# Architectural Overview

Adopted solution
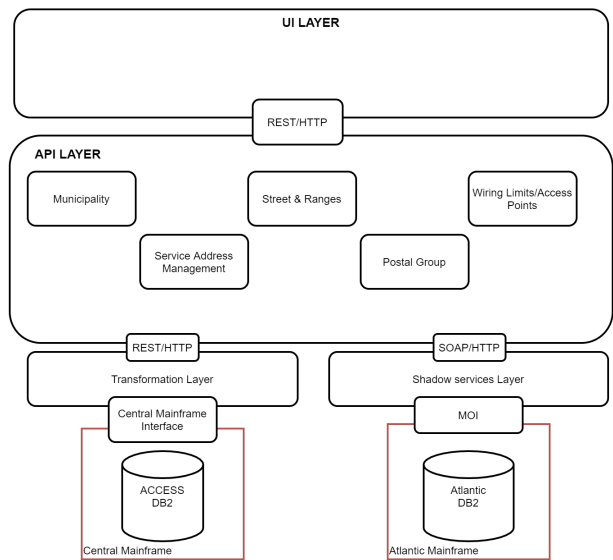
Candidate solution 1

Candidate solution 2

UI LAYER

REST/HTTP

API LAYER

Municipality

Street & Ranges

Wiring Limits/Access Points

Service Address Management

Postal Group

DAO

ORACLE JDBC

Kafka producer

UI DATABASE

Oracle

TOPIC

Events

- CREATE
- UPDATE
- DELETE.

update Sync flag
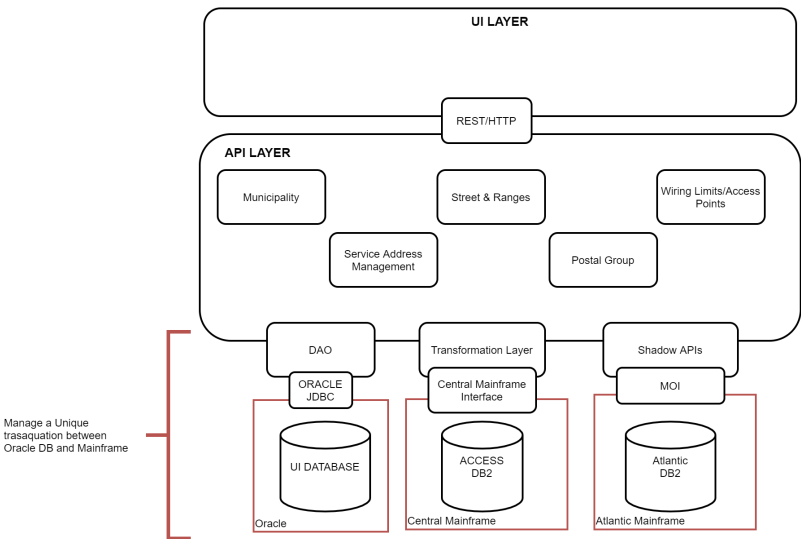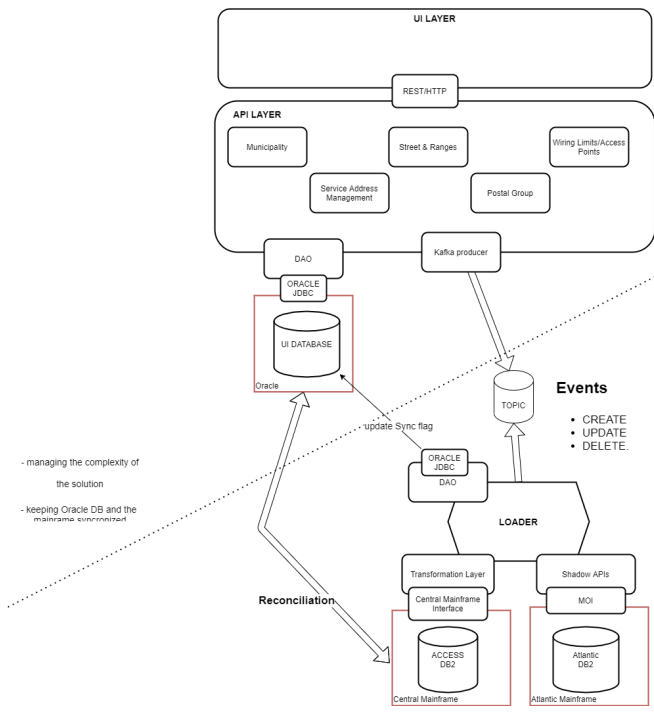
- managing the complexity of
  the solution
- keeping Oracle DB and the
  mainframe syncronized

ORACLE JDBC

DAO

LOADER

Reconciliation

Transformation Layer

Shadow APIs

Central Mainframe Interface

MOI

ACCESS DB2

Central Mainframe

Atlantic DB2

Atlantic Mainframe