



Parkar NexGen Cloud Platform Uses Microsoft Azure to Centralize Multiple Servers & Scaled the App Development Pipeline with Automation

BUSINESS VALUES

- 435% Average 5 Years ROI
- 82% lower the cost of IT infrastructure & operation

The client is a leading company offering an exotic array of wines & spirits to global consumers. Based in Chicago, the company has a strong international presence with global offices. The company was inceptioned in 2014 with an aim to offer the finest array of Whiskey, Tequila, COGNAC, Vodka, Gin, Rum, Cordials & Liqueurs, and RTD with the best human connection.



BUSINESS INDUSTRY

WINE & SPIRIT

MORE THAN

5000+ EMPLOYEES

INTEGRATED BUSINESS BENEFITS

- Decreased infrastructure cost with the Cloud.
- Established application portability with containers.
- Autoscaled the websites.
- No downtime production environment.
- Boosted app release time from months to days
- Established scalable & hassle-free governance for multiple applications.
- Established a seamless customer care system with integrated flawless operations.
- Established detailed, predictive, and real-time agile analytics.

IMPLEMENTED TECHNOLOGIES

- Polyglot Platform
- OpenShift Application Monitoring Tool (GAP Stack)
- Docker
- Jenkins
- ScienceLogic

PROBLEM OUTLINE:

Being a reputed manufacturer of wines & spirits, the client has various brand sites offering an assortment of world-class alcoholic beverages to its global audience online. These sites offer platforms for online buying and help to locate retailers as per custom locations. The major problem was that these sites were hosted from multiple servers. As a result, the sites were loading with slow downtime



SLOW LOADING TIME

Slow loading time or long downtime of the brand sites was the major concern of the customer. Hosted from multiple servers, the sites used to take long downtime which was slowing down the whole business process.



SLOW DEVELOPMENT PIPELINE

The client had a slow application development pipeline with disintegrated functions including development, testing, integration, and delivery. All these activities were carried out in different environments and it was slowing down the whole cycle.



HIGH INFRASTRUCTURE COST

The multiple servers were leading to high infrastructure cost and it was visibly affecting the business. Moreover, physical servers needed high Maintenance costs. It was also complicated to scale-up such a server when it reached the maximum workload.



LOW PERFORMANCE AND SCALABILITY

The multiple servers were triggering redundant processes affecting the teams' performance. Average performance was the root cause of low scalability and the client was clueless about it.



BIG "G" GOVERNANCE

The client required a bigger G-governance to take advantage of geospatial technology for making informed decisions. A majority expressed a need for high-level guidance and system-wide standards.

The client wanted to migrate their brand websites into a more scalable platform. We proposed Parkar NexGen Cloud Platform empowered with different Azure infrastructures to decrease the operation cost and increase the pace of the application development pipeline.

PARKAR NEXGEN CLOUD PLATFORM

The Parkar NexGen Cloud Platform empowered with Red Hat OpenShift offers containerized cloud implementation, application engineering, and monitoring. Also empowered with different Azure infrastructures, this platform speeds up application development time and offers easy maintenance with optimum security. Moreover, Parkar NexGen Cloud Platform enhances developers' productivity with automation and source to image enables the developers to have reproducible Docker images. This platform also enables a polyglot infrastructure supporting all programming languages.

Parkar designed a cutting-edge cloud migration strategy for a rapid transformation of business models and technology ecosystems.

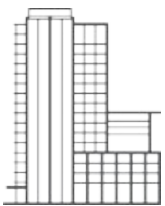
PARKAR SOLUTIONS CENTRALIZED MULTIPLE SERVERS

- **Zero Downtime:** We created a centralized cloud server and it decreased the loading time of the websites. We achieved a zero downtime.
- **Faster Application Development Pipeline:** The Parkar NexGen Cloud Platform paced up the application development pipeline at the client premise. This platform not only moved the applications to the Azure cloud but also automated testing, delivery, and deployment. Besides, the OpenShift application monitoring tool keeps an eye on the applications from a single platform. The failed pods got healed automatically with zero downtime.
- **Decreased Infrastructure Cost:** The centralized cloud server decreased the infrastructure cost of the client undoubtedly. With the cloud, the server maintenance cost also decreased. We have reduced the operation cost by automating major processes and creating a centralized server.



- **Auto-Scaled Up the Brand Sites:** With everything on the cloud, briefly, a cloud-based infrastructure made the brand sites more scalable with the synchronized database. It also enhanced the retail experience unbelievably.
- **Intelligent Business Analytics:** We developed AI & ML algorithms to predict intelligently business analytics. Moreover, we applied AI algorithms especially to analyze a huge amount of data to help the client to make insightful decisions.
- **A Customer-Centric Approach:** We created a customer-centric approach to deliver seamless and faster performance. As a result, we simplified internal & external communication to enhance business.
- **Future-Ready Solutions:** We also created an infrastructure with future-ready solutions including:
 - Predictive Forecasting for Quality Metrics
 - Real-time Decision Support
 - Data-Enabled Partnerships

ABOUT PARKAR CONSULTING & LABS



At Parkar, we revolutionize how great software is built. Our vision is to be a catalyst for customer success by harnessing the unlimited passion of our people and innovation. Our expertise in Cloud and Data technologies has enabled over 50+ corporations to deliver better customer experiences and lower their business costs.

Powered by our NexGen Cloud Platform, customers unlock the power of technology to accelerate solutions in Application Engineering and AIOps.