



# 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?

<p><b>1</b></p> <p><b>80+</b> projects executed on Google Cloud Platform including 8 enterprise-wide (&gt; 5M) transformation projects</p>	<p><b>2</b></p> <p><b>20</b> client engagements across the globe</p>	<p><b>3</b></p> <p><b>750+</b> trained Google Cloud practitioners with over 350+ Google certified professionals</p>	<p><b>4</b></p> <p><b>Solution accelerators</b> Inhouse &amp; partner powered solution accelerators to advance migration and modernization initiatives</p>	<p><b>5</b></p> <p><b>Strategic collaboration</b> Specialization title in Infrastructure in Google Cloud Partner Advantage &amp; is a premier partner for Google MSP initiative</p>
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## Solution approach

	 <b>Plan, prioritize &amp; design</b>	 <b>Code conversion &amp; storage</b>	 <b>Deliver trustworthy data</b>
	<ul style="list-style-type: none"> <li><b>Modernization blueprint</b> – what workloads will move, and by when</li> <li><b>Design patterns</b> that adhere to cloud principles</li> <li>Management of <b>low latency</b> workloads</li> <li><b>Data security</b> on cloud</li> </ul>	<ul style="list-style-type: none"> <li>Simplify &amp; modernize to <b>cloud-native data engineering solutions</b></li> <li>Deploy tools and technologies designed to <b>manage data volumes at scale and flexibility using data mesh/ data fabric architectures</b></li> </ul>	<ul style="list-style-type: none"> <li>Certified data in the <b>new data estate</b></li> <li>Enablement of data-driven <b>decision-making using AI platforms</b></li> <li>Providing <b>access to data</b> from anywhere across devices</li> </ul>
<b>OUR UNIQUE DIFFERENTIATORS</b>	<p><b>Virtusa accelerators</b></p> <ul style="list-style-type: none"> <li>Digital transformation studio</li> <li>vDataAid</li> </ul>	<ul style="list-style-type: none"> <li>Data-Lake-as-a-Service</li> <li>vTransform</li> </ul>	<ul style="list-style-type: none"> <li>vDataAid</li> <li>AI platform + libraries</li> <li>MLOps platform</li> </ul>
	 	     	 


# Success stories

	Growth & complexity	Reduce technical debt	Improve flexibility & federated
CUSTOMER CASE STUDIES	<ul style="list-style-type: none"> <li>Accelerated DWH delivery on BigQuery for a largest diversified resource company</li> <li>Improving productivity, safety and sustainability of Mining operations — data monetization, leading to a 3x increase in revenue for an analytics organization driving Innovation</li> </ul>	<ul style="list-style-type: none"> <li>Cloud data modernization: on-prem analytics workloads to GCP</li> <li>Built centralized ETL Framework on GCP with CI/CD for deployment for Cloud Composer and Simplified Dataproc versioning with managed Hardware and flexible jobs configurations.</li> </ul>	<ul style="list-style-type: none"> <li>Implemented GCP based Data mesh Platform for UK leading bank and a global health care service company</li> <li>Virtusa built a federated data governance layer for Data Mesh architecture on GCP for end-to-end data governance</li> <li>Reduced the time to on-board new data sets by 30%</li> </ul>
OUTCOMES	<ul style="list-style-type: none"> <li>Reduced build effort by 50%; as a result, productivity increased by 30%</li> <li>Customer base grew, leading to increased revenue</li> </ul>	<ul style="list-style-type: none"> <li>Reduced the time to on-board new data sets by 30%</li> <li>Increased data availability by 3X.</li> </ul>	<ul style="list-style-type: none"> <li>Reduced the time to on-board new use cases by 50%</li> </ul>


## Virtusa-Google Cloud Partnership highlights

 Google Cloud Premier partner (Reseller for Google)

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 Google-acknowledge Anthos expertise in Hybrid-Cloud Management

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 Infrastructure specialized and applied for migration specialization

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**500+** Google Cloud specialists


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**350+** Certifications

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**80+** Projects

<b>Premier partner</b>  Cloud migrations	<b>Premier partner</b>  Infrastructure	<b>Premier partner</b>  MSP initiative
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**Expertise**

**Product/Technology**

Cloud identity & Security


**Offerings/Workloads**

GCP foundation  
 VM migration  
 App modernization  
 Data migration  
 AI/ML analytics  
 Google Cloud managed services

  
**Competency**

GCP Anthos competency

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**Key verticals**


Tech, Telco, Media, and Entertainment

Financial services & Insurance

Retail & Wholesale

Healthcare & Life sciences

  
**Partner of the year**  
 Cloud Migration



Contact us today for a free demo and assessment by emailing [marketing@virtusa.com](mailto:marketing@virtusa.com)

