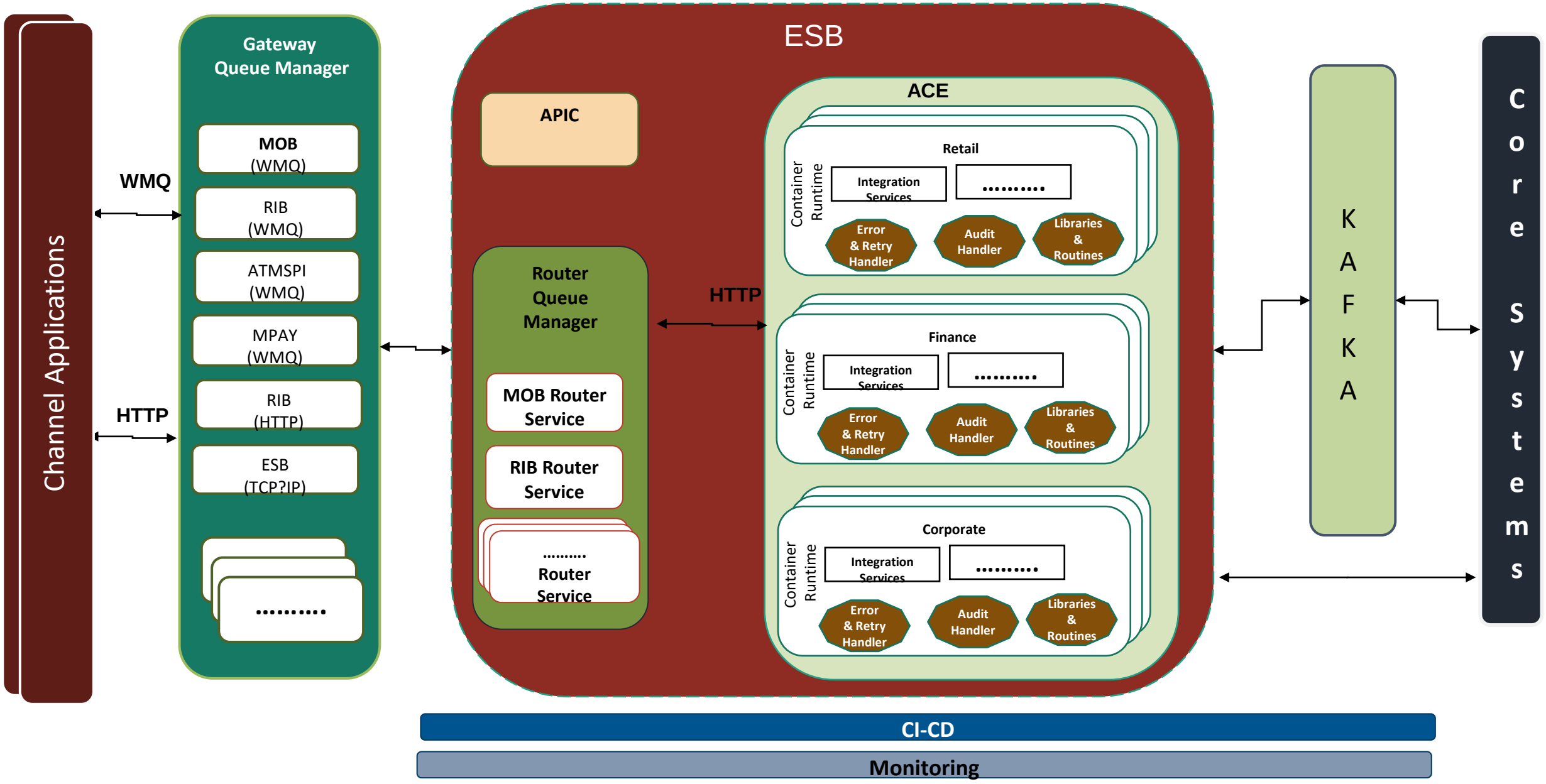
