



Use Cases for Life Sciences: Digitize for Increased Productivity

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

Challenge.

This high-growth company was struggling to find an IT platform that could effectively orchestrate work across functions and systems to support future growth. The organization faced dated technology and siloed systems that were patchworked together, resulting in inefficient processes and frustrated employees.

The company was also challenged with new regulations from Health Authorities, adding a layer of complexity to maintaining compliance. New market needs such as a demand for faster time-to-market of their medicinal products also added stress on the company. With disjointed processes, these challenges would be insurmountable without technology that could support a significant digitization effort.

Solution goals.

The company determined they needed to standardize workflows to track and monitor progress against critical business metrics across their R&D clinical and regulatory operations. They also wanted to develop a system of data, knowledge and document management that could provide updates on the status of medicinal products in the development and regulatory lifecycles.

The ability to integrate with pre-established systems, leverage prior investments and create a streamlined process for employees were also considered necessary for the implementation.

Results.

The company chose a low-code application development platform approach in order to accomplish their digital transformation initiative with the desired sense of urgency. They are now able to deploy and integrate apps quickly to meet their digital productivity objectives — like the R&D Operations and Budget Planning app that was implemented in just 3 weeks.

Company profile.

International pharmaceutical research, development and commercialization company.

Leader in the field of pharmaceutical and consumer products.

Operations in 20 countries with over 3,000 employees.

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.

Using the Appian Low-Code Platform the company has:

- Improved employee experience and productivity
- Enhanced quality and efficiency, and reduced costs while increasing speed of operations
- Delivered effective document management
- Enabled robust Regulatory Information Management
- Provided workflow automation for collecting data and populating databases
- Maintained compliance through regular submissions to regulatory organizations
- Ensured workflow tracking and monitoring
- Streamlined processes across systems



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

