

SOLUTION BRIEF

Modern Apps Anywhere with Hitachi and Google Anthos

Hybrid Multicloud Solution for agility, security, and flexible scale



Faster Time-to-Value

Modern container and VM orchestration workflows to automate and expedite manual processes



Lower Latency

Enhance application performance with lower latency for your workloads at core and edge sites



Security and Compliance

Unified management across sites to enforce security and compliance policies

Hybrid multicloud made easy with Hitachi and Google Distributed Cloud's Anthos on-premises. Speed, security, and control with the flexibility of multicloud.

The rise of modern apps has increased the need for agile and scalable hybrid cloud infrastructure. However, deploying and managing such environments requires experienced IT professionals and can be complicated.

Google Cloud's Anthos simplifies this complexity by offering a unified platform for deploying and managing applications across on-premises and cloud environments. Anthos provides user-friendly interfaces, automated deployment and scaling, and centralized monitoring and security policies, enabling organizations to focus on app development and innovation while Google Cloud handles the underlying infrastructure and operations.

Google Cloud validated Hitachi Vantara's Unified Compute Platform (UCP) is an Anthos-ready platform for running Anthos on-premises, making it an excellent choice for organizations seeking a seamless, reliable, and robust infrastructure for their hybrid cloud environment. Businesses can confidently leverage Hitachi Vantara's UCP to deploy and manage modern applications seamlessly across on-premises and cloud-based environments.

UCP's hyperconverged and converged infrastructure portfolio provide the uncompromised performance, reliability, and flexibility for running Anthos on-premises. Google's validation of UCP highlights the strong collaboration between Hitachi Vantara and Google in delivering innovative hybrid cloud solutions for modernized IT challenges.

Key use cases:



Orchestration of modernized and legacy (VM-based) workloads through Anthos' GKE support for VM, containers, and serverless code, preserving legacy investments.



Simplified hybrid multicloud management with robust on-prem infrastructure on Hitachi Vantara's Unified Compute Platform (UCP) providing performant and reliable compute and storage, while Anthos Cluster API, simplifies deployment, expansion, and management of applications across hybrid multicloud environments.



Enhanced security and compliance posture with fine-grained security policies and a holistic view of the entire infrastructure.



Clear paths for cloud and reverse migrations enabled by Anthos, empowering organizations to move their data and infrastructure with freedom.

Solution Components



Hitachi Unified Compute Platform HC (UCP HC) is a turnkey appliance that integrates compute, storage, and virtualization for edge to core to cloud operations. This proven solution offers scalable, seamless, and simplified cloud infrastructure for enterprise and mid-market customers.



Hitachi Unified Compute Platform CI is a converged infrastructure solution for VMware vSphere with independently scalable compute and storage components, powered by Hitachi Virtual Storage Platform (VSP) and Hitachi Storage Plug-in for Containers (HSPC). It allows for flexible and dynamic scalability without overprovisioning.



Anthos

Anthos on-premises is part of Google's Distributed Cloud (GDC) family as GDC Virtual, bringing Google Cloud services to the edge and into your data centers. With Anthos Ready status, customers can select Hitachi UCP to deploy and manage Anthos on VMware vSphere and bare metal services.

