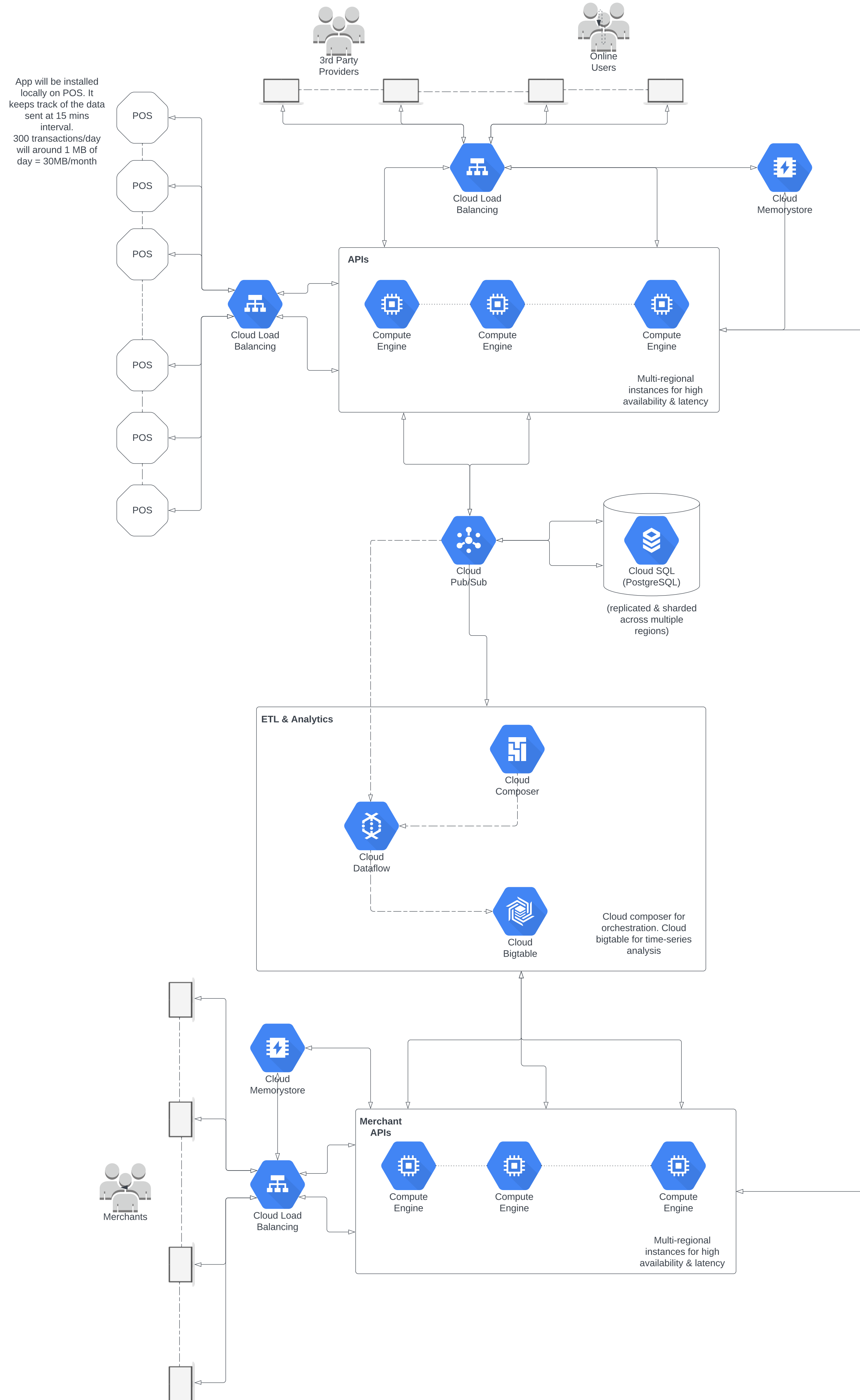**3rd Party Providers**

Online Users

App will be installed locally on POS. It keeps track of the data sent at 15 mins interval.
300 transactions/day will around 1 MB of day = 30MB/month

POS

POS

POS

POS

POS

POS

Cloud Load Balancing

Cloud Load Balancing

Cloud Memorystore

APIs

Compute Engine

Compute Engine

Compute Engine

Multi-regional instances for high availability & latency

Cloud Pub/Sub

Cloud SQL (PostgreSQL)

(replicated & sharded across multiple regions)

Get metrics for customers

ETL & Analytics

Cloud Composer

Cloud Dataflow

Cloud Bigtable

Cloud composer for orchestration. Cloud bigtable for time-series analysis

Cloud Memorystore

Merchants

Cloud Load Balancing

Merchant APIs

Compute Engine

Compute Engine

Compute Engine

Multi-regional instances for high availability & latency