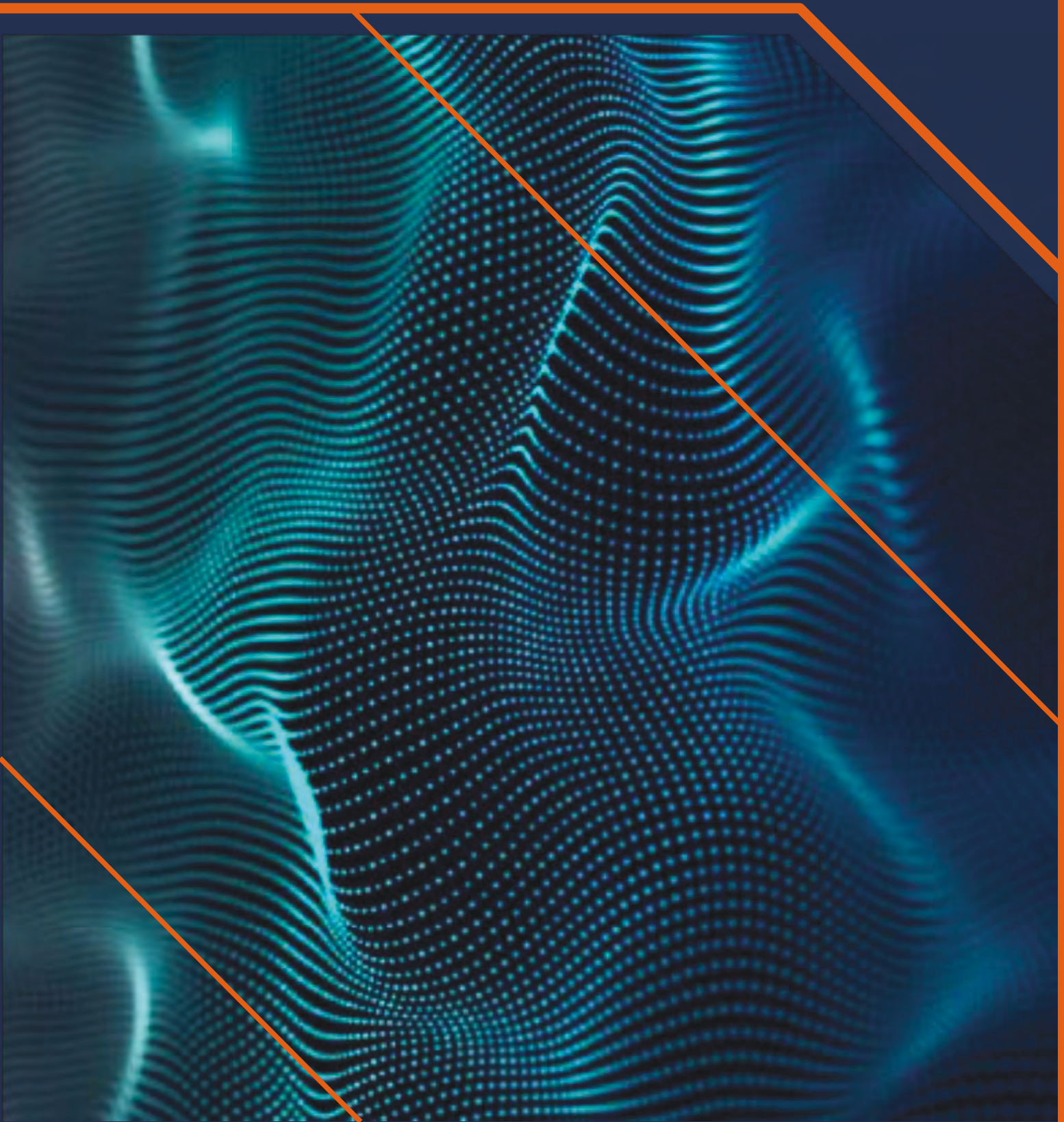




RedRock Consulting

Cloud & Infrastructure
G-Cloud 15 Services





We are RedRock

We are RedRock - a trusted delivery partner for government digital, data and technology transformation.

For two decades, we've helped public sector organisations modernise legacy services, unlock the value of their data, and design digital products that meet the expectations of citizens and the standards set by GDS. Our teams work collaboratively with departments, agencies and ALBs to solve complex problems, accelerate delivery, and build enduring digital capability.

We're platform agnostic and fiercely independent. That means our recommendations are driven entirely by your user needs, technical landscape and strategic priorities - not by vendor incentives or proprietary lockin. We focus on interoperability, open standards and longterm sustainability.

As a founder run SME, we offer exceptional value for money: flexible engagement models, transparent pricing, and experienced multidisciplinary teams who deliver at pace using proven agile, DevOps and productcentric ways of working.

Whether you need surge capacity, a delivery squad, specialist skills, or a partner to design and implement an entire capability, RedRock helps you strengthen your organisation, improve public services, and achieve measurable outcomes for citizens and society.



Ed Pikett - Chief Digital Officer and Public Sector Practice lead

Ed is a board member and RedRock's Public Sector Practice lead, having previously held senior Civil Servant positions in the Cabinet Office, 10 Downing Street, and as Digital Director at the Department for International Trade. He is a board trustee for Citizens Advice Lewisham

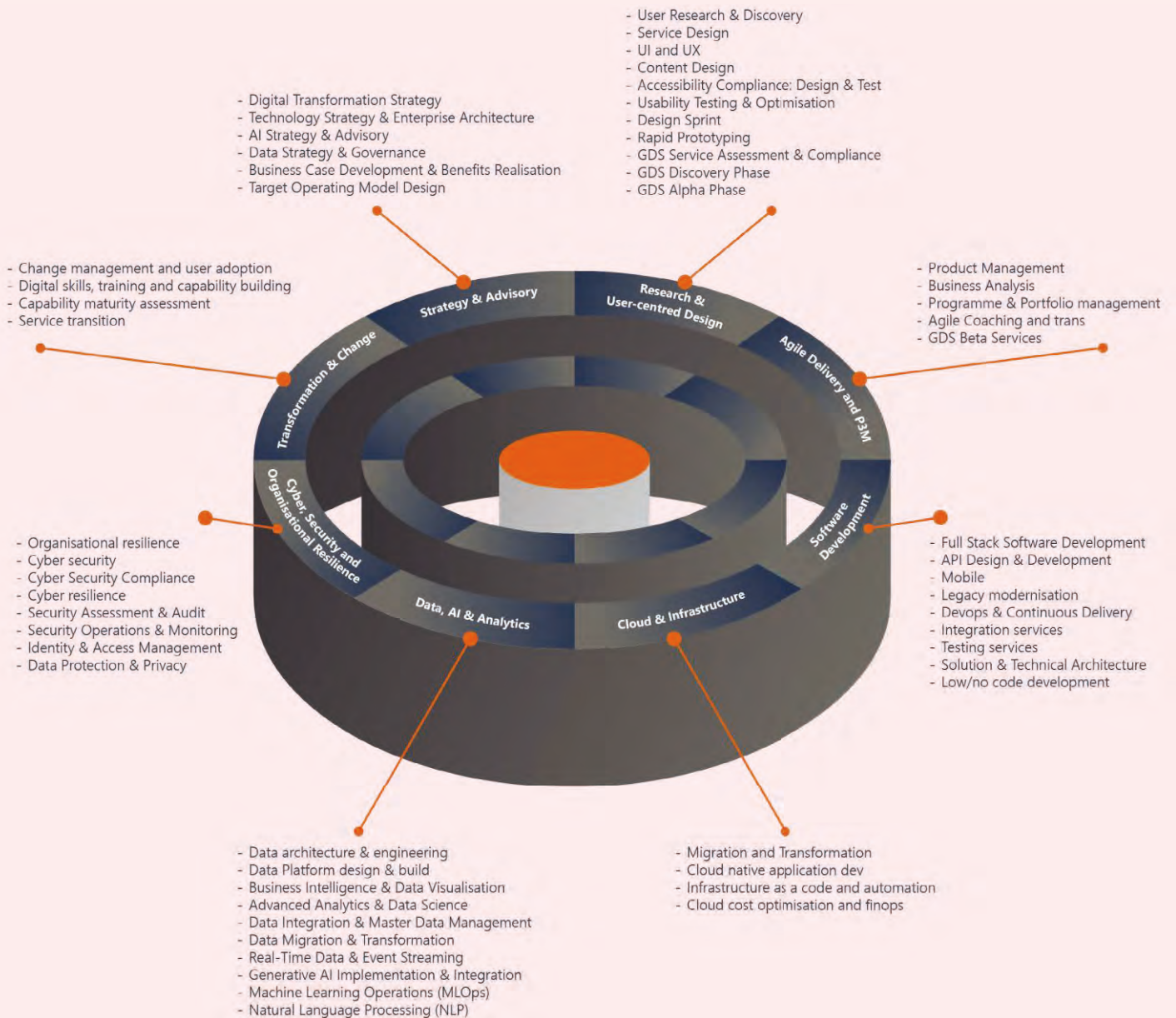
Edward Pikett Chief Digital Officer

+44 (0)7542 508660

edward.pikett@redrockconsulting.co.uk



Our Capabilities





Cloud & Infrastructure

We've been helping organisations build their technical infrastructure for over 20 years. Our design migration strategies help unlock the full benefits of AWS, Azure, and GCP. Whether you're migrating legacy workloads, building cloud-native applications, or optimising existing cloud spend, we help you create resilient infrastructure that scales with demand.

How we help

Migrate Without The Risk

We assess your applications, design practical migration plans, and carry out phased moves that minimise disruption.

Build For Cloud, Not Just In Cloud

We create containerised, microservices-based applications that automatically scale, self-heal, and lower costs.

Control and Optimise Spending

Using FinOps practices and Infrastructure as Code, we can cut cloud costs while enhancing visibility, consistency, and control.

Our approach

Multi-Cloud Expertise

We work across AWS, Azure, and GCP – selecting the right platform for your needs and avoiding vendor lock-in through portable architectures.

Automation-First Infrastructure

We provision infrastructure as code using Terraform, CloudFormation, & Kubernetes – eliminating manual errors and enabling rapid, consistent deployments.

Secure and Compliant by Design

We implement security hardening, role-based access control, network policies, and meet government cloud security requirements from the outset.



Cloud Migration & Transformation

Cloud & Infrastructure

