Shaping
the future
of digital
business

Get
started
guide

GFT ■

GFT › GET STARTED

GFT Google Cloud Secure Foundations for regulated workloads

Start right to stay on track

Are you looking to the cloud to enable your organisation to:

- Streamline and accelerate your infrastructure and application modernisation programmes for regulated workloads?
- Build a true hybrid / multicloud strategy with real business benefits?
- Take advantage of the power of data, artificial intelligence and machine learning to gain greater business insights to generate new revenue streams and business channels?
- Optimise and manage your cloud operating costs?

If you are struggling to choose the right path, you are not alone. Cloud migration and the related digital transformation programmes can be both complex and time-consuming, and many projects fail to even get off the ground. According to the "IDC FutureScape: Worldwide Cloud 2023 Predictions" report, '50% of cloud migration projects will fail to achieve their desired outcomes'. But do not let this put you off. In these volatile economic times, executing a comprehensive, robust cloud or digital transformation strategy is now more important than ever. This is where we come in because we can help to analyse your precise requirements to ensure success right from the start. Read on to find out more.

Shaping
the future
of digital
business

Get
started
guide

GFT ■

Attend a GFT Google Cloud Secure Foundations workshop to cut through the noise
⌐

We recognise that every business is at a different stage on the digital transformation journey, and based on our experience, we know the one-size approach to this business-critical programme does not fit all. We believe attending a GFT Google Cloud Secure Foundations workshop will be invaluable. We cut through the noise to provide your organisation with a clearly defined path to both adopting the cloud, specifically tailored to help transform your business operations and drive growth.

This will enable your organisation to truly embrace the many benefits a well-planned digital transformation programme can deliver.

A business-critical plan tailored to suit your needs
⌐

The cloud is high on the board agenda and is critical to the very survival of most businesses. The GFT Google Cloud Secure Foundations workshop is a free learning and discovery workshop and is available to organisations of all sizes, irrespective of where they are on a cloud adoption or cloud transformation journey.

It is designed to help organisations identify specific challenges and avoid the common pitfalls when trying to embrace a cloud migration or cloud transformation programme at pace. Following the session, you will receive a high level plan of action to fit your requirements together with recommended next steps

Meet the GFT experts – the launchpad for your future success
⌐

Every GFT Google Cloud Secure Foundations workshop will follow a tried and tested three step formula to ensure all attendees extract maximum value. Each group is chaired by a seasoned GFT cloud subject matter expert who will help you identify your cloud or digital transformation requirements.

The GFT Google Cloud Secure Foundations workshop lasts approximately one day, designed to elicit your challenges, and is expected to be interactive and highly productive. Our no-nonsense practical approach to this important meeting is proven to deliver. The GFT host's role to is challenge and create a lively and invaluable forum for debate. They will ensure the meeting stays on track to ensure the meeting objectives are met. Our three steps to success:

Step 1:
The team will provide an overview of all the essential foundational services required to build a Google Cloud secure foundation (aka landing zone) to support your cloud adoption goals whether you are migrating and modernising existing on-premise workloads or developing new cloud native applications in Google Cloud to gain a competitive edge.

Step 2:
Our team will work with you to understand where you are with regards to your cloud adoption and modernisation aspirations. GFT cloud architects and engineers will explore the options available and that are aligned with your cloud transformation goals. This could include:
■ Building highly secure and compliant MVP cloud landing zones with rapid deployment capabilities
■ Developing a multicloud strategy and enablement path
■ Unlocking business data to drive critical insight and value within your organisation.

Step 3:
Finally, GFT will provide you with a tailored action plan that details a series of next steps. These are designed to ensure your business maintains momentum and optimises your current and future cloud adoption goals.

Shaping
the future
of digital
business

Get
started
guide

GFT ■

Kick-start your journey ⌐

Now that you understand more about the GFT Google Cloud Secure Foundations workshop approach, it is time to kick-start or supercharge your journey to reap the business benefits of a robust and well-planned cloud transformation programme.

We understand your business
GFT is already helping organisations of all sizes, across multiple industries, to overcome the many barriers to entry that exist and to successfully achieve their cloud migration and digital transformation

objectives. It can be easier than you might think. Please get in touch and let's get started on sizing your personal cloud migration journey – today.

Examples of our experience and capabilities

We can customise the approach to suit your cloud adoption maturity, and provide you with a pathway to realise your cloud adoption objectives.

Secure foundations
GFT's Google Cloud landing zone called 'Secure Foundations' enables organisations to rapidly deploy the necessary Google Cloud foundational infrastructure services to provide a secure platform to host your highly regulated workloads - deployed using the latest automation technologies and approaches that empower you to get to the cloud faster than previously possible, whilst maintaining robust cloud governance, security and cost management at all times.