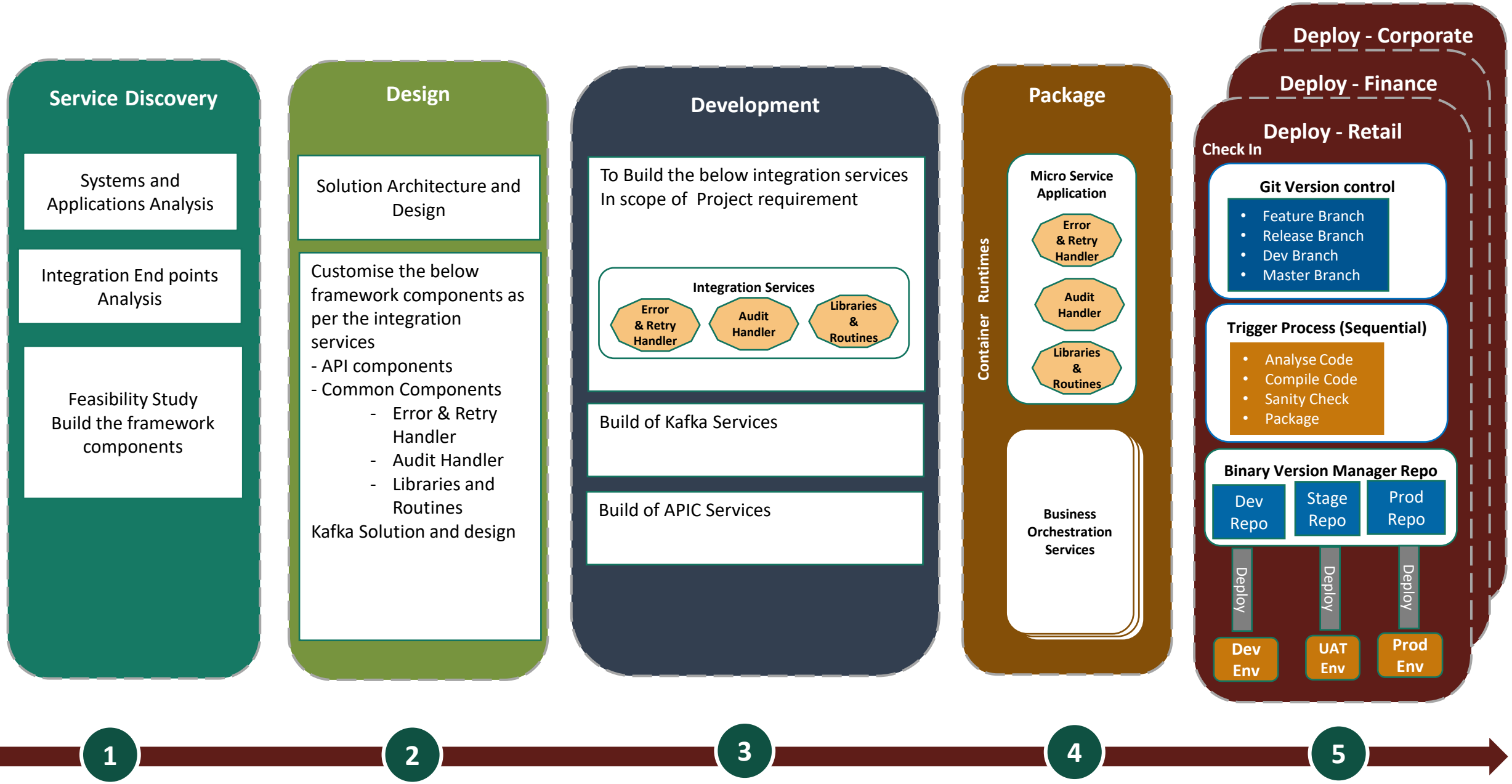
Channel Info Store

