Pioneers of High-Performance Computing & AI solutions for a stronger future

Red Oak Consulting

RO MS MANAGED SERVICES

The UK's leading digital transformation consultancy, specialising in High-Performance Computing, AI, and Cloud technology. Our expert team collaborates with you to achieve your digital transformation goals. By understanding your unique requirements, objectives, and challenges, we create customised roadmaps and solutions for an integrated High-Performance, AI, and Cloud Computing service. With a focus on scalability and future readiness, we ensure your business is prepared for both current and future success.

Shaping the future landscape

Our team of highly skilled specialists have a combined expertise spanning more than 100 years. From researchers to computational chemists to engineers our experts continue to guide organisations through all stages of their digital transformation.

Strategy
- Cloud & HPC Vision
- Roadmap
- Cost Analysis & TCO
- Business Case
- Investment Strategy
- Procurement
- Requirements Capture
- Stakeholder Engagement
- Funding Models

Design
- Cloud Architecture
- System Design
- Benchmarking
- Workflow Optimisation
- Workflow Analysis
- Pilots and Proofs-of-Concept
- Compute & Storage
- Application Optimisation

Delivery
- Project Management
- Supplier Management
- Installation
- Configuration
- Solution Build
- Testing
- Migration
- Decommissioning

Operations
- Transition Management
- Knowledge Transfer
- Managed Service
- Hypercare
- Sys Admin Support
- Research Engineering

Optimisation & Expansion
- Workflow Analysis
- Data Analysis
- Benchmarking
- Cost Analysis
- Solution Tailoring
- Customised Reporting
- Real-Time Analytics

A preferred provider for everyone, trusted by many, and respected by all

> *Red Oak Consulting have been vital to solving some of our most complex challenges. Their extremely capable staff bring an unmatched breadth of experience across the Cloud and HPC landscape and seamlessly worked as part of the Met Office team. Red Oak has shaped and influenced our strategic outlook and enabled us to be prepared for significant changes in how the Met Office delivers its HPC."*

Met Office

Case Studies

Met Office — LR — KAUST — res power for good — UNIVERSITY OF HULL — Swansea University Prifysgol Abertawe

Expert advice, exceptional delivery

Why customers choose Red Oak Consulting

- UK's leading High Performance, AI & Cloud Computing Consultancy Firm.
- Proven skill with the intersection of technology and research.
- Unrivalled knowledge of the Research Community including numerical & climate models, CFD/FEA codes and Data Science applications.
- Extensive experience of computational research, researcher engagement, Research Software Engineering and Cloud/ DevOps Engineering.
- Holistic approach delivering solutions for the entire life span of High-Performance Computing, guaranteeing the successful implementation of an integrated solution.
- Leaders in delivering sustainable projects that reduce your carbon footprint and save on costs.
- Creators of TCO Modelling delivering accuracy and transparency in operational costs.
- Well-founded proficiency in executing digital transformation creating business advancement.
- Accomplished in business case, benefits realisation and financial management, the solid foundation behind all HPC investment.
- Unparalleled insight into delivering computing results beyond expectation.
- A renowned and trusted resource helping companies propel themselves to achieve their HPC aspirations.
- Proven in expert and professional advice forging long-term strategic relationships.
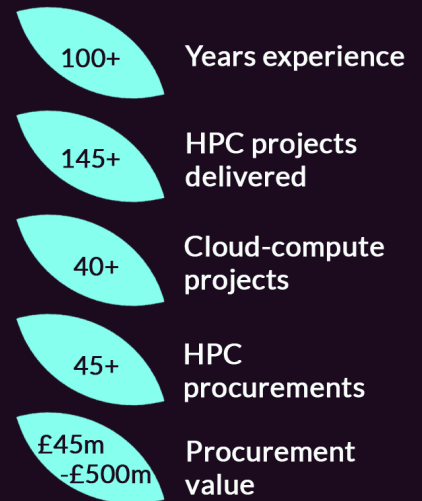- Successful deployment of HPC and Research Computing solutions.

Our Values
Our business success has been built on our core values: Professionalism, Integrity, Expertise, Customer First, Reliability and Trust.

Proof & Statistics

Our deep expertise and extensive experience is highlighted in the breadth of our client work:

- 100+ Years experience
- 145+ HPC projects delivered
- 40+ Cloud-compute projects
- 45+ HPC procurements
- £45m -£500m Procurement value

Our clients choose us because they can trust us to deliver value *every time*

- 100% client satisfaction
- 100% client retention
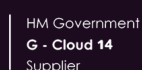- 99% on-time delivery

Our Promise
We are a business focused on our customers: We always aim to deliver with professionalism and integrity so that our customers trust us and value our expertise.

"I highly recommend ROMS for their exceptional HPC (High-Performance Computing) support services. From the moment we engaged with them, their professionalism and expertise were evident."

Lloyd's Register

CYBER ESSENTIALS CERTIFIED PLUS

Microsoft CERTIFIED AZURE SOLUTIONS ARCHITECT EXPERT

Microsoft CERTIFIED AZURE SECURITY ENGINEER ASSOCIATE

bsi. ISO/IEC 27001 Information Security Management

bsi. ISO 9001 Quality Management

GOV.UK HM Government G - Cloud 14 Supplier

HPC·AI ADVISORY COUNCIL NETWORK OF EXPERTISE

Expert advice, exceptional delivery