



Delivering business agility through cloud and SAP modernization for Dizbi

How NTT unlocked exceptional cost and performance benefits through SAP transformation on Google Cloud

Client profile

Dizbi is the technology arm of the global fashion, manufacturing, and sourcing giant, PDS Multinational Group. With annual turnover in excess of USD 1.2 billion, the PDS group manages supply chains for 190+ major retailers and brands worldwide, with 50 offices across 18 countries.

Based in Bengaluru, India, Dizbi has proven technology expertise in developing enterprise frameworks, processes, and resources. They have enabled their clients' digital transformations through design thinking and applied thought, as well as innovative, cost-effective and emerging technologies that are secure, flexible and customizable.

Summary

Transforming a legacy SAP application environment to enhance business agility and achieve cost optimization through cloud migration and managed services.

As a company that solves real-world problems and presents tangible growth opportunities to customers, Dizbi needed technology partners who could support and manage their large, ever-expanding and always-on infrastructure landscape. Dizbi used SAP's ERP application (SAP ERP Central Component or ECC) to manage its business-critical operations related to finance, inventory and logistics management. Management and maintenance of the on-premise legacy application was becoming increasingly cumbersome, adversely impacting performance levels.

Dizbi partnered with **NTT Global Data Centers and Cloud Infrastructure, India**, leveraging NTT's expertise to move their SAP systems to Google Cloud Platform (GCP). Ensuring zero downtime and smooth transition would be critical. NTT also enabled several configurational changes, including a move from Oracle database to Sybase on GCP; migration of data; setting up a highly effective DC-DR architecture using appropriate DRM tools, and provisioning NTT's SimpliInsight tool to provide real-time insights and analytics into the new application and infrastructure landscape.

Challenge

Managing complex migrations, maintenance and DR engagements with NTT

Dizbi's current on-premise, legacy SAP environment is critical to finance functions and plant maintenance and materials management.

These legacy systems and infrastructure were unable to scale in step with the company's growth and were causing performance and latency issues, which led to routine operational challenges. Other challenges include stability issues caused by capacity bottlenecks, routinely compromising business operations.

The existing environment also lacked any form of resiliency. To rectify this, Dizbi wanted to implement a highly responsive DR environment for the SAP environment, which would enable quick and effective data recovery in the event of unforeseen outages.

This led to Dizbi's decision to collaborate with NTT, driven by the need for a single technology partner with credibility in driving the end-to-end cloud transformation.

Which services?

- Managed Google Cloud Platform
- Database re-platforming from Oracle to Sybase
- SAP application and database migration from on-premise to cloud
- NTT SimpliInsight monitoring and analytics platform
- Disaster Recovery & data replication services

‘As part of Dizbi’s continued growth, updates to our mission-critical SAP landscape were required, while simultaneously ensuring both improved agility as well as cost optimization.

Given their expertise in cloud transformation and SAP, we determined that NTT was the best partner to help us achieve our goals.’

Mr. Ramireddy
Head IT, Dizbi

Technology plays a crucial role in driving business outcomes, which is why 85% of the Fortune 500 companies come to us.

Find out how our full range of capabilities will empower your people, strategy and operations to achieve your business modernization and transformation goals.

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The transformation

To achieve its business objectives, Dizbi elected to move its SAP environment to Google Cloud Platform. Dizbi selected NTT as their Managed Services Partner for GCP and SAP, owing to NTT’s expertise in migrating and managing SAP applications to the cloud.

NTT conducted initial assessments in conjunction with Dizbi’s SAP application development team, conducting PoC and performance testing to fine-tune infrastructure sizing requirements.

Key elements of the transformation would be compliance with Dizbi’s controls and cybersecurity protocols, as well as providing overarching program governance.

Highlights of the transformed technology landscape include:

- **SAP on Google Cloud:** The company’s SAP applications today run on Google Cloud’s SAP-certified instances designed for memory-intensive systems. Not only can GCP handle Dizbi’s future growth requirements effortlessly, but it can also support a robust on-cloud DC DR setup.
- **Database re-platforming:** Dizbi’s on-premise Oracle SAP database was re-platformed to Sybase for GCP, to meet the growing need for cost optimization. Sybase uses GCP-persistent SSD disks, whose single-digit millisecond latency is suited for high-performance database workloads.
- **Resilience, storage and security:** Dizbi uses Google Cloud Storage for SAP backups, Google Cloud VPC, Compute Engine Snapshots, and Google IAM and security services. A highly effective DC-DR architecture was deployed (DC at Singapore and DR at Mumbai), replicated using DRM tool.
- **Analytics:** Dizbi is also using NTT’s SimpliInsight services for cost & performance optimization, and from a cloud governance perspective. NTT’s homegrown tool provides actionable insights to monitor, analyse and optimize Dizbi’s cloud infrastructure. Dizbi is also exploring BigQuery for their analytics requirements.

Outcomes

Google Cloud Platform proved a more agile and cost-effective alternative when compared to the legacy on-premise set-up.

- Seamless transition: Working with NTT, Dizbi was able to accelerate swift solution development and migration of over 6 TB of data, along with gaining faster delivery speed and improved agility for its SAP application. **The entire transition was completed in 180 days with zero downtime.**
- Significant cost benefits: GCP provided lower infrastructure TCO, while expediting delivery time of its new business framework by 2x and **delivering over 20% in savings.**
- Holistic insights: The applications and services offered as part of GCP, like BigQuery, are promoting real-time data analytics and competitive insights.

The partnership was also immensely beneficial for driving new business outcomes and opportunities to Dizbi.