



Use Case for Life Sciences: Investigator Sponsored Research

Challenges.

This life sciences organization outgrew its current application as an off-the-shelf system for Investigator Sponsored Research. That system could no longer implement the full range of necessary processes or accommodate their ongoing need to scale up capabilities. Their current capacity hindered their ability to move through processes quickly and thoroughly. In the absence of the right technology tools that provided the appropriate flexibility, stakeholders instead were forced to perform more manual workarounds.

The existing solution's deficiencies included the following:

- Tracking and reporting challenges and lack of dashboards.
- Lack of intuitive UI.
- No single place to capture and review communications.
- Lack of end to end integrations with other systems.

Results.

While searching for a comprehensive solution, the organization evaluated over a dozen COTS and platform vendors. They selected Appian for its ability to rapidly meet all of the desired requirements.

Using Appian, this group was able to deliver a flexible, scalable system that met their user requirements, including leveraging their active directory through single sign-on and multi-factor authentication for security and compliance. They also implemented mobile applications on both iOS and Android, natively, without additional development efforts while supporting flexibility for offsite work—especially important during the COVID-19 pandemic.

Application goals.

The organization had a list of specific core capabilities necessary for application implementation and maintenance, with the goal of providing high-quality service to stakeholders and ultimately patients. This process focused on accelerating product time to market. The desired core capabilities included the following:

- Web forms.
- Enhanced user interface.
- Dynamic workflow for task and user assignments.
- Mobile enabled.
- Ability to integrate with other systems' infrastructure and to drive end-to-end visibility and transparency.

Company profile.

A publicly traded global biopharmaceutical company.

11,000 plus employees worldwide.

Goal for this application included the following:

Government compliance across the globe.

Functionality to support evolving business needs.

Easy to integrate with current systems.

Consistent process implementation globally.

Easy-to-use high functionality for evolving business.

Cost-effective implementation and maintenance.



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 and Publishing, Online 510K FDA Review

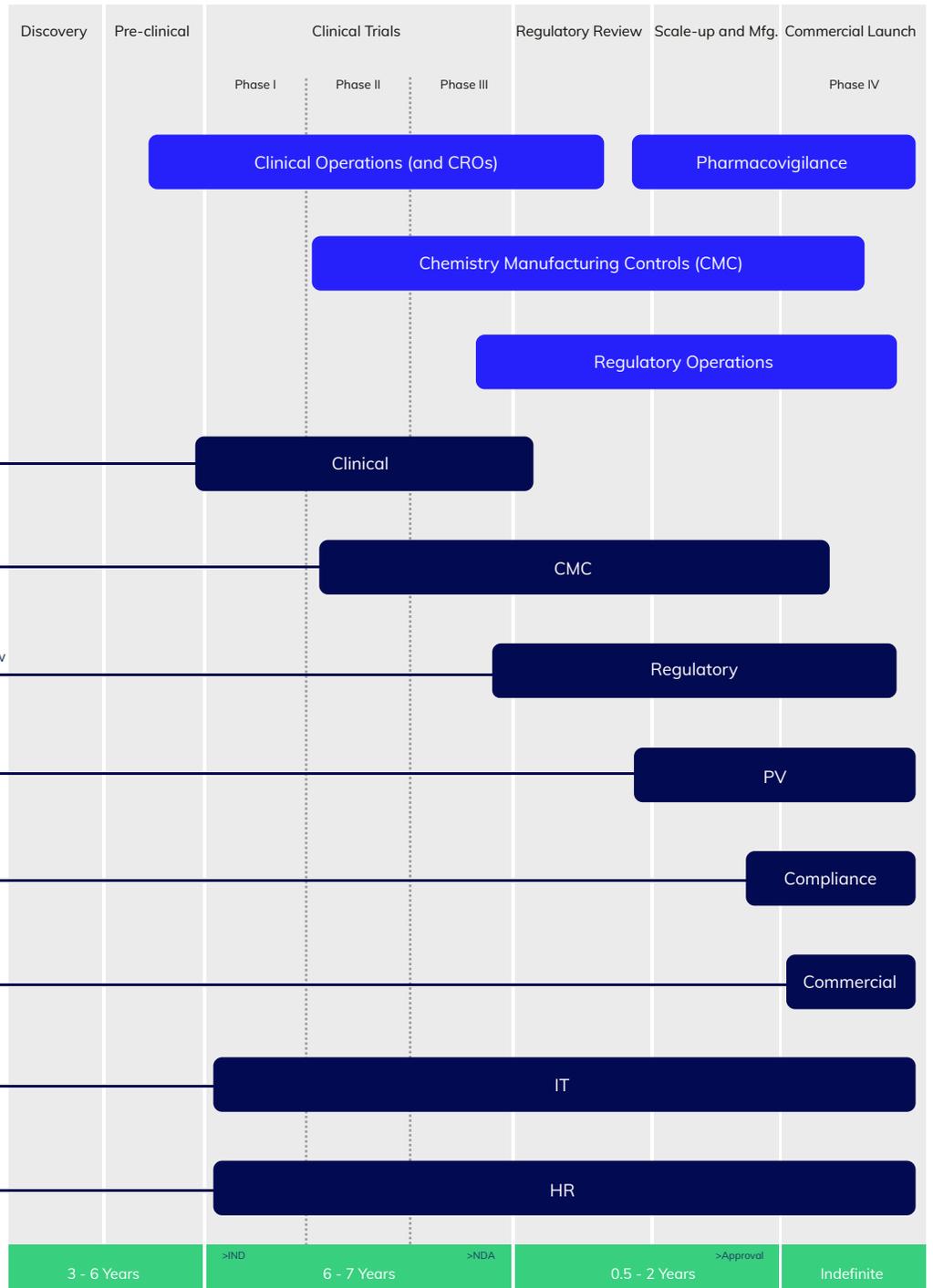
PV: Safety Information Management, Safety Signal Tracking

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

COMMERCIAL: Sales Force Automation, Contracts

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

HR: Onboarding, Recruiting



Nine of the world's top 10 largest drug and biotech companies trust Appian.

