

Use Cases for Life Sciences: Pharmacovigilance

Is it really possible to address compliance and promote patient safety with less effort?

APPIAN CUSTOMER

- Large, multi-national pharmaceutical company.
- 100,000+ employees.
- Global presence across 100+ countries.
- Hundreds of marketed products.

CHALLENGES

- Global, cross-functional nature of mission critical process for tracking and managing drug safety signals.
- Large, global workforce.
- Different regulations across different regions.
- Hundred of products.
- High reliance on paper.
- Legacy applications and information silos are causing major bottlenecks.
- Low compliance rates are creating significant delays in adjudication of the safety signal.

GOALS

- Dramatically increase efficiency of signal tracking.
- Improve compliance rates with health authority regulations.
- Centralize information from across many systems.
- Overhaul reporting for fast, complete auditing on-demand.

Sample App: Safety Information Tracking System

BUSINESS CASE

- Legacy paper-based process is dangerously inefficient.
- Low compliance rates due to high risk of missing strict filing deadlines.
- Lack of a central, secure repository negatively impacts auditing.

APPROACH

- Automate key steps to concurrently speed processes and reduce errors.
- Unify data from across systems to create a single view for all.
- Create a reporting mechanism where current reports are available on demand.

RESULTS

- Reduced report generation from 6 days to seconds.
- Increased compliance with Health Authority regulations to >99.99%.
- Automated key process steps to dramatically decrease signal adjudication time.
- Now, positively impacting patient safety and health continually.
- And, all of this came about in just 16 weeks...with Appian.



Appian

Existing Applications

CLINICAL: Site Initiation – Readiness – Effectiveness Study Start Up, "1572", IP (Green Light), Global CRO Contracts, Pre-approval Inspection

CMC: High Throughput Experiment Tracking, Global Compound Ordering, LIMS

REGULATORY: Regulatory Operations, IDMP, e-Submissions & Publishing, Online 510K FDA Review

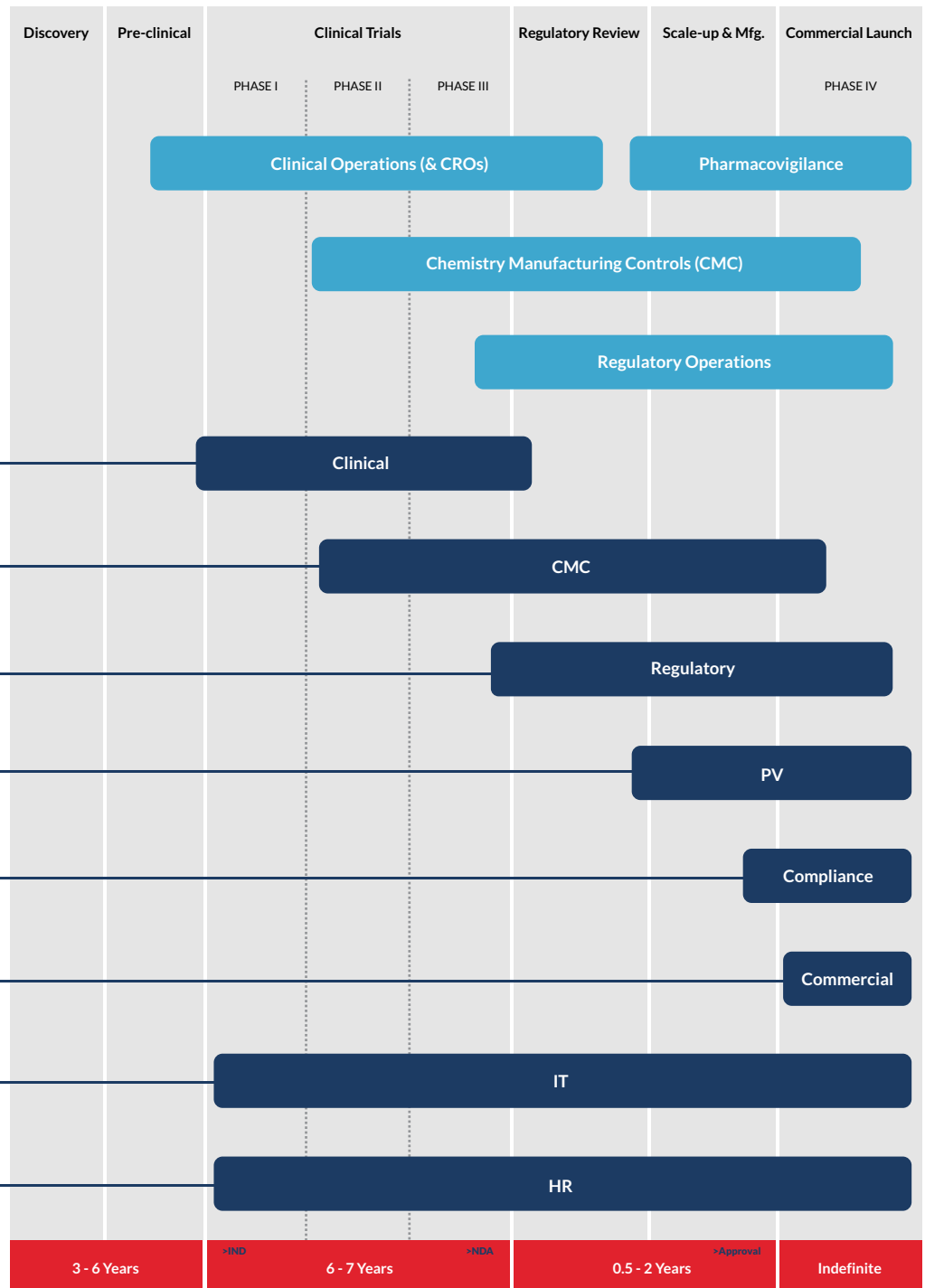
PV: Safety Information Management, Safety Signal Tracking

COMPLIANCE: Anti Bribery and Corruption (FCPA), Third Party Intermediaries, Sunshine Act

COMMERCIAL: Sales Force Automation, Contracts

IT: Asset Management v. Resources, Statements of Work Management

HR: On Boarding, Recruiting



Appian

Appian delivers an enterprise platform for digital transformation that speeds time to market and value to the patient. Powered by industry leading capabilities, Appian's approach radically accelerates the time it takes to build and deploy powerful, modern applications, on-premises or in

the cloud. The world's most innovative life sciences organizations use Appian to revolutionize their customer experiences, transform their operations, and master regulatory compliance.

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