

Turn Your Business Challenges
into Opportunities

Ask us how

Leading online auction portal Company
doubled their business by moving
their Auction Web App to Public Cloud
by choosing Brio as their Cloud Partner

About Matexnet:

Matexnet is India's leading and most reputed private online auction portal operating in the specialised space of buying and selling surplus inventory. Incorporated in 1995, Matexnet provides a comprehensive online marketplace for companies to buy and sell residual and superfluous inventory - from raw material, machinery and industrial by-products to non-performing and stressed assets. Service offerings include e-procurement of logistics services and transport contracts, tender management, as well as purchase and sale of repossessed vehicles.

The Challenge:

Customers wanted to move their auction web application from the current hosting partner to public cloud to solve business critical challenges.

The current environment not scalable and causing frequent outages, application slowness issues. Modernize the overall solution with cloud services Improve availability, scalability, load balance the application, move the dependencies of legacy technologies such as MSSQL HA cluster and DFS(distributed file system) using cloud native tools for better resiliency

The solution:

Designed the architecture to address the business critical requirements Multi zonal application and database tier using compute instance groups to meet the application demand. MSSQL HA cluster and DFS with windows ADDS deployed on Compute engine instances. Disk encryption with persistent disk SSD default encrypted with SHA 256 algorithm. Achieved 99.9% uptime with compute engine and load balancing

The Results:

The customer wanted to eliminate the frequent outages and application slowness, processes in place did not help to scale on demand. Business decision was made to evaluate Google Cloud Platform since it was cost optimal and assessment outlined better performance than any other cloud. As a part of the digital transformation process, the expected goal has achieved by migrating of monolithic design 2 tier application to Google Cloud platform. well architected to address all the business critical requirements and delivered a 99.9% application availability using cloud services.

Brio's Approach:

Brio team designed the architecture aligning the Google Cloud services compute engine, TCP internal load balancer and global HTTP(S) load balancer to fulfill the requirements. Deployed a POC landscape to ensure the application functionality is consistent with both. Brio team recommended to go live in phases Staging(POC) and Production Go-Live. Addressed the technical requirements challenged by the end customer by demonstrating the Google cloud services within the POC timeline. The application servers required a shared NAS volume to maintain the application consistency across the frontend application servers. The database MSSQL servers are expected to be highly available configuration with a cluster shared volume [CSV] incase of node failure or maintenance event. The session persistence should be maintained seamless across the nodes and the database servers were expected to run with centralized authentication provider.