Service Description

RedRock migrate applications and workloads to public cloud platforms (AWS, Azure, GCP) using proven methodologies that minimise disruption and maximise cloud benefits. Our cloud specialists assess applications, design migration approaches, and execute migrations that improve resilience, scalability, and cost-efficiency while meeting government security requirements.

Service Features

- Cloud readiness assessment and planning
- Migration strategy (lift-and-shift, refactor, rebuild)
- AWS, Azure, and GCP migration services
- Application containerization and modernisation
- Data migration and synchronisation
- Network design and connectivity
- Cost optimisation and right-sizing
- Post-migration optimisation and support

Service Benefits

- Reduce infrastructure costs by 30-50%
- Improve application availability to 99.95%+
- Enable rapid scaling to meet demand
- Improve disaster recovery capabilities
- Reduce data center footprint
- Enable modern DevOps practices
- Improve security posture
- Accelerate time to market for new services



Cloud-Native Application Development

Cloud & Infrastructure

Service Description

RedRock build applications designed for cloud from the ground up, using containers, microservices, and serverless architectures that maximise cloud benefits. Our engineers create scalable, resilient applications that automatically scale with demand, recover from failures, and optimise costs through cloud-native design patterns.

Service Features

- Microservices architecture design and implementation
- Container development (Docker) and orchestration (Kubernetes)
- Serverless application development (Lambda, Azure Functions)
- Cloud-native databases (DynamoDB, Cosmos DB, Cloud SQL)
- Event-driven architecture
- Service mesh implementation (Istio, Linkerd)
- Cloud-native CI/CD pipelines
- Observability and monitoring (Prometheus, Grafana)

Service Benefits

- Achieve automatic scaling and high availability
- Reduce operational overhead with managed services
- Optimise costs through pay-per-use models
- Improve resilience through distributed architecture
- Accelerate development with cloud services
- Enable rapid deployment and iteration
- Improve resource utilisation efficiency
- Support global service delivery



Infrastructure as Code & Automation

Cloud & Infrastructure

Service Description

RedRock automate infrastructure provisioning and management using Infrastructure as Code, enabling consistent, repeatable deployments across environments. Our platform engineers create Terraform, CloudFormation, or ARM templates, that version control infrastructure, automate provisioning of containerised environments, and ensure configuration consistency while reducing manual errors.

