# Components

Diagram

Description automatically generated

# Processing Flow (Sequence)

Diagram

Description automatically generated

# Processor Service

Diagram

Description automatically generated

# data service

# Deployment

## Single-node, multi-instances

Diagram, schematic

Description automatically generated

## Multi-node, multi-instances

Diagram

Description automatically generated

# Technology Stack

## Microservices

Diagram

Description automatically generated

## Storage

Relational Data Services : like AWS RDS | AWS Document DB (low to medium data volume)

NoSQL : Couchbase, AWS DynamoDB,

## Computing

EC2 + EKS (Kubernetes + Docker) + Auto Scaling + AWS Cloud Watch

## Monitoring

## Prometheus + Grafna | AWS CloudWatch