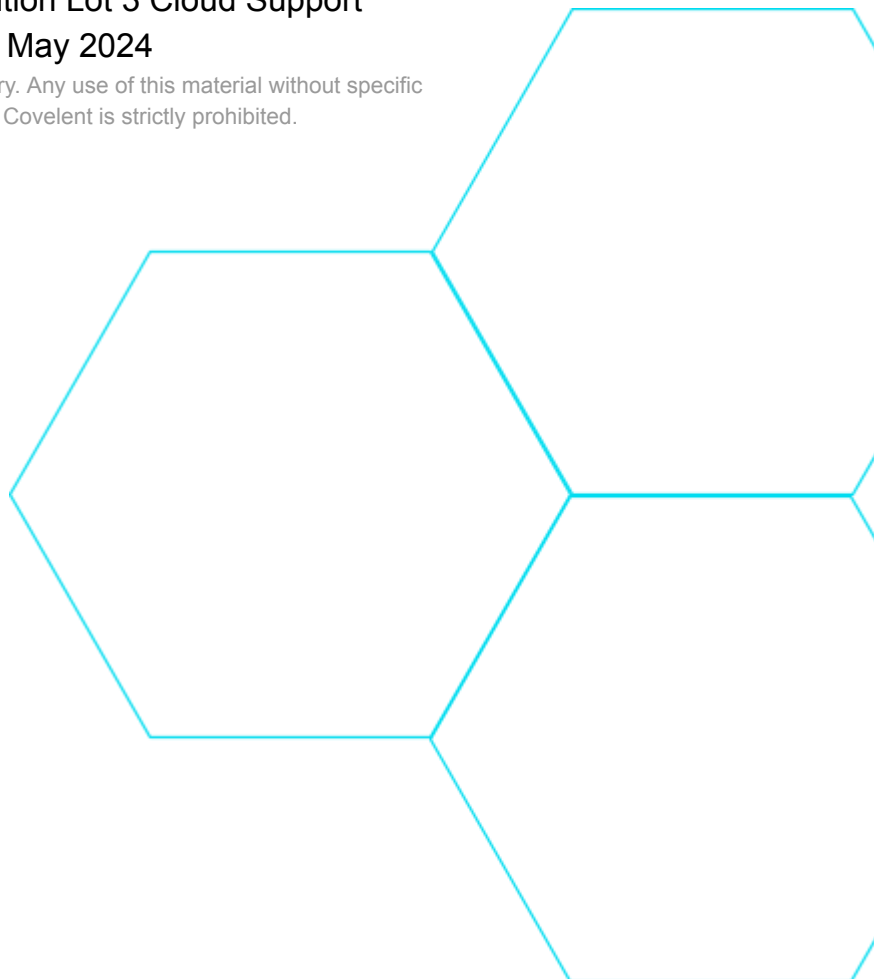


Covelent.

G-Cloud 14 Artificial Intelligence AI for Cloud

Service Definition Lot 3 Cloud Support
May 2024

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1. Who are Covellent?

We understand the challenges you're facing:

Services are expected to be readily available in the cloud, user-friendly, and cost-effective. Globally, governments are utilising advanced technologies to enhance their existing services and launch new ones, with the UK often at the forefront.

Despite significant progress in the cloud journey, many departments and public agencies have yet to fully exploit the potential of cloud computing, big data, and artificial intelligence. Addressing a number of pivotal questions will help maximise these technologies:

- How to revise your cloud strategy to achieve cost savings
- How to meet the needs of an increasingly mobile and tech-savvy population while ensuring access to services
- How to utilise the vast amounts of data generated daily to improve service quality and public experience, using big data analytics and AI
- How to secure expertise in cloud computing, big data, and AI from global firms and SMEs
- How to manage these advancements given the tight constraints on public budgets

Covellent is an innovator in providing integrated solutions in cloud computing, big data, and AI for both the public and private sectors. Our Technology and Data and Analytics Practices further extends our offerings with a comprehensive range of services. We bring access to Covellent's unequalled and bleeding-edge global network, which includes:

- A network of over 2,000 industry leading consultants and subject matter experts across 80 fields in 15 functional areas and 9 dedicated service and capital intensive industry sectors
- Consultants on 6 continents, spanning all major regions

Introducing Covellent

Covellent are an independent specialist growth strategy management consultancy based in London. Wholly dedicated to service and capital intensive industries such as the public sector. We differentiate ourselves by focussing on delivering meaningful impact and lasting tangible value by operating at the forefront of innovation and strategic thinking. We advise at the executive level across industries (multinationals, governments, NGOs..) addressing their most pressing issues.

Data and insight are built into every decision we make and across our extended network of consultants, we leverage industry leading expertise and bleeding edge thinking into technology, cloud and AI to deliver superior outcomes across design thinking, cloud and AI technologies, big data and agile delivery.

Our unique and differentiated approach to delivering tangible and outsized client value is underpinned by our ability and agility to orient on what matters most, enabling for quick and efficient delivery of high-quality solutions.

Our consultants have experience delivering:

120+ cloud based applications for public and private sector clients

80+ mobile apps

50+ cloud-based data and analytics projects

30 leading AI integrations

8 privately trained and tuned large language models (LLMs)









We are extremely grateful for the work you undertook, the support you gave us and the significant outcomes you have delivered

- Public Sector CFO

2. What capabilities do we provide?

Our work ranges from rapid prototypes to full-fledged cloud-based enterprise systems and functional, needle-moving AI integrations. We also provide a range of advisory services and big data analytics.