Service Features

- Infrastructure as Code development (Terraform, CloudFormation, ARM)
- Configuration management (Ansible, Chef, Puppet)
- Automated environment provisioning of containerised clusters (Kubernetes, EKS, AKS, GKE, Helm charts)
- Infrastructure testing and validation
- State management and drift detection
- Multi-cloud and hybrid infrastructure automation
- Security hardening (RBAC, Network Policies, Pod Security)
- Self-service infrastructure portals
- Infrastructure documentation generation

Service Benefits

- Reduce provisioning time from weeks to minutes
- Manage scaling and performance objectives
- Eliminate manual configuration errors
- Ensure consistency across environments
- Enable rapid recovery and disaster response
- Version control infrastructure changes
- Improve security through standardised configs
- Reduce infrastructure management overhead
- Enable self-service for development teams



Container Orchestration & Kubernetes

Cloud & Infrastructure

Service Description

RedRock design and implement container orchestration platforms using Kubernetes that enable scalable, resilient application deployment. Our platform engineers build managed Kubernetes clusters (EKS, AKS, GKE) or self-managed platforms, implementing CI/CD integration, monitoring, and security controls that enable teams to deploy containerised applications reliably at scale.

Service Features

- Kubernetes cluster design and deployment
- Managed Kubernetes implementation (EKS, AKS, GKE)
- Container registry setup and management
- Helm chart development for application deployment
- Service mesh implementation
- Kubernetes security hardening (RBAC, Network Policies, Pod Security)
- Monitoring and logging (Prometheus, ELK stack)
- GitOps implementation (ArgoCD, Flux)

Service Benefits

- Enable rapid, consistent application deployment
- Improve resource utilisation by 60%+
- Achieve automatic scaling and self-healing
- Accelerate development team productivity
- Reduce infrastructure costs through efficiency
- Enable portability across cloud platforms
- Improve application resilience and availability
- Support microservices architecture



Cloud Cost Optimisation & FinOps

Cloud & Infrastructure

Service Description

RedRock optimise cloud spending through FinOps practices that provide visibility, control, and optimisation of cloud costs. Our specialists analyse spending patterns, identify optimisation opportunities, implement cost controls, and establish processes that enable teams to make cost-aware decisions while maintaining performance and availability.

Service Features

- Cloud cost analysis and benchmarking
- Right-sizing recommendations and implementation
- Reserved instance and savings plan optimisation
- Waste identification and elimination
- Cost allocation and chargeback implementation
- Budget alerts and governance policies
- FinOps culture and training
- Continuous optimisation monitoring

Service Benefits

- Reduce cloud spending by 30-60%
- Improve cost visibility and accountability
- Eliminate waste and unused resources
- Optimise resource utilisation
- Enable accurate forecasting and budgeting
- Align costs to business value
- Create culture of cost awareness
- Maximise return on cloud investment



Modernising Digital Services Through Cloud and DevOps Transformation

The Challenge

The Insolvency Service was operating over ten business-critical digital services on legacy hosting platforms that were costly, hard to scale, and slow to change. Inconsistent engineering and DevOps practices across internal teams and suppliers further limited reliability and delivery speed.

Our Approach

RedRock supported a large-scale re-platforming programme, migrating services from legacy hosting into Microsoft Azure. We redesigned services to be cloud-native and embedded strong DevOps practices to ensure the organisation could operate, support, and improve services sustainably.

Our Solution

We modernised applications to use platform-as-a-service components, consolidated infrastructure, and implemented automated build and deployment pipelines. Shared DevOps, security, and delivery standards were established, alongside improved monitoring, support, and operational processes.

The Outcome

Over ten digital services were successfully migrated to Azure, reducing costs while improving reliability, performance, and release speed. The Insolvency Service gained consistent engineering standards and increased confidence in operating and scaling resilient digital services in the cloud.



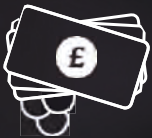
We are RedRock
Why Partner with RedRock?

Our values are rooted in excellence



Quality of Delivery

RedRock is fully aligned with the GDS Service Standard (14 points) across discovery, alpha, beta, and live phases. Our approach to delivery adheres to the Technology Code of Practice for secure, cloud-first, and standards-based delivery.



