

Google Distributed Cloud (GDC) G-Cloud 15





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1 Service Overview

Most of the activities and solutions described throughout this offer can be ordered separately as smaller “**standalone**” engagements/work packages (“**modular**” approach). For this offer, Google Cloud Data Boundary, Google Distributed Cloud (GDC) Connected and Google Distributed Cloud Air-Gapped (GDC-AG) can be considered for which best meets your needs; specific details will be agreed collaboratively to design the ideal solution for your requirements. Within the GDC partner ecosystem, Capgemini is positioned to support you, whether you need a Transformation Partner or an Operator, we can deliver value across the entire lifecycle.

Our modular services are designed to be flexible, allowing you to select only what you need. These optional engagements include:

- **Strategic Planning:** Developing the business case for GDC and defining digital transformation and mission modernisation strategies.
- **Hosting and Sandbox:** Hosting a shared or dedicated GDC in a data centre with managed access, or running a Proof of Concept (POC) in a sandbox environment.
- **Design and Migration:** Designing secure GDC deployments and migrating existing services and applications onto the GDC (Connected or Air-Gapped) platform, including application modernisation, and re-platforming to cloud-native patterns.
- **Operations and Management:** Operating workloads on GDC, partnering with you to manage the environment. This can include platform and application administration, on-going security planning and support for accreditation and assurance processes.

Capgemini has been an effective partner to public sector clients for many years, particularly within the Defence and Intelligence sectors, where Air-Gapped and Cloud Data Boundary solutions are often required. We understand the key priorities, such as consistency of service, total cost of ownership (TCO) reduction, non-negotiable sovereignty requirements, and the need for enhanced reliability, security, and time to market. Combining our experience, comprehensive expertise, and ability to deliver in large, complex enterprises provides you with a partner who demonstrably understands the Buyers’ needs.

2 Business Need

Organisations, particularly in the public sector and regulated industries, are under pressure to modernise their infrastructure to support digital transformation, advanced analytics, and AI-driven services. However, they must do so while adhering to strict data sovereignty, security, and operational resilience mandates. Traditional on-premises infrastructure can be slow to evolve, while public cloud solutions are not always suitable for workloads that must remain isolated or operate at the edge.

Our service offerings can help your organisation address the following business needs:

- **Data Sovereignty and Regulatory Compliance:** For organisations handling sensitive data, our service provides a sovereign deployment option that meets strict data-residency and control requirements. An Air-Gapped IaaS/PaaS environment ensures data and operations remain within defined national and physical boundaries.
- **Enhanced Security and Control:** Our Service enables a “Cloud at Secret” posture by allowing full operational control within your trusted environments. Security posture can be strengthened by integrating an external keystore or Key Management Service (KMS), ensuring exclusive control of cryptographic keys.
- **Modernisation without Compromise:** Our service enables organisations to modernise applications and without compromising security or sovereignty. Cloud-native patterns and Google’s innovative services adopted directly in your Data Centre (Cloud on Prem), within a co-location facility such as Crown Hosting (CHS), or within a shared high-integrity environments for high-trust workloads.



- **Performance and Low Latency:** For latency-sensitive applications, our service brings compute closer to where data is generated and processed. This is critical for edge use cases, real-time analytics, and services that cannot tolerate the latency of connecting to distant public cloud regions.
- **Operational Resilience:** Local deployment reduces dependency on external networks and services, strengthening business continuity capabilities. Our build-out approach provides a robust, resilient platform for mission-critical workloads.

Our service allows organisations to harness Google's innovation, securely extend cloud capabilities, while meeting the most demanding security and sovereignty operational requirements.

3 Our Approach

3.1 Service Description

Capgemini delivers single-tenant and multi-customer Google Distributed Cloud (GDC) solutions, for both Connected and Air-Gapped implementations, that align with Google's, the UK Government's, and industry best practices and frameworks. Our approach is based upon Secure-by-Design to provide a robust foundation for GDC adoption and embedding governance, security controls, and operational guardrails from the outset.