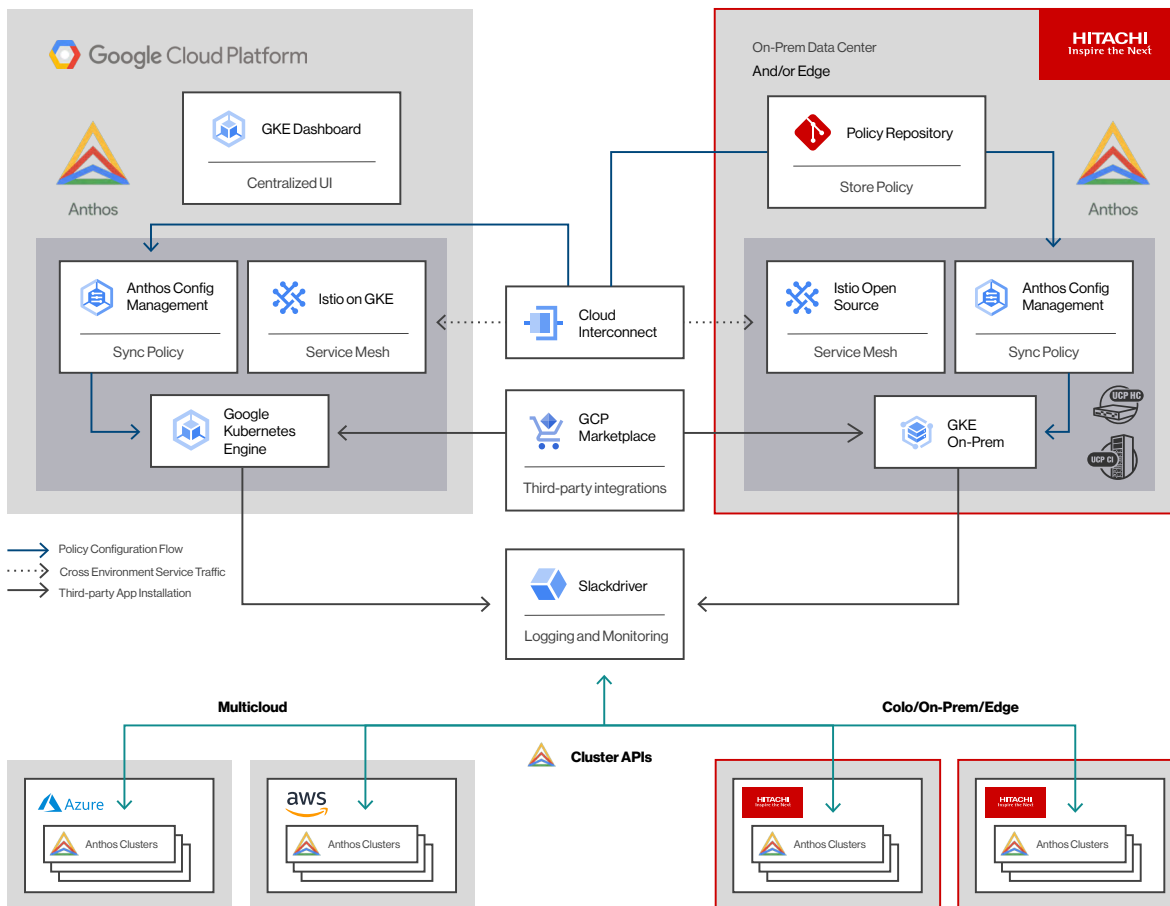


Figure 1

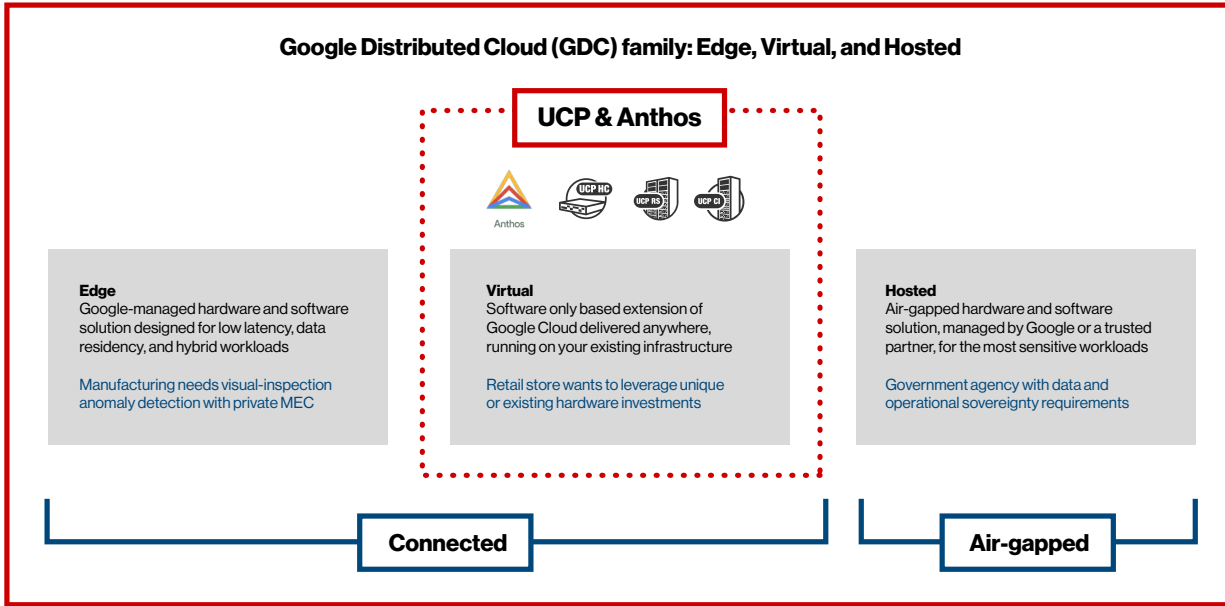
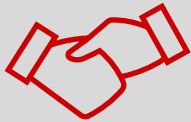


Figure 2

As an Anthos Ready partner, Hitachi has profound expertise in Anthos architecture, features, and customer benefits. Hitachi is committed to working with Google to provide our customers with the latest and best Anthos on-premises solution (GDC Virtual). You can trust Hitachi for your Anthos on-prem deployment because:



Partnership with Google



Proven Enterprise Solution

50+ yrs

Leadership in IT and OT

ABOUT HITACHI VANTARA

Hitachi Vantara, a wholly-owned subsidiary of Hitachi Ltd., delivers the intelligent data platforms, infrastructure systems, and digital expertise that supports more than 80% of the Fortune 100. To learn how Hitachi Vantara turns businesses from data-rich to data-driven through agile digital processes, products, and experiences, visit hitachivantara.com

Contact Us →

Let us help you with a hybrid multicloud for modern apps.

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