

G-Cloud 15 Service Description

AI Proof of Concept Development

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Develop AI proof of concepts using cutting-edge technologies, including generative AI. Use case refinement and rapid prototyping allows organisations to demonstrate the practical viability and benefits of AI solutions needs. We focus on quick deployment and iteration to validate concepts and assess their potential impact on organisational processes.

What is the Service

Our AI Proof of Concept Development service provides public sector organisations with a tailored exploration and testing platform for AI-driven solutions, leveraging a variety of the latest AI technologies. Our process includes ideation, prototype development, initial testing, and iteration based on feedback, all grounded in real-world application in public services.

We utilise a mix of advanced AI frameworks and models, including Hugging Face, Spacy, NLTK for natural language processing tasks, Azure OpenAI, Azure ML Studio, LLama and Mixtral for generative AI and machine learning tasks, and YOLO, Pytorch and Tensorflow for tasks requiring visual processing and deep learning. The service also explores the use of Azure AI for seamlessly integrating with existing Microsoft infrastructure, providing a robust environment for developing, testing, and iterating AI solutions.

This comprehensive approach allows for the rapid prototyping of applications that can handle a range of tasks from data analytics and pattern recognition to automated decision-making and interactive customer service.

Our team supports all stages of prototype development—from initial concept, through development and testing, to final assessment—ensuring each proof of concept is practical, scalable, and aligned with public sector needs and regulations.

What can it do for you

Developing AI proofs of concept enables your organisation to explore innovative solutions to complex challenges, such as resource allocation, service delivery optimisation, and enhanced citizen engagement, without the upfront commitment of extensive resources.

This service enables you to experiment with AI technologies in a controlled environment, providing insights into how AI can solve specific challenges before committing to a full-scale implementation. It helps reduce risks associated with new technology adoption and supports informed decision-making based on the outcomes of the proof of concept.

By demonstrating tangible benefits, the service facilitates strategic planning and potential scale-up of AI initiatives.

Service Features

1. Selection of cutting-edge AI technologies suitable for your organisation's needs
2. Quick development and deployment of AI prototypes
3. Integration with existing IT infrastructure
4. Performance evaluation against predefined objectives
5. Agile development approach for rapid iteration
6. Expert guidance on AI technology application
7. Comprehensive reporting on prototype performance and potential
8. Support for data management and model training
9. Advice on scaling successful AI solutions
10. Customisation of AI applications to fit organisational requirements

Service Benefits

1. Demonstrates the feasibility of AI applications in real-world scenarios
2. Provides early insights into the potential ROI of AI projects
3. Minimises investment risks by validating concepts before full deployment
4. Accelerates the learning curve associated with AI technologies
5. Supports strategic decision-making with empirical data
6. Enhances confidence in pursuing larger-scale AI initiatives
7. Optimises the integration process for new technologies
8. Encourages innovation and experimentation within your organisation
9. Facilitates the adaptation of AI solutions to specific operational needs
10. Offers a clear pathway from concept testing to full-scale implementation

Contact details

End-to-end transformation and innovation experts

Applying our skills in innovation and collaboration from across the Methods Group, to deliver end-to-end business and technical solutions that are people-centred, safe, and designed for the future.

Methods provide collaborative and innovative solutions to help Central Government adapt to the changing landscape and deliver better outcomes for citizens.

With a focus on driving interoperability and innovation in UK Central Government, we have helped multiple organisations in the sector modernise their IT architecture, systems, strategy, and operating models to improve organisational resilience and service delivery.

Methods deliver wide-ranging services and thought leadership to support delivery including:



Onboarding and offboarding process



Ordering and Invoicing

Once we have agreed a Statement of Work(s) we will sign the appropriate agreement and complete a Call Off contract with an attached Statement of Work(s), and submission of a Purchase Order. We will then set up a mutually acceptable start date and commence work.

Payment terms are 30 days or less as may be agreed.

Please note - we are unable to accept Government Procurement Card (GPC) payments.



Customer Responsibilities

For any given requirement, we will identify any dependencies on the customer (e.g. access to key stakeholders, facilities, documentation, etc.) and agree these at the start of the work.

Making a difference

The work we do each day is focused on delivering a positive difference for the public sector for the benefit of society as a whole.



Customer stories



Cloud Hosting & Service Modernisation

Modernised digital services using secure cloud hosting, streamlined legacy workflows, and improved data insights. Delivered faster decisions, reduced manual effort, and a more transparent, **user-friendly experience** for internal teams and external users.



Cloud-Based ITSM Consolidation

Unified multiple service desks onto a cloud-based ITSM platform, standardising processes and automating workflows. Improved incident, change, and problem management, **boosting overall service reliability, efficiency, and organisational visibility.**



Large-Scale Cloud Migration (100+ Apps / 120TB)

Delivered cloud migration of **100+ legacy applications** and **120TB of data** with **100% availability.** Strengthened compliance, improved transparency, and significantly enhanced operational resilience across critical digital services.



Azure Migration & Modern Workplace Enablement

Migrated data centres to Azure and deployed modern workplace cloud services, delivering secure, scalable infrastructure. Achieved improved user experience, strengthened security posture, and **£1m savings** - all with zero service disruption.



Cloud ITSM Migration (ServiceNow SaaS)

Successfully migrated from a legacy ITSM tool to a modern, cloud-based ServiceNow platform. Delivered scalable, robust service operations, strengthened governance, and enabled faster, more consistent digital service delivery across the organisation.



Cloud-Native Data Pipelines (Azure Integration)

Built automated Azure Data Factory pipelines into a Lakehouse architecture, using Bronze/Silver/Gold layers and Delta with CI/CD. Delivered secure daily refreshes, improved data quality, lower manual effort, and more efficient reporting.