Google Cloud Data Boundary, GDC Connected, and GDC Air-Gapped extend Google's platform services directly into your data centres or edge environments, supporting low-latency processing, strict data-residency requirements, and a fully managed environment that reduces operational risk and downtime. To achieve this, we leverage a portfolio of proven, reusable accelerators designed to shorten deployment cycles for sensitive workloads.

Capgemini considers the appropriate level of security and privacy to be critical aspects of any solution. We will work with you to evaluate and categorise the security and privacy requirements early in the engagement. This enables "secure by design" and "privacy by design" principles are embedded across solution design, delivery, engineering processes and operational models, all of which directly influence the GDC environment design.

Key components of our approach includes:

- **Strategic Planning:** We partner with you to build a robust business case, Bill of Materials and roadmap for adopting Google Distributed Cloud. This service ensures your investment is aligned with strategic goals for digital transformation and modernisation. This can include developing a TCO modelling, phased adoption roadmaps and risk assessments to maintain alignment with your digital transformation goals.
- **Infrastructure Accelerators:** We provide expert advice to procure, set up and manage your GDC hardware, software and services, ensuring alignment with your business objectives and regulatory standards. This establishes best practices for security, governance, and cost optimisation, creating a strong foundation for subsequent work.
- **Platform Accelerators:** We harness modern platform, software and data engineering practices to automate the provisioning and deployment of Platform services on GDC, using Google Cloud and partner tooling. This includes integration and interoperability with high-integrity environments for high trust workloads. We can embed vulnerability scanning tools into integration pipelines to perform dynamic scanning to ensure OWASP-aligned API and UI security, and automate application according to your governance model.
- **Operations and Management:** Once your GDC platform is operational, we offer flexible operational support tailored to your needs. We can operate workloads on your behalf, partner with your teams to co-manage the GDC environment. Our services can include infrastructure, platform and application administration, continuous security planning, observability, open-data and API management, and proactive performance optimisation. We can define Service Level Agreements (SLAs) covering critical areas such as platform uptime, incident response, patching and other mission-critical areas.

These capabilities enable secure integration with existing systems, accelerate modernisation, and provide a consistent cloud experience across both connected and disconnected environments. Built-in support for AI/ML



services, including Gemini and Vertex, managed databases, and a curated marketplace of third-party tools allows your organisation to innovate rather than day-to-day operations.

3.2 Prerequisite

Before contracting or placing an order, Capgemini carry out initial consultations with the Buyer to establish the required outcomes, integration, and sovereign or commercial constraints. Using our collective experience of Capgemini, hardware providers and Google we will work with you to define the requirements and ensure a smooth implementation of Google Distributed Cloud Solutions.

3.3 Impact Assessment and Evaluation

This will include, but is not limited to, evaluation of existing services and availability, including rack, power, cooling and physical security services. Evaluation of the types of services the Buyer wishes to host on Google Distributed Cloud (GDC) and any services, volumetrics, and predicted growth, will be considered as these define the initial size and type of the Google Distributed Cloud (GDC) deployment.

4 Buyer Responsibilities

Please refer to the Supplier Terms listed with this service on the Platform. These may contain additional Buyer obligations/costs the Buyer is subject to that are not identified anywhere else in the Supplier's Application or on the Platform.

The Buyer responsibilities as part of this service are as follows:

- Provide requested resources, stakeholders, information, and materials in a timely manner.
- Provide access to the appropriate process and subject matter experts to work with Capgemini to agree the design of the solution.
- Provide business users to perform acceptance testing based on an agreed plan.
- Procure necessary licenses and subscriptions as appropriate.
- Provide access to facilities, systems and data from existing systems to support the implementation and operation.
- Enable employees to be made available for training as appropriate.
- Ensure the Buyer's project team is empowered to make the decisions necessary in a quick and timely manner.
- Review and sign-off all deliverables in a timely manner based on agreed acceptance criteria.
- Allow Capgemini to work with Google, data-centre and the hardware suppliers on the Buyer's behalf, where agreed.

If these responsibilities do not align with your expectations, please contact us so we can explore options to adjust our approach accordingly.

5 Service Management

Capgemini Service Management provides a set of specialised organisational capabilities for providing value to clients in the form of services. It includes a full lifecycle approach to service management from service take-on,



through strategy to operation and continual improvement. It can be offered either as a standalone service or in conjunction with other sourcing arrangements. UK only support is available for this service.