Essential services
Organisation setup: Create Google Cloud organisation, verify domain, set up super admin accounts.
Identity: Set up cloud identity, create organisation admin user groups.
Admin groups and access: Set up organisation admin access for admin groups, map users to respective groups.
Cloud Billing: Create and link billing account.
Resource hierarchy & IAM setup: Set up initial resource hierarchy structure and initial common projects.

Networking: Set up shared VPCs per environment, implement firewall security controls and NAT.
Monitoring and logging: Set up cloud monitoring and cloud logging in a centralised manner.
Security: Implement recommended organisation policies and standard security command centre.
Future additional services
Third-party IDP integration, hybrid connectivity, VPC service controls, NGFW (next-generation firewall) deployment advisory, SIEM (security information and event management) deployment advisory key management service.

GFT's cloud capabilities ⌐

With over 500 award-winning certified cloud engineers at your disposal, GFT has the strength and depth of expertise and experience to quickly discover and understand how to enhance and accelerate your organisation's journey to the cloud.

Whether you are just starting out on your cloud journey or already an established cloud user, GFT will help you unblock any challenges that you are currently facing.

Our experts ⌐

Scott Holman
⌐
Head of Google Cloud, GFT
scott.holman@gft.com

About GFT – Shaping the future of digital business ⌐

GFT Technologies SE is a global technology partner focused on digital transformation. Founded in 1987, we have over 10,000 specialists in 15 countries.

blog.gft.com
twitter.com/gft_en
linkedin.com/company/gft-group

>gft.com

Shaping
the future
of digital
business

Get
started
guide

GFT ■

GFT › SUCCESS STORY

Google Cloud landing zone for UK insurer

Provide scalable and secure Google Cloud landing zone

The challenge

The need for foundational cloud infrastructure

- Leading UK insurer wanted to avoid extended support costs of end-of-life policy management platform (Guidewire PolicyCenter and BillingCenter at v8)
- Avoid costly datacentre hardware refresh hosting Guidewire
- Upgrade Guidewire to supported version, migrate to Google Cloud and modernise/containerise using Google Anthos
- Google Cloud landing zone required host Guidewire that must be scalable, secure, codified, reusable and automated to support further cloud transformation initiatives.

The engagement

An expert partner

Delivered security hardened and reusable Infrastructure-as-Code to deliver security baseline, resource management, cost management, monitoring/logging, identity and access, internet egress and network connectivity

- Integrated Google Cloud foundational services with clients on-prem services - DNS
- Delivered shared services – certificate management, secret management, SIEM, CSPM, CWPP
- Delivered Google Cloud Bare Metal Service for Oracle
- Codified application infrastructure blueprints – GKE and Anthos
- Employed client SDLC and DevOps tooling
- Supplied UK-based expert Google Cloud architects and engineers to cĺ
- to develop their security posture for containerisation.

The benefit

Sustainable benefits

- Consistent - reduced outages due to human error
- Auditable for regulation compliance
- Automated security and compliance policy enforcement
- Reduced effort to deliver landing zone for future cloud transformation initiatives.

Shaping
the future
of digital
business

Get
started
guide

GFT ■

GFT › SUCCESS STORY

Cloud landing zones for multinational German investment bank

Infrastructure as code delivering best practices for successful cloud transformation

The challenge

Automated process to rapidly deploy standardised cloud landing zone tenants

- Provision pre-configured Google Cloud environments that comply with bank's security procedures and organisation policies
- Ensure consistency across all tenants in naming, scaling, networking and access control
- Provide tenants enough flexibility for infrastructure self-management.
- Automate the service to reduce / eliminate manual intervention.

The engagement

Architecture design and service implementation

- Engaged in the design of the service architecture and business workflows
- Developed Terraform modules for GCP, GitHub Enterprise and Terraform Enterprise resource configuration
- Developed testing framework for automated integration testing of the Terraform modules
- Developed GitHub Actions workflows for continuous integration and delivery
- Developed Sentinel (Policy-as-Code) policies to enforce compliance with security polices
- Implemented a security token federation service in Golang to supplement GCP identity federation
- Provided support for landing zone upgrade and migration.

The benefit

Enabled scalable and modular landing zone provisioning with enforced controls

- Accelerated cloud adoption by enabling developers to rapidly deploy secure, compliant, and scalable landing zones to support application migrations (>200 and counting)
- Reduced risk of identity and access breach by increasing platform authentication security through federating the custom token service
- Standardising cloud landing zone tenants reduced infrastructure complexity enabling faster incident triaging and incident response
- Increased observability of centralised networking provided auditable proof of security policy compliance
- Increased developer productivity by providing reliable, modular, rapid and reproducible infrastructure provisioning through TDD, IaC and CI/ CD automation.