

Trexity Google Cloud Case Study

Our team helped Trexity curate a foolproof product plan around routing needs that kept Trexity at the center of the process. The Woolpert team helped keep Trexity in the loop with new Google updates and the solutions best-suited for their needs.

The challenge

Trexity developed two products: a mobile app that couriers can use to execute deliveries and a platform that provides clients with real-time tracking data. With the need to provide their client base with an optimized and secure user experience, Trexity turned to Google Cloud.

The solution

Trexity uses Optimization AI to solve operational optimization problems rapidly and at massive scale. One feature they uses within this API is Cloud Fleet Routing, a managed routing service that takes a list of their orders, vehicles, constraints, and objectives and returns the most efficient plan for their entire fleet in real-time.

The result

Cloud Fleet Routing allows for Trexity to keep drivers out of slowdowns, maximize their fleet utilization, schedule inactive vehicles for maintenance and decrease late deliveries. Trexity also uses Cloud Functions to run their code in the cloud with no servers or containers to manage. This allowed them to build and deploy their first Cloud Function using only a web browser and Quickstart.

“ Working with Woolpert Digital Innovations has created new opportunities for our routing and fleet management needs. We are a fast-moving startup, so things can change on the fly. As a leading expert in mobility, Woolpert Digital Innovations has always been there to answer my questions and assist us in developing future plans. ”

Darren Schnare, Chief Technology Officer & Co-founder, Trexity



About Trexity Inc.

Founded in Ottawa, Trexity aims to compete with larger retailers by providing local delivery services to small and medium-sized businesses.

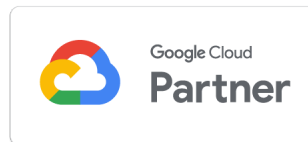
Vertical/horizontal solution: Logistics

Primary project location: Canada



About Woolpert, Inc.

Woolpert, a geospatial powerhouse, delivers value to global clients by strategically blending leading-edge technology and geospatial applications.



Products

Google Cloud Platform