

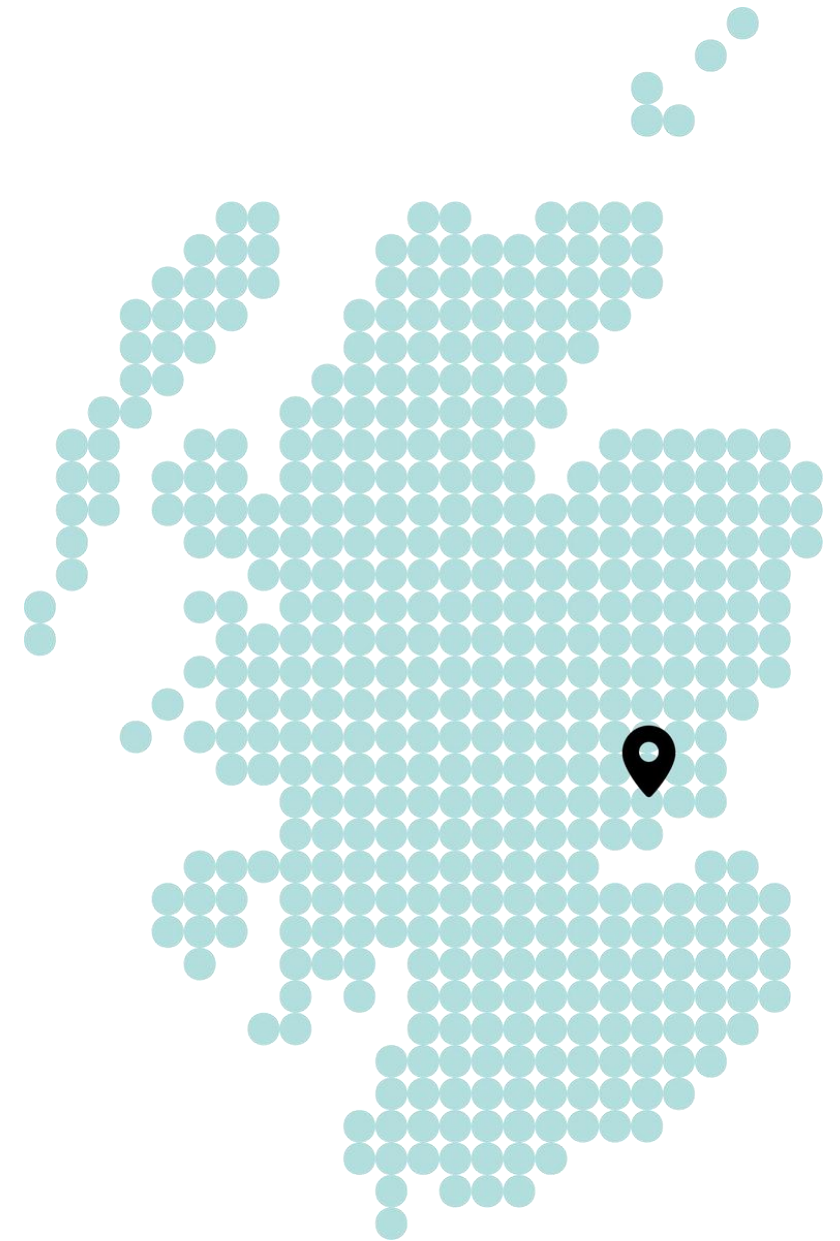
GCloud 15 Lot 3 Services



Experts in Cloud Engineering Service Design & Data and AI

We are an ISO27001, ISO9001, ISO14001 and Cyber Essentials Plus certified Scottish-based company that delivers user-centric software solutions, driving digital transformation for public and private sector clients. Our expertise includes citizen-centric service design, digital transformation projects, data management, cloud architectures, artificial intelligence and software development.

Our experience and deep understanding of the public sector with a particular expertise in digital service standards makes us a trusted partner for government agencies and organisations seeking to enhance their digital services.



Ember are always trying to push the boundaries of technology and of what's feasible and what's possible. That's an attitude I love. I love pushing the boundaries of what's possible and never settling for 'good enough'





Cloud Infrastructure Design and Architecture Services

Find out more on Ember by visiting: www.ember.ltd

Cloud Infrastructure Design and Architecture Services

How we can help

Legacy and evolving cloud architectures can become difficult to manage as services scale and requirements change.

Without regular review and assurance, architectural weaknesses introduce security, resilience and performance risks.

Many organisations lack the time or expertise to assess and evolve live architectures safely.

We support organisations in maintaining secure, resilient and scalable cloud architectures.

Our service provides ongoing architectural assurance and guidance, helping teams evolve live platforms safely while addressing technical debt and emerging risks.

Our Cloud Infrastructure Design and Architecture Services

- Review live cloud architectures
- Identify resilience and security risks
- Assess scalability and capacity
- Highlight technical debt issues
- Evaluate change impacts
- Define reference architecture patterns
- Review network and connectivity design
- Assess logging and observability
- Update architecture documentation
- Support safe architectural evolution

Cloud Infrastructure Design and Architecture Services

We support and assure live cloud architectures, ensuring they remain secure, scalable and fit for purpose. This service focuses on operational architecture rather than new build, addressing technical debt and evolving requirements.

Features

- Operational architecture reviews for existing platforms and service estates
- Resilience assessment: single points of failure, recovery paths & dependencies
- Security alignment checks against organisational standards and NCSC guidance
- Scalability & capacity planning guidance for forecast demand
- Technical debt identification with prioritised backlog
- Change impact assessments for proposed platform or supplier changes
- Reference architecture patterns for repeatable, supportable cloud designs
- Network and connectivity reviews including segmentation and secure access patterns
- Logging/monitoring architecture review
- Architecture documentation updates

Benefits

- Improves long-term reliability and reduces the risk of major outages
- Supports safe scaling to meet demand without service degradation
- Strengthens security by aligning architecture to best practice and policy
- Reduces cost and complexity by addressing technical debt
- Improves confidence in change by understanding impacts and dependencies
- Creates repeatable patterns that accelerate future work and reduce rework
- Enhances observability so issues are detected and diagnosed faster
- Improves audit readiness through clear, current architecture documentation
- Reduces vendor and platform risk through well-understood design choices
- Extends platform lifespan by keeping architecture fit for purpose



For all questions and queries related to our pricing,
please contact frameworks@ember.ltd

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