

Complex Migration to GCP Carried Out in Just 2 Months for Park+

Niveus carried out a complex migration to Google Cloud in under 2 months and improved homepage load times by 60%, gained up to 5x speed boost in new product launches, and developed an ML-driven expansion strategy with Google Cloud.

The challenge

Park+ sought to migrate its application to a more robust cloud ecosystem, a crucial juncture at which Niveus stepped in to help Park+. Originally built on microservices and open-source software, Park+ faced challenges meeting the surging demand as its popularity grew. The platform encountered latency and scalability issues affecting customer experience and hindered business growth.

The solution

Niveus used different database migrations at various stages, including migration of MySQL to Cloud SQL, PostgreSQL from AWS to CloudSQL PostgreSQL, MongoDB to GCE MongoDB. The tech stack includes Jenkins, Google Kubernetes Engine, GitHub, Elasticsearch, Memorystore, Cloud Storage, Google Security Command Center, Cloud Operation and BigQuery.

The result

Niveus is supporting Park+'s mission to reach 60% of India's drivers with a custom-made solution enabled by BigQuery data analytics. By harnessing GKE's auto-scaling and the stability offered by Cloud Load Balancing, Park+ reduced platform latencies from 100 milliseconds to just 88 milliseconds. 5x boost in speed of new product launches and 900+ engineering hours saved per year.

“ Alongside the Niveus Solutions team, the supportive experience in the Google Cloud has given us truly exceptional and something I've never seen on any other platform. They stayed up with us all night of the D-Day of migration, showing a strong partnership model that helped the complex migration go with seamless perfection. ”

Hitesh Gupta, Co-founder and CTO, Park+



About Park+

Park+ is a native digital company with an automotive superapp, has 700+ employees, and raised USD 35 million in capital. It has emerged as the country's largest community of car owners, with over 60 lakh cars on its platforms. Their services include recharging FASTag electronic wallets and assisting in car maintenance.

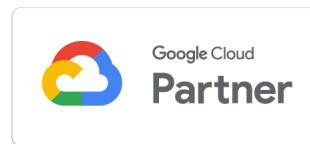
Vertical/horizontal solution: Tourism & Leisure

Primary project location: India



About Niveus Solutions Pvt Ltd

Niveus Solutions, a Google Cloud Partner leverages cloud technologies to help enterprises with a range of cloud capabilities and services.



Products

Google Cloud Platform