Capgemini has successfully managed and delivered thousands of projects and programmes - some small in size and others which are some of the largest multi-supplier ecosystems in the world. Capgemini has an overall governance model, which sets the standards Capgemini needs to follow both for small projects and large programmes of work.

The scope of the individual services to be provided will be agreed within the Order Form, and will be charged for in accordance with the Pricing section for this service.

6 Protection of Data

This service is based on a security classification of 'Official', however should you have a requirement for a different security classification that you would like us to consider, please contact us to discuss. Additional requirements this may be subject to additional Charges in accordance with the SFIA Rate Card.

7 On-boarding and Off-boarding

Capgemini shall undertake on-boarding and off-boarding activities agreed within the Order Form (including as a minimum an exit plan in line with the Call-Off Contract terms) which will be charged for in accordance with the Pricing section for this service..

8 Skills and Knowledge Transfer

Capgemini recognises that skills and knowledge transfer is a critical element in the provision of G-Cloud services to public sector clients. Where possible and applicable, this forms part of the delivery plan for the service agreed at the start of the engagement. Our consultants and engineers are experienced in providing skills and knowledge transfer for major private and public sector clients.

Where appropriate, we may use a standard approach, tailored to topic, skills-gap and individual, to ensure consistency and effectiveness. The approach, Capgemini's Assess-Plan-Implement framework, has been used repeatedly by our teams to structure the work involved in transferring skills and creating new teams capable of driving and sustaining change long after the end of the formal programme. The framework can be applied throughout a project to understand knowledge transfer objectives, plan training delivery methods and materials, and deliver and evaluate success.

9 Vendor Accreditations/Awards



For the 13th year in a row, Capgemini has been recognised as one of the World's Most Ethical Companies® by the Ethisphere® Institute. This is an acknowledgement of our ethical culture that makes us an employer of choice and responsible player in the eyes of our clients, shareholders, and the wider community.

Capgemini has been independently audited and certified to be in conformance with the below mentioned industry standards: ISO 27001: 2005, ISO 9001: 2008, ISO 20000-1:2005, ISO 9001: 2000, AS9100, TL9000

Capgemini is a global premier partner of Google Cloud Google, see <https://www.capgemini.com/gb-en/about-us/technology-partners/google-cloud/> With over 5,500 Google certified experts worldwide and over 4000 Google implementations completed, our strategic partnership with Google Cloud provides our customers with digital transformation initiatives which drive innovation and growth across various industries.



10 Sub-contractors

None

11 Business Continuity and Disaster Recovery

BCDR services are available upon request, subject to customer specific requirements.

12 Pricing

This service is priced in accordance with the SFIA Rate Card attached. Capgemini can also provide offshore resources at reduced rates where appropriate. Projects can be priced either on a Time & Materials or Fixed Price basis.

13 Ordering and Invoicing

Please refer to the Supplier Terms for this service.

We would be pleased to arrange a call or meeting to discuss your requirements of our service in more detail.

14 Termination Terms

Please refer to the Supplier Terms for this service

15 Further Information

For more information about this or any of our G-Cloud services, please contact our Public Sector Team.

Phone: 0370 904 4858

Email: publicsector.opps.uk@capgemini.com including the following information:

1. The name of this service.
2. The name of your organisation.
3. Your name and contact details.
4. A brief description of your business situation.
5. Your preferred timescales for starting the work.

About Capgemini

Capgemini is a global business and technology transformation partner, helping organizations to accelerate their dual transition to a digital and sustainable world, while creating tangible impact for enterprises and society. It is a responsible and diverse group of 340,000 team members in more than 50 countries. With its strong over 55-year heritage, Capgemini is trusted by its clients to unlock the value of technology to address the entire breadth of their business needs. It delivers end-to-end services and solutions leveraging strengths from strategy and design to engineering, all fueled by its market leading capabilities in AI, generative AI, cloud and data, combined with its deep industry expertise and partner ecosystem. The Group reported 2024 global revenues of €22.1 billion.

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