Technical Document v1.1

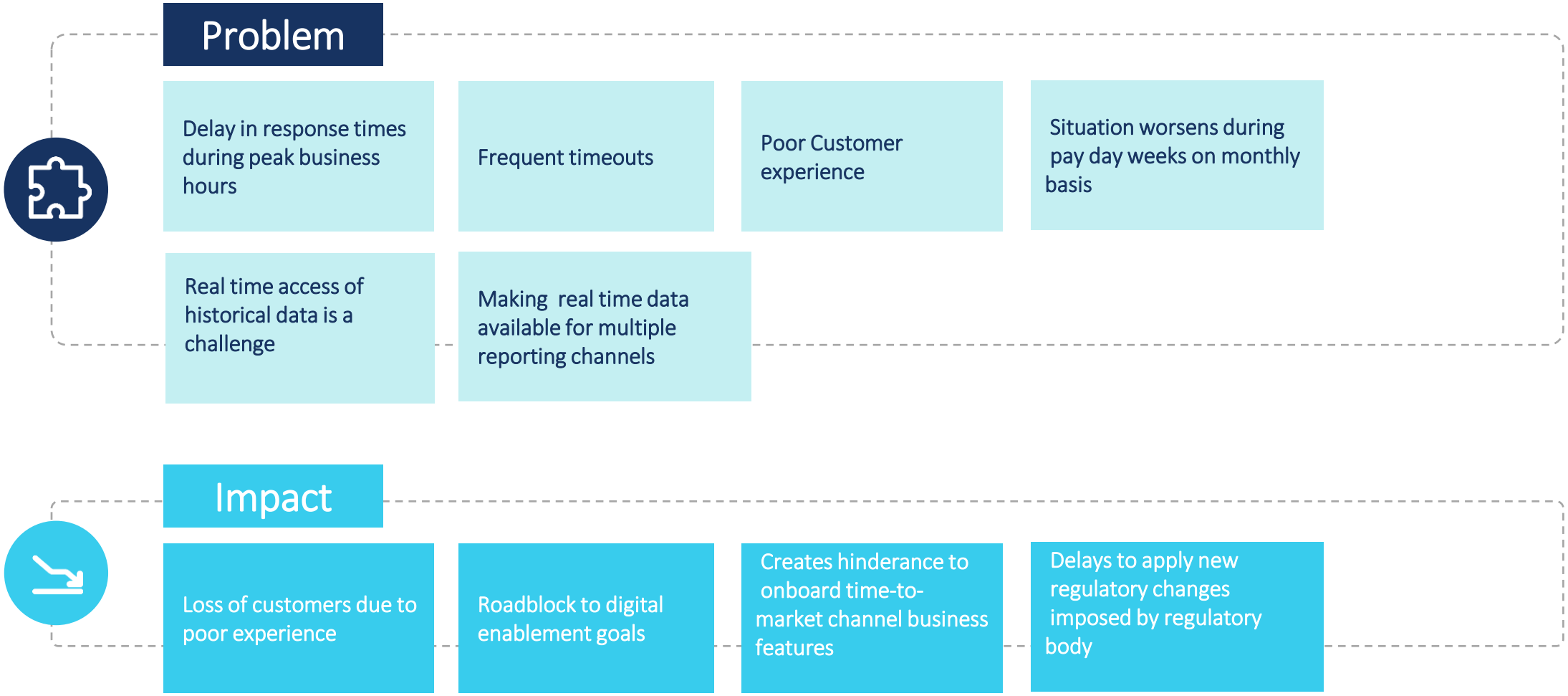
Integration Services Solution



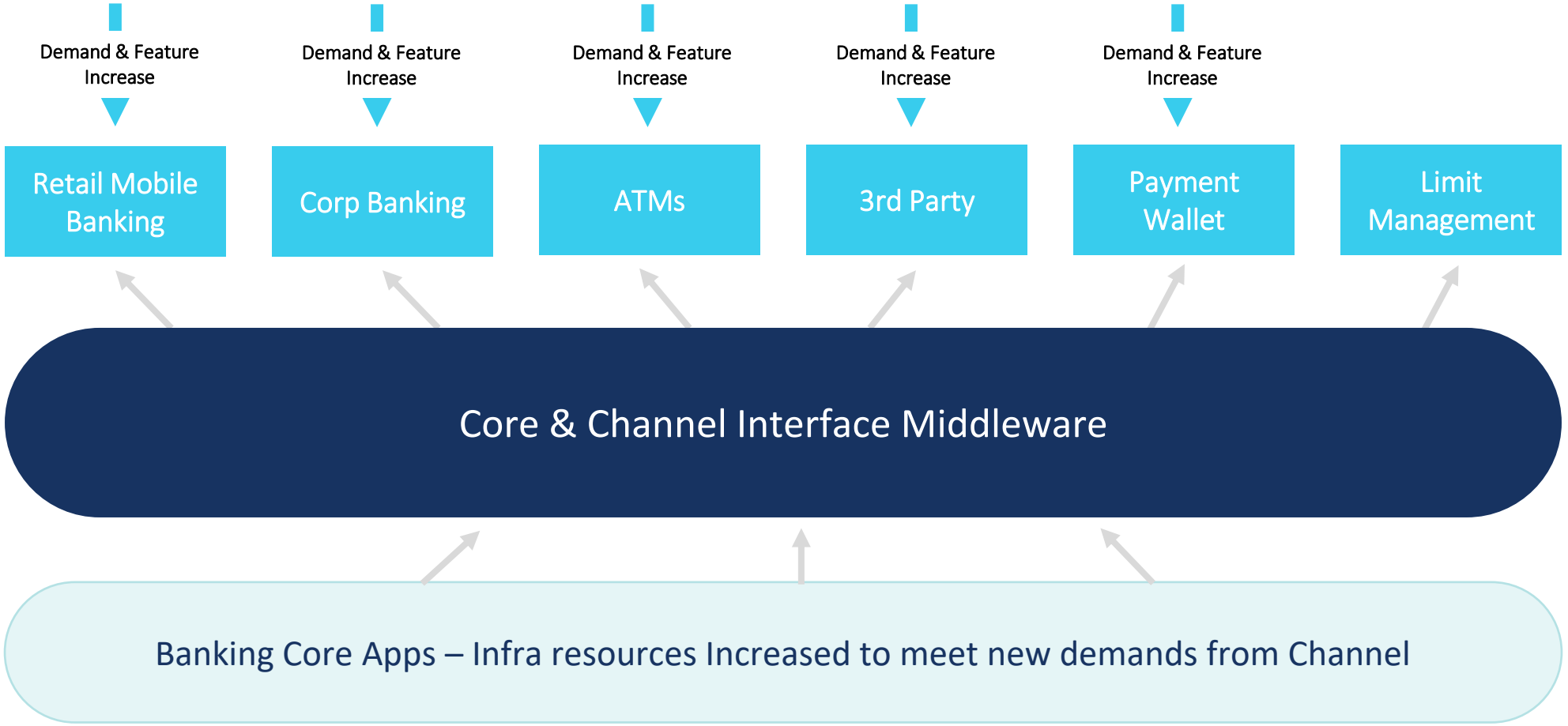
Integration Services – Strategic Solution Approach



Problem Statement in a typical bank



Problem Statement : Digital Journey in Banks are Challenging Why?