Value for Money

RedRock operates through transparent pricing models and cost controls aligned with Cabinet Office spend controls. We use HM Treasury Green Book Five-Case Model to evidence benefits and ROI.



Service Excellence

RedRock provides proactive governance, risk management, and stakeholder engagement throughout delivery. We maintain Cyber Essentials Plus certification for secure operations and supply chain assurance. We have never lost a client due to service.



Innovation

RedRock has a proven track record of embracing emerging technologies such as AI, automation, and low-code platforms to accelerate transformation. Promotes open standards and interoperability for future-proof solutions.



End-user Centric

RedRock designs services around user needs, supported by research and iterative testing. Our solutions are delivered with WCAG 2.2 AA accessibility standards in mind to ensure an inclusive digital experience.



Collaborative

RedRock fosters collaborative environments where teams share insight, expertise, and are accountable. We break down silos through co-design, joint planning, and transparent agile delivery to ensure smoother delivery, greater alignment, and achieve positive outcomes.



Partnership Charter

On every engagement we develop a partnership charter, demonstrating our commitment to ways of working. This is a co-created document setting out shared values and goals.

By agreeing these principles upfront, we create a shared foundation for transparent communication, joint decision-making and collective accountability. The charter clarifies how we work together day-to-day, including expectations around governance, cadence, roles and ways of collaborating across blended teams.

It also ensures both organisations remain aligned throughout delivery, providing a reference point to navigate challenges, maintain trust and keep focus on shared outcomes. This approach fosters stronger relationships, supports smoother delivery, and embeds a genuinely collaborative culture that endures beyond the life of the engagement.





We are RedRock

We Champion Fresh Ideas And New Technologies,

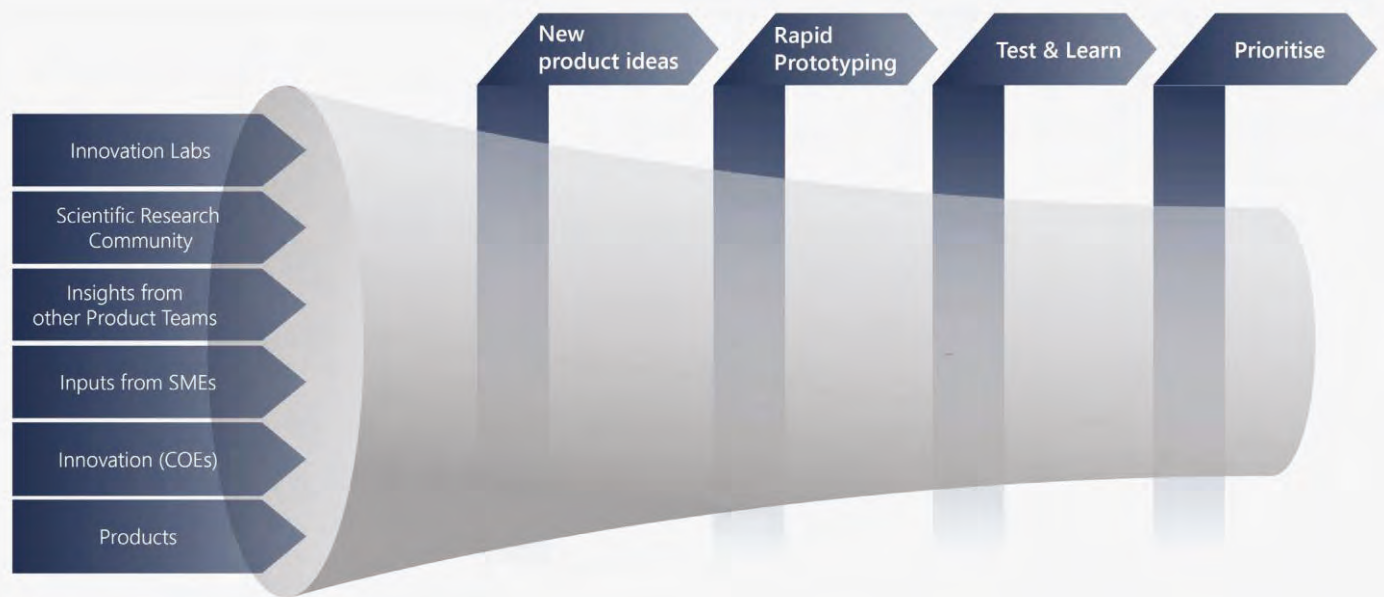
Innovation is at our core

The Government defines innovation as **'the creation and application of new knowledge to improve the world'**

We go beyond pilots, projects and labs. We build the skills and culture that help organisations to innovate because good ideas cannot flourish in a hostile environment.

