# Digible - AWS RDS to GCP Cloud SQL Database Migration

Fiona, Digible's AI marketing platform, had a database on AWS. Qwinix built a custom solution for the AWS RDS- MSSQL to GCP CloudSQL- PostgreSQL database migration to help optimize data costs and practices. Qwinix also fine-tuned data models.

## The challenge

Fiona's database needed to be cost-effective, prompting the move. However, dataset errors throughout the database required a customized approach to migration. Cloud experts from Qwinix had to oversee the handling of source-vs-target data type mapping, identify and resolve incorrect datasets present in the source database, and build a process that supports full and incremental loads.

## The solution

GCP-native solutions and MSSQL database-native export processes were the basis of this database migration. An EC2 instance exported source data using bulk copy program. Using Cloud SDK (gsutil), Qwinix moved data from AWS to GCP and loaded it into a Storage Bucket. Data was imported into CloudSql using gcloud and a Python-based solution was used to load and handle incremental data load.

## The results

Digible's Fiona is now hosted on GCP which provides more ROI. Running the complete app on GCP gives more performance growth to the application as well as better connectivity with open marketing datasets like Google Analytics via cost-saving connectors. With the newly fine-tuned models, erroneous data was rectified and paved the way for leading-edge insights.

> " Qwinix has been a great asset in Digible's strategic move from AWS and into Google Cloud, guiding us in the process as well as providing recommendations that not only help alleviate technical debt, but also save us thousands of dollars over long-term. We are looking forward to taking on several other initiatives with the talented Qwinix team. "
>
> Victor Dozal, Director of Engineering, Digible, Inc.

**DIGIBLE**

### About Digible, Inc.

Digible is a Denver based agency providing a full spectrum of digital marketing solutions for the apartment industry. Digible is a passionate and forward-thinking team designed to accelerate the world of multifamily housing marketing.
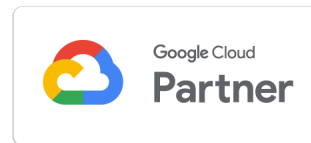
Industry: Advertising & Marketing

Primary project location: United States

**qwinix**

### About Qwinix Technologies. Inc.

Qwinix is a digital product development firm based in Denver, CO.

Google Cloud **Partner**

### Products

Google Cloud Platform