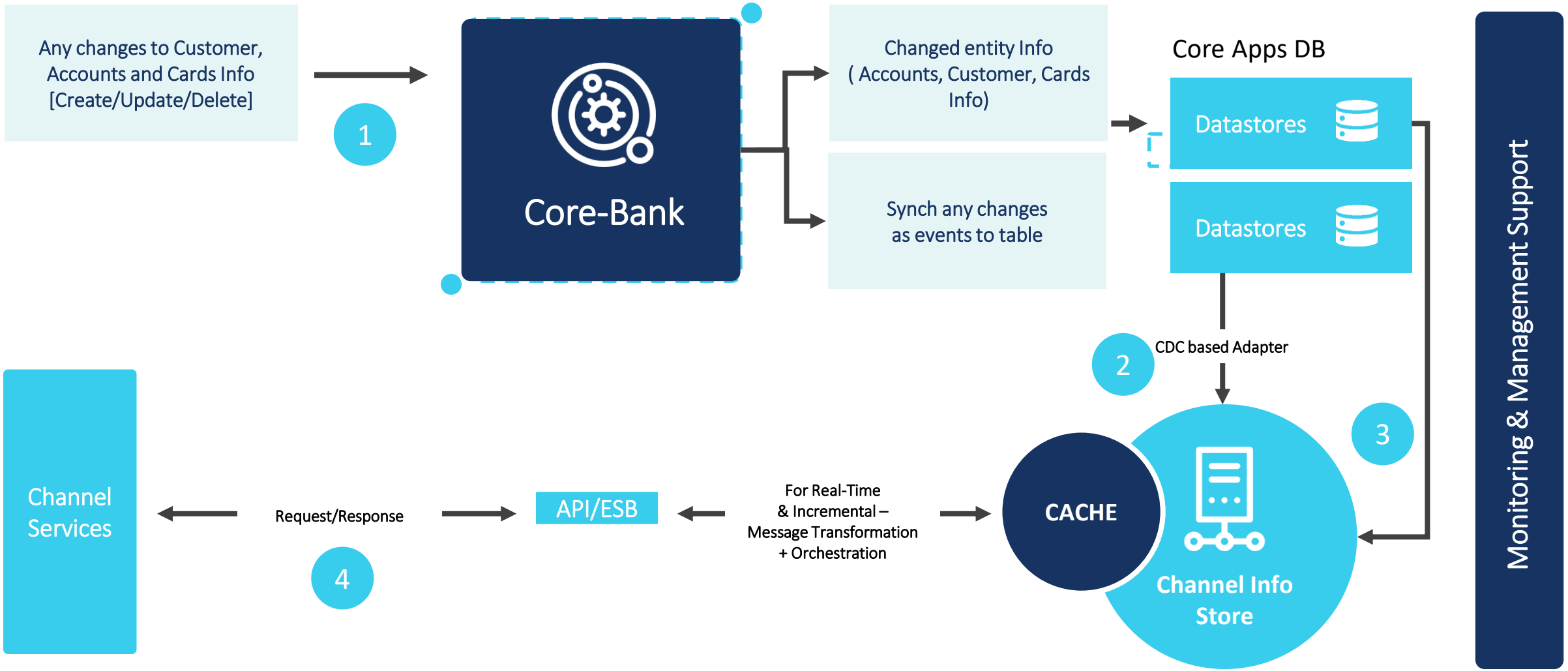


Frequently Used Banking Services Entities

In general, below are the frequently used entities in a banking system. For a new implementation, it is suggested to take the read related channel interface services and then move to more complex business functions for
ex : transaction related.

01	02	03	04
Customer	Accounts	Cards	360 Degree View
05	06	07	08
Transactions statements – historical And daily	Online Money Transfers	Batch Payments	Lending

Real-time Channel Integrator : Proposed Approach Reference



Integration Platform Modernization – New Components and Services

01 EntryMsgFlow

02 ExitMsgFlow

03 ErrorHandlingSubFlow

04 Database Calls Logic

05 Logging Framework

06 Application Framework

07 Logs Backup and Restore

08 CI-CD automation

09 Containerized platform

10 Real time monitoring - ELK

11 Backend calls using Kafka streaming

12
- Dynamic scaling
- Dynamic Routing

13 Improved Agility
Faster resolution time to identify and fix any failures/faults

14
- Ease support of Managed Services
- Swiftly create integration services

Key Benefits

01 Re-designed service flow with lean framework

02 Improved consistency & average response time

03 ~2 times improvement in volume of data processed

04 Scalable Environment

05 Speed, Flexibility, & Agility

06 Offload reads from core system

07 ✓ DevOps Pipeline automation

08 ✓ Real Time monitoring Support - ELK

09 ✓ Future Proof Framework and resusable components

VISMAYA

Thank You