

Modernizing E-Commerce for Domino's Pizza UK

With the power of Gloo Mesh and Gloo Gateway, ordering a pizza becomes





Company Size: 35,000 employees

even easier.



At Domino's Pizza UK, delivering quality food to customers as effortlessly as possible is at the heart of the business.

In order to achieve this, Domino's recognized the need to modernize their technology stack to align with contemporary engineering practices. Their monolithic architecture, while powerful, lacked the flexibility and agility they needed in order to meet the increasing demands of their customers. To tackle this issue, they embarked on an 18-month journey with Solo.io to transition from a monolithic system to a microservices-based architecture, transforming how they operate while growing their success.

The Challenges

 Legacy monolith: The existing monolithic system posed challenges in terms of scalability, agility, and maintenance.

Rigid deployment cycles: Deployment cycles occurred every 2 to 3 weeks, impacting the business's ability to respond swiftly to market demands.

Limited innovation: With the constraints of the monolithic architecture, evolving business expectations necessitated long lead times and scheduled downtime.

"We benefited from a highly effective Solo support team on Slack. Whenever issues arose, it was invaluable to have the team available, allowing us to collaboratively and promptly solve the problems."

The Solutions

- Migration to microservices using Gloo Gateway: Domino's broke down the monolith into a set of microservices to create a more flexible and agile technology estate.
- Adoption of Gloo Mesh technology: They deployed microservices into a mesh, defining service boundaries and workspaces to ensure efficient communication and security. Gloo Mesh also improved site reliability engineering, enabling engineers to configure reliable service-to-service communication through features like timeouts, circuit breakers, and retries.
- Transition to continuous deployment: With microservices in place, teams can release updates independently, reducing deployment cycles from weeks to days and eliminating downtime constraints.



The Outcomes

Increased pace of innovation:

Teams now work more independently, accelerating the pace of innovation and responsiveness to market demands.

Enhanced stability:

Despite the increased pace of innovation, stability has been maintained through reliable serviceto-service communication and robust

Seamless collaboration:

Feature development teams and platform teams work alongside each other smoothly, introducing innovations without disrupting each other's workflows.





"Solo.io has provided us with a springboard for continuous innovation."

What's Next

Domino's new modernized platform serves as a foundation for ongoing innovation, enabling them to integrate new technologies, capitalize on market opportunities, like seasonal promotions or special events, and optimize operations further.

Through the successful migration to microservices and the adoption of modern mesh technology, Domino's has not only improved their e-commerce platform, but enhanced the experience of their end users, and positioned themselves well for the future.





Solo.io, the leading application networking company, delivers a service mesh and API platform for Kubernetes, zero trust, and microservices. The components of Gloo Gateway and Gloo Mesh enable enterprise companies to rapidly adopt microservice applications as part of their cloud journey and digital transformation. Solo.io delivers open source solutions, and is a community leader in building the technologies of the future.



Learn more

www.solo.io