Our clients value RedRock for our willingness to:

- Disrupt and challenge the status quo, while being humble and integrative
- Make decisions in the face of uncertainty, legitimised through a process of test of learn
- Provide and follow a clear plan of action, while adapting to and improvising for the unexpected
- Explore new possible futures, while focusing on outcomes and committing to real-world effects
- Keep the big picture in mind while also considering citizens' needs at an individual level; being reflective and critical while having a strong bias towards action





What we care about

We care deeply about our home city and hire accordingly to ensure that we are a true representation of Bristol and its diverse communities. At the core of our values is delivering positive change holistically. We embed Corporate Social Responsibility into how we operate, ensuring we deliver commercially while creating positive societal impact.

Through our Triple Bottom Line approach, we measure performance across economic, social and environmental factors. We promote an inclusive culture, respect for the environment, and a strong, supportive community.

Equality

RedRock believes diversity is a strength. We are signatories of the Race at Work Charter, Women in Tech, and the Armed Forces Covenant. We are committed to equality in employment, skills, and pay, and we support disabled people, women, LGBTQ+ communities, ethnic minorities, ex-offenders, people facing homelessness, and those from diverse socio-economic backgrounds.



Well-being

Our team are our identity and their wellbeing is paramount. We are always working towards improving how we support them. Since winning the Best Companies Small Business award in 2021, we have increased the wellness fund available to all our staff and now have five mental health first-aiders.



Sustainability

Since first reporting our carbon emissions in 2019, RedRock has taken a holistic approach to achieving our ambitions of being carbon neutral by 2026. In this time, we have reduced our emissions by 87.5% and are confident of hitting our goal.



Community

Our local community matters to RedRock. We've built strong partnerships with Bristol-based charities, including funding 16 places for young people facing socioeconomic disadvantage on the Empire Fighting Chance programme. We also prioritise buying and hiring locally: 24% of our suppliers are within three miles of our office, and 78% of our team live within ten miles.





G-Cloud 15 Services Overview

Our services taxonomy is designed to deliver maximum value

Strategy & Advisory

- Digital Transformation Strategy
- Technology Strategy & Enterprise Architecture
- AI Strategy & Advisory
- Data Strategy & Governance
- Business Case Dev & Benefits Realisation
- Target Operating Model Design
- Capability as a Service

Research & UCD

- User Research & Discovery
- Service Design
- User Experience (UX) Design
- Content Design
- Accessibility Compliance: Design & Test
- Usability Testing & Optimisation
- Design Sprint
- Rapid Prototyping
- GDS Service Assessment & Compliance
- GDS Discovery Phase
- GDS Alpha Phase

Agile Delivery

- Product Management
- Business Analysis
- Programme & Portfolio Management
- Agile Coaching & Transformation
- GDS Beta Phase

Software Dev & Engineering

- Full-Stack Software Development
- API Design & Development
- Mobile Application Development
- Legacy Modernisation & Re-engineering
- DevOps & Continuous Delivery
- Integration Services
- Testing Services
- Solution & Technical Architecture
- Low/No Code Development

Cloud & Infrastructure

- Cloud Migration & Transformation
- Cloud-Native Application Development
- Infrastructure as Code & Automation
- Container Orchestration & Kubernetes
- Cloud Cost Optimisation & FinOps