	Cloud, data & AI capabilities		Our outcomes
	Innovation	Create fully-operational cloud-based and AI platforms for client organisations	AI integrations Process automation Cloud-native simulations Digital fixes
	Inspiration	Ideation to allow rapid prototyping and reduce time to defining solution	Cloud-native dashboards Customer experience improvements Calculator type templates
	Agility	Quickly build cloud-based apps for data collection, visualisation, and automation	Automated data collection reporting Cloud-native dashboards Hi-end data visualisations
	Advice	Build agile and cloud capabilities of clients to enable delivery of cloud-based platforms using agile methods	Strategy formulation Agile training Agile and cloud transformation Digital channel diagnostics Business Analysis Programme Management
	Analysis	Custom-made cloud-based data-analytics solutions , from hosting and modeling to building big data capabilities for clients	Data model definition and implementation Productisation of existing data models Cloud-native analytics solutions
	Production	Production ready digital products and solutions that leverage AI, the cloud and get the most out of your data	Cloud-native digital products Custom software and tooling Private large language models Big data engines

3. How are we different?

Covelent thinks differently. And we operate a lean impact-driven team, oriented around three key principles.



Hiring only the top talent

- We hire the top thinkers and doers from world-leading tech companies and start-ups
- The combined digital experience of an average Covelent team is 40+ years
- We have experts in UX/UI, web, cloud, big data, agile, AI and strategy



Boutique levels of agility and flexibility

- As a boutique we can out-maneuvre and out-position our competition
- We operate with a high degree of efficiency and can reorient at a moments notice
- **For one public sector client we delivered £35m in savings over a 12 week engagement**



Building client capabilities

- Knowledge retention and transfer are core to our deliveries and we pride ourselves on placing strong emphasis on ensuring that our clients teams are brought along on the journey. We build wiki's, hold classroom and 1-2-1 training sessions and provide detailed documentation, walkthroughs and recordings to support your new capabilities.



What you have enabled us to do, with the constraints we had, in the timeframe afforded, was nothing short of sensational.

- Chief Executive Officer

4. How do we deliver AI for Cloud

Our Capabilities

We recognise the complexities of developing and deploying AI products, especially when it comes to building and fine-tuning custom-trained large language models (LLMs), and the pressure to achieve significant results efficiently.

Our AI Solutions and Implementation capability allows organisations to quickly prototype AI models, fine-tune LLMs, and integrate AI-driven applications. This accelerates both the development process and the realisation of value from AI investments.

Our expertise includes:

- Rapid, platform-agnostic development and deployment of AI models
- Incorporating best practices in AI design and engineering processes
- Re-engineering processes through AI and automation
- Creating tailored AI solutions, including integration with existing systems and tools

Our Approach

We deploy expert technologists, including designers, architects, data scientists, and AI specialists with an average of 10+ years of experience, working in compact teams of 3-6 members. This structure allows for the rapid and efficient development and deployment of AI-driven products, including the building and fine-tuning of custom-trained large language models (LLMs).

Team Composition:

- A unique mix of talents across disciplines, including cloud and digital experts available across time zones for overnight work, ensuring continuous progress and quicker turnarounds.

Project Timelines:

- Typical project durations range from 4 to 10 weeks, utilising our agile approach to deliver high-quality AI applications swiftly.
- Our iterative collaboration with stakeholders facilitates rapid cycles, ideal for quick value delivery and immediate impact.

Product Delivery:

- Highly interactive development process enables beta testing of AI applications with select user groups.
- Focuses on integrating the highest value features to enhance client capabilities.

- Provides 'live demos' showcasing different AI functionalities and potential new ways of working, boosting stakeholder understanding and engagement.

Our approach, blending AI development with agile methodologies and cross-disciplinary expertise, accelerates the design, implementation, and integration of AI solutions, ensuring that organisations capture substantial value swiftly and effectively.

Project Plan

Every client challenge is unique. However, we have outlined an illustrative 6-week project below.

Phase 1: Kick-off and Discovery (1 week)	<ul style="list-style-type: none"> • Facilitate a workshop to define the 'MVP' (Minimum Viable Product) alongside the client's Product Owner. • Create wireframes and manual mock-ups for review. • Collaborate with client architects to determine back-end system integration requirements.
Phase 2: Build & Test (2-4 weeks)	<ul style="list-style-type: none"> • Deploy a 'clickable' version of the application to the cloud • Conduct a sprint retrospective with the client. • Host a review session with the client, including a demonstration of the prototype, and gather feedback. • Hold a training workshop with the Product Owner. • Complete the initial integration with the back-end system • Update the UI and navigation based on client feedback. • Conduct ongoing user testing and address any bugs identified. • Provide training sessions on cloud engineering and DevOps practices to the client teams.
Phase 3: Finalisation (1 week)	<ul style="list-style-type: none"> • Implement additional changes to the application UI • Conduct final testing and address any remaining bugs to prepare for scaling up. • Deliver the completed application along with a cloud playbook to the client. • Conduct handover and training sessions with the client's digital and cloud teams.

5. How you can contact us

We can help you solve your digital, cloud, data and AI challenges without imposing pre-defined solutions and whilst working within your environments. We are available to help you find the right approach and right solution to deliver impactful outcomes.

Contact us to explore how we can help you.

For the absolute fastest response: gcloud@covelent.com

For specific queries relating to our Digital & Technology and Public Sector services:



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For more information on Covelent visit our website:

<https://www.covelent.com>

<https://www.covelent.com/focused-capabilities/digital-technology>

<https://www.covelent.com/industries/public-sector>