

# Google Distributed Cloud Air Gapped (GDC-A)

## Delivering Sovereignty without compromise



As an enterprise stakeholder investing in digitalisation for cloud, the business faces increasing demands to access your sensitive and classified data through cloud operating system while maintaining strict data sovereignty and security requirements. Traditional on-premises infrastructure lacks the scale and cannot meet your regulatory compliance. Our solution - **Google Distributed Cloud Air Gapped (GDC-A)** delivers cloud without compromise, it is truly sovereign with your own self-determination.

Google Cloud can now run in your environment and deliver cloud on your terms with GDC-A. GDC-A is a fully managed, trusted air-gapped solution that's 100% disconnected from the cloud and the internet, so your agency can meet its data isolation and data sovereignty requirements, we are the answer to your digital future.



## Benefits



**Sovereign** - Data is never transferred outside of your isolated environment, helping you keep data sovereign within your borders and your data centres, to meet regulatory requirements for single or multi-tenant cloud.



**Open** - Manage your private cloud (or have Google manage it) with tools and services built on an open source stack for simplicity, consistency, and portability.



**Service-Rich** - GDC-A lets you adopt advanced Google Cloud services, including AI/ML, data analytics, container services, and partner offerings—all in an air-gapped environment that delivers a true cloud experience.



**Reliable** - Our open core reduces vendor risks and ensures operational continuity - even in black swan events. GDC-A is operated independently of Google Cloud and networks to ensure survivability.

# Use Cases

GDC-A enables organisations across various sectors to further optimise their operational efficiency, strengthen security, and improve user experience by leveraging the adoption of artificial intelligence (AI), internet of things (IoT), robust security measures and data sovereignty.

## Air-gapped Security

**Fully secure and operational while fully disconnected from the internet**

- Secure confidential and sensitive data, empowering data sovereignty
- Capable of operating independently in a self-contained environment and fully disconnected from internet connectivity.



## Advanced AI-driven Capabilities

**Leverage AI-driven insights and tools to address organisational needs**

- Analyse and translate sensitive datasets and field intelligence to empower decision makers to make informed and timely actions, especially during emergencies.
- Evaluate and detect cyber and fraudulent threats, further improving safety and security for its users.
- Enhance multimedia needs including video tagging, encoding, streaming, and provide gaming analysis with the help of AI-driven tools.

## Seamless Connectivity and Streamlined Integration

**Stay connected and unified for better operational performance**

- Integrate both operational and IT processes under one system to boost infrastructure efficiency.
- Monitor and manage inventories and resources remotely and autonomously, utilising advanced mobile robots and vision-based quality control.
- Improve latency to support smooth operations for industry-specific needs, such as connecting to medical equipment and establishing virtual bank branches for the public.
- Deploy modernised 5G networks for Core, RAN components, and private enterprises.

These key features are especially pertinent and tailored for government agencies, healthcare, financial, retail and telecommunications industries, and many more.

# GDC-A

**GDC-A** enables organisations to operate independently from public cloud and internet connectivity, while sustaining daily functions and operations, thereby enhancing security and ensuring data sovereignty.

## Baseline operations to run GDC:

- Data centre operations
- IT operations
- Support operations
- Security operations
- Reliability operations

