

# Data modernization and migration of workloads to GCP

Migrate your data workloads for improved business agility, hyper-scalability and the path to boundless innovation

The rising volatile market needs are pushing enterprises to harness cloud for reducing cost, improving resilience, and developing new digital capabilities. Although building an agile infrastructure backed by responsive applications is key to successful business transformation, siloed data coupled with monolithic apps, legacy infrastructure, and higher licensing costs pose roadblocks to growth. A value-driven enterprise modernization strategy is therefore integral to holistic business transformation – one that's powered by skilled people, streamlined processes, and digitally strong culture to scale at speed without hindering business growth.

Virtusa Enterprise Modernization offers a diverse range of services to help businesses gain 14% higher user productivity through the modernization of infrastructure, database, and applications, and provision of a cloud workspace

## Why clients are choosing Virtusa?

#### 80 +

projects executed on Google Cloud Platform including 8 enterprisewide (> 5M) transformation projects

#### 20

client engagements across the globe

#### 750+

trained Google Cloud practitioners with over 350+ Google certified professionals

#### **Solution** accelerators

Inhouse & partner powered solution accelerators to advance migration and modernization initiatives

#### **Strategic** collaboration

Specialization title in Infrastructure in Google Cloud Partner Advantage & is a premier partner for Google MSP initiative

# **Solution approach**





#### Plan, prioritize & design

- Modernization **blueprint** - what workloads will move, and by when
- **Design patterns** that adhere to cloud principles
- Management of low latency workloads
- Data security on cloud



#### **Code conversion** & storage

- Simplify & modernize to **cloud-native** data engineering solutions
- Deploy tools and technologies designed to manage data volumes at scale and flexibility using data mesh/ data fabric architectures

#### **Deliver** trustworthy data

- Certified data in the new data estate
- Enablement of datadriven decisionmaking using Al platforms
- Providing access to data from anywhere across devices

#### Virtusa accelerators

- Digital transformation studio
- vDataAid
- Data-Lake-as-a-Service
- vTransform
- vDataAid
- Al platform + libraries
- MLOps platform

**OUR UNIQUE DIFFERENTIATORS** 

## Partner accelerators





**Info**works







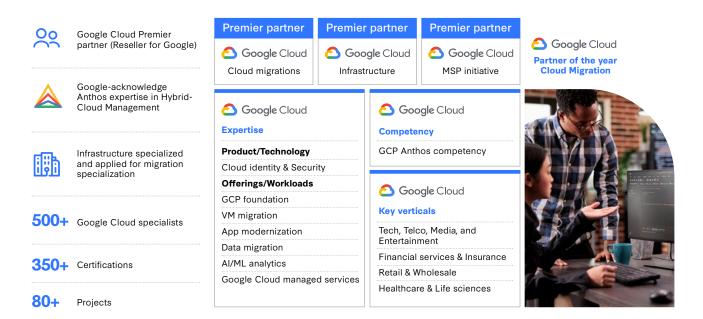




## Success stories

#### **Growth & complexity** Reduce technical debt Improve flexibility & federated Accelerated DWH delivery on Cloud data modernization: Implemented GCP based Data **CUSTOMER CASE STUDIES** BigQuery for a largest diversified on-prem analytics workloads to mesh Platform for UK leading GCP resource company bank and a global health care service company Improving productivity, safety Built centralized ETL Framework on GCP with CI/CD for and sustainability of Mining Virtusa built a federated data operations — data monetization, deployment for Cloud Composer governance layer for Data Mesh leading to a 3x increase in and Simplified Dataproc architecture on GCP for end-torevenue for an analytics versioning with managed end data governance organization driving Innovation Hardware and flexible jobs Reduced the time to on-board configurations. new data sets by 30% Reduced build effort by 50%; as Reduced the time to on-board Reduced the time to on-board OUTCOMES new use cases by 50% a result, productivity increased new data sets by 30% Increased data availability by 3X. Customer base grew, leading to increased revenue

# **Virtusa-Google Cloud Partnership highlights**



Contact us today for a free demo and assessment by emailing **marketing@virtusa.com** 

