Start with Security | AWS to Google Cloud Migration for Varuna

Qwinix helped Varuna cut wasted cloud spend, reinforce cloud security practices, and build a foundation for advanced IoT and machine learning capabilities with an AWS to Google Cloud migration.

The challenge

Varuna was running on multiple servers and wanted to avoid over-provisioning. To do this, they needed to move to a serverless architecture, which would allow them to reduce wasted cloud spend and expand their product's machine learning capabilities. Critical assets included Varuna IoT's front-end website, client portal application (Python app with Django), and AWS relational database.

The solution

Qwinix cloud security experts performed a Secure Google Cloud Landing Zone Setup to assess, design, and implement cloud security best practices. Next, Qwinix cloud engineers facilitated the migration of defined workloads — including an AWS RDS Postgres database instance to a Cloud SQL Postgres as well as moving a Python (with Django) application from AWS Elastic Beanstalk to Google App Engine.

The results

Qwinix helped Varuna IoT quickly migrate from AWS to Google Cloud. Varuna's new infrastructure cut monthly cloud spend while propelling product innovation with Google Cloud's breadth of built-in machine learning capabilities. Varuna also enjoyed greater confidence in its cloud security standards with Qwinix's Secure Landing Zone Setup services.

> **"** Qwinix brought a lot of clarity and execution structure to our migration from AWS to Google Cloud. We're very happy and confident in the knowledge that our deployment was done optimally and expertly by the solid Qwinix team. **"**
>
> Seyi Fabode, Co-Founder, Varuna

VARUNA

About Varuna Tech Inc.

Varuna IoT is a real-time water quality monitoring company. It uses deployable sensors and cloud-based software to provide real-time insights into water health and workflow optimization.
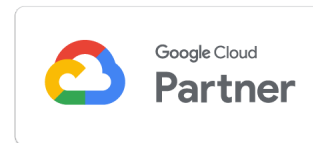
Industry: Energy & Utilities

Primary project location: United States

qwinix

About Qwinix Technologies. Inc.

Qwinix is a cloud-native consultancy and Google Cloud Partner.

Google Cloud
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