Data, AI & Analytics

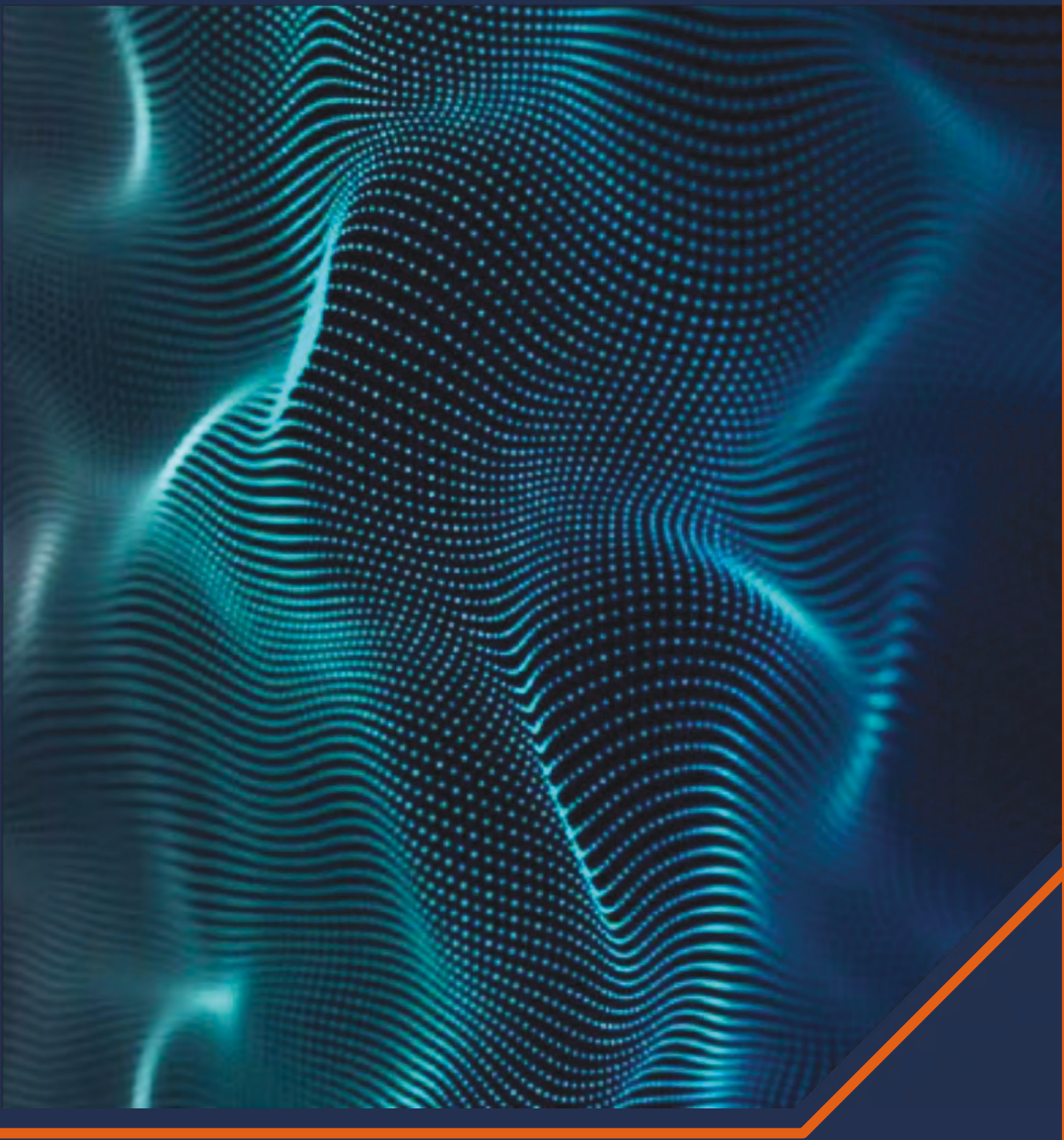
- Data Architecture & Engineering
- Data Platform design and build
- Business Intelligence & Data Visualisation
- Advanced Analytics & Data Science
- Data Integration & Master Data Management
- Data Migration & Transformation
- Real-Time Data & Event Streaming
- Generative AI Implementation & Integration
- Machine Learning Operations (MLOps)
- Natural Language Processing (NLP)
- Intelligent Process Automation (IPA)

Cyber, Security & Organisational Resilience

- Cyber, Security & Organisational Resilience
- Organisational Resilience
- Cyber Security
- Cyber Security Compliance
- Cyber Resilience
- Security Assessment & Audit
- Security Operations & Monitoring
- Identity & Access Management (IAM)
- Data Governance & Privacy

Transformation & Change

- Change Management & User Adoption
- Digital Skills, Training & Capability Building
- Benefits Realisation & Value Management
- Service Transition



General Enquiries

t: +44 117 317 1300

e: bids@redrockconsulting.co.uk

w: redrockconsulting.co.uk



RedRock