

A person in a light blue button-down shirt is holding a white water bottle with a black cap and a yellow circular sticker that says "TEA BAR". They are also holding a white payment terminal with a black square logo. The background is a blurred indoor setting.

**Globant** ▶

# Digital payment solution for leading payments company - Prisma

Highly scalable and secure payments  
app using microservices architecture

# About the customer

Globant and Prisma are revolutionizing payments. Prisma is the leading payment company in Argentina and offers multi-brand processing and payment solutions for over 600,000 companies, shops, and vendors in Latin America.

Prisma was looking to develop a digital payment solution to position itself quickly in a competitive market and strengthen its leadership in the industry.

Globant and Prisma worked together on this highly challenging fintech project, designing a first-class innovative mobile wallet and introducing new technologies from biometrics to easy utility payments, aiming to generate new revenue streams.

## Customer Challenge

This solution had a big challenge in its operation and culture, given the manual processes with a high degree of distrust when introducing new changes in production environments.

The CI/CD pipelines were outdated. Deployments were carried out once a week and involved several people simultaneously. They took 3 to 4 hours without including any rollback in case of failure. Finally, there was a need to reduce potential problems in production for the clients.

# Partner Solution

We defined all the infrastructure for production deployments using Infrastructure as Code practices through Terraform. In general, different modules were defined for networking, DNS, and base infrastructure. Using modules allowed us to reuse code and reduce complexity.

The team implemented a CI/CD pipeline using Jenkins, which has different automated tests, including static code analysis with SonarQube, availability and performance testing with Dynatrace Synthetics, and load testing with JMeter.

We implemented infrastructure and application monitoring using Dynatrace for observability. Dynatrace allowed us to correlate issues and, using its AI-based root cause analysis, determine the cause of the problems and solve them before they impacted clients. We integrated Dynatrace with Kong to monitor APIs and used Grafana to centralize monitoring metrics.

For logging, the team used elastic Search to ingest and centralize the logs from various applications.

# Results and Benefits

Implementing automated infrastructure deployments through Terraform allowed to reduce the manual effort on Disaster Recovery exercises and reduced the RTO by 50% on average, from 4 hours to 2 hours.

Globant re-implemented the deployment pipelines by configuring Jenkins Operator on AWS EKS, providing a high-availability solution. The deployment rates in production were doubled, increasing from 1 weekly deployment to 2 or more.

Also, having an end-to-end monitoring solution allowed us to find issues more quickly and reduce the impact on customers. The solution reduced the mean time to recovery from hours to minutes.

## About the Partner

Having completed over 500 cloud projects, Globant's engineers have helped organizations design, build, migrate and support their workloads in AWS. We have been an Amazon Web Services partner since 2011, with proven expertise and capabilities on the platform.



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For more information, visit [www.globant.com](https://www.globant.com)

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