



## Use Cases for Life Sciences: Regulatory Startup

Accelerate the clinical trial process and ensure compliance with a flexible and innovative platform.

### Challenge.

The regulatory compliance and legal issues associated with clinical trials required a huge manual effort from employees. Variations in regulations across countries and sites provided added complexity to maintaining compliance. This made the planning and startup of clinical trials challenging and extensive, ultimately slowing down the entire process.

Once a trial had been initiated, keeping track of progress was a difficult task. Clinical trials were typically executed across multiple sites internationally, requiring tracking and monitoring across many regions simultaneously. Multiple systems were used for the purpose of managing these trials and much of the process was aided by the extensive use of spreadsheets for inserting and tracking manual updates on trial progress.

### Solution goals.

The customer sought a digital transformation platform to streamline the clinical trial process. They needed automated and on-demand process tracking that offered continuous updates as well as the ability to tailor their processes to comply with varying international regulations. They also needed to implement efficient processes that would speed up their trial startup and execution time. They turned to the Appian platform for help.

### Results.

- Time to complete a clinical trial cut down 15%
- Customization to ensure compliance in every region
- Automated process tracking for all sites
- Improved customer service
- Enhanced employee experience
- Better oversight
- Reduced cost
- Enhanced quality
- Better Traceability and auditability
- Valuable metrics to support continuous process improvement

### Company profile.

Leading international clinical trial and health data company.

50,000+ employees.

Executes over 900 clinical trials a year globally.

Focus on improving clinical trial process and promoting innovation.

Appian is the unified platform for change. We accelerate customers' businesses by discovering, designing, and automating their most important processes. The Appian Low-Code Platform combines the key capabilities needed to get work done faster, Process Mining + Workflow + Automation, in a unified low-code platform. Appian is open, enterprise-grade, and trusted by industry leaders. For more information, visit [appian.com](https://appian.com).



## 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

