

Data Platform Implementation – 1

Client Situation: Monolithic Application Based Thick Client Architecture with Non-Distributed DB Store

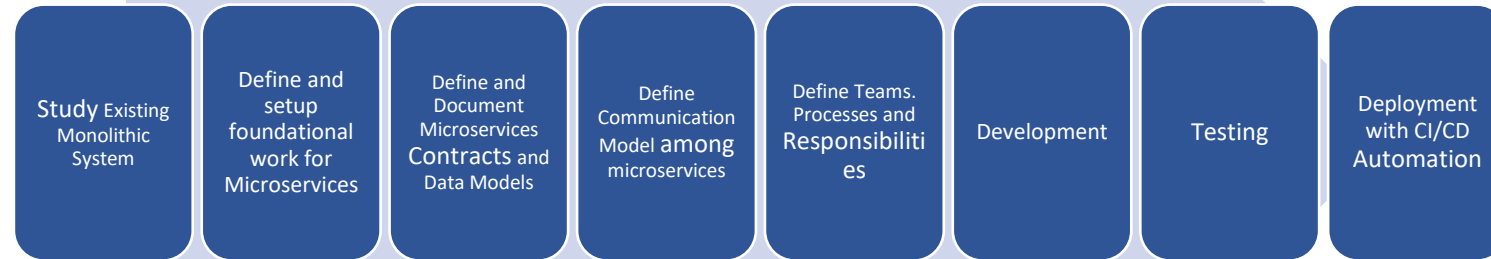
Problem Statement:

- The company manages teacher's insurance association financials
- There were multiple channels (web and desktop) to update customer financial records.
- Different channels have different performance, latency and data sync issues due to multiple back-end systems.
- Customer experience rating was falling.
- Maintenance Cost was soaring decreasing the profit margin.
- Difficult to maintain compliance and audit as multiple channels are changing or managing customer data without proper tracing.

Our Solution:

- Domain Driven Microservices Design to ensure single entry/exit point to every domain objects.
- Centralized Microservices Governance Model Development to ensure co-ordination between 100s of microservices ensuring standard compliance protocols implementation as per organization policies.
- Message domain event based microservices design for data creates and updates and DWH consolidation for reports
- Extensive Caching Mechanism to improve performance.
- Handover and technical training of existing staff of more than 1000
- Cloud agnostic solution with redundancy and disaster recovery across multiple cloud vendors

Our Approach



Technologies Used:

