Reposit Power: Transition to GCP

Katana1 worked alongside Reposit Power to plan, deploy and migrate to Google Cloud Platform. Together, they executed a phased transition from a legacy IaaS provider to a robust and scalable GCP deployment. K1 also assisted with customer upskilling.

The challenge

Reposit Power used a combination of homegrown code and open source components to provide services to end customers and partners. Their infrastructure was managed by an IaaS provider on physical servers that were too slow to scale and vulnerable to datacentre outages. The customer was expecting substantial growth due to recently signed contracts.

The solution

The shift to GCP was actioned in phases, firstly, design a solid GCP foundation then transition from the legacy IaaS platform to the best Google Cloud service. For example, legacy HBase to Bigtable, legacy bare metal compute to GCE and auto-scaling Instance Groups, PostgreSQL to Cloud SQL and expansion into multiple regions to support DR and international development.

The results

The phased approach of migrating from an unstable and limited IaaS platform to GCP has allowed acceleration of application development and reduced the administration burden for multiple services. It also gave the customer the ability to scale up (and down) on-demand and laid foundations for future international product expansion.

> **"** 99% of what Reposit now knows about GCP stemmed from what Katana1 has taught us along the way. This includes everything from the tech to the billing to navigating Google internals and processes. We like to be very hands-on and "get to the guts" of how stuff works. I think this was a bit of a shift from how Katana1 but we really enjoyed it. **"**
>
> Mike Leonard, CTO, Reposit Power

About the customer
REPOSIT POWER PTY LTD

Reposit is an award-winning, quick and easy add-on for your existing solar battery. Reposit makes the most of the smart decision you have already made by installing a battery in your home.
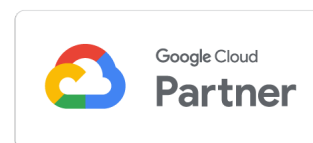
Industry: Energy & Utilities

Primary project location: Australia

KATANA1

About the partner
KATANA1 PTY. LTD.

Katana1 drive customers to manage & master data. A focus on design & migration to solid, scalable and fit for purpose platforms in GCP

Google Cloud Partner

Products

Google Cloud Platform
Google Cloud Training