

A MODERNIZED DATA PLATFORM FOR AI

*Advanced AI requires an advanced
data platform*

THE CHALLENGE WITH LEGACY DATA PLATFORMS

AI demands significantly greater storage and computational capacity than the traditional, on-premises data platforms that many organizations continue to use. Such legacy platforms weren't built to accommodate the scale and complexity of today's advanced analytics and AI capabilities.

THE PULL OF PUBLIC CLOUD

Today's technology forces and business cases support migrating to a cloud-based data platform, with their built-in capabilities to back AI use cases.



DISPARATE
DATA SILOS



INABILITY
TO SCALE



INELASTIC
CONSUMPTION



EXPENSIVE
TO MAINTAIN



NEARING END OF
VENDOR SUPPORT



SCALABILITY



ELASTIC
CONSUMPTION



LOWER COST
OF OWNERSHIP

MAXIMIZING MIGRATION ROI

The prospect of migrating legacy platforms can be daunting. They are often complex to untangle and require significant investment of resources to rebuild or refactor for the cloud. Together, Deloitte and Google Cloud provide solutions that enable clients to migrate their data platforms while maximizing their existing IT infrastructure investments.

APPLIANCE OFFLOAD

Modernize Massively Parallel Processing (MPP) appliances to the cloud and enhance data-enabled, cloud-centric analytics capabilities.



HADOOP MIGRATION

Deploy and scale Hadoop clusters for more efficient batch data processing, querying, streaming, and machine-learning derived insights.



HELPING MATCH COSTS AND VALUE

Thanks to consumption-based pricing and increased efficiency, the resulting modern data platforms can potentially reduce total operating costs and help deliver the cloud-native capabilities necessary to thrive in the marketplace.

Up to **60%** ↓ **reduction** in administrative costs 

More than **50%** ↓ **reduction** in storage costs 

More than **30%** ↑ **improvement** in query performance 

READY TO LEARN MORE >> usgooglecloudalliance@deloitte.com

REDUCING MIGRATION EFFORT



Strategize and plan

Assess current state to prioritize migration and develop future state architecture



Rehost and optimize

Migrate legacy appliances and improve application design with cloud-native capabilities

SHORTENING TIME TO VALUE



Implement ML and AI

Catalyze growth and engage stakeholders using ML and AI services



Support and grow

Sustain end-to-end analytics operations across applications, data assets, and platforms