Cross Geography Pharmaceutical Data Privacy Framework: Implementation Overview

Detailed Requirements Phase

Development and Configuration Phase

Planning and Discovery (Week 1-2)

- Regulatory assessment –
 Perform detailed analysis of data
 residency regulation as per data
 location and cross-border usage
- Create data mapping of existing data and classify them based on sensitivity and data residency requirements
- Define and agree on the POC scope

Design (Week 2-3)

- Select two prioritized regions
- Design the policy grid matrix as per the data location and user location
- Add the data protection techniques as per user role and data location abiding by regulation compliance
- Customize the policy grid framework as per the requirements
- Deployment Architecture
- Monitoring KPI's

MVP Implementation (Week 4-8)

- Implement the policy grid framework via Policy engine
- Policy enforcement integration routines
- Test and validate the output with different scenarios
- Build interactive and smart user interface
- Benchmark the performance of engine for volume and speed
- Create and maintain Solution implementation documentation
- OPA Observability and Manageability

Client will be responsible for providing test data per CitiusTech's request. CitiusTech will perform Consulting, Assessment, Requirement analysis, and discovery to create Data Privacy Framework which ensures a compliance-driven architecture with in-depth compliance assessment, data governance policies, configurable anonymization, policy-based access control, and on-demand anonymized data sharing outside the region. CitiusTech estimates a 12-week timeline after operational readiness with 2 Geography use cases.

