

Transforming the Life Sciences Product Lifecycle

A DIGITAL PLATFORM APPROACH TO INNOVATING ACROSS THE PRODUCT LIFECYCLE

- > Speed time to market
- > Reduce risk throughout the lifecycle
- > Continual process improvement
- > Differentiate in the marketplace

Most patients are only aware of the finished dosage form they are administered. They're mostly concerned with the elimination of their symptoms and ailments.

Yet, in order to get to this finished dosage form, there's a very complex product development and commercialisation product lifecycle at play, which starts with research and development and the discovery of new molecules or biologics that lead to new treatments. Eventually this leads to clinical trials to build a better understanding of the interactions in a real life patient model, including any adverse events and side effects. A balance is then struck between risks and benefits and along the way and this path is froth with government regulations intended to ensure patients are getting the best and safest product possible once it reaches the market.

Over the past few decades, the regulations governing the development and commercialization of drug products have only increased, making speed to market a bigger challenge for life sciences companies. The checks and balances these regulations provide are necessary to keep industry in check. However, regulations do create a burden on industry. They may slow innovation or impact the speed at which new treatments reach the market and patients in needs.

Manufacturers must continuously improve their process at each stage of the drug product lifecycle in order to remain relevant and competitive.

Its these challenges, and the ultimate goal of being first to market with a safe, efficacious, quality product in order to serve patients better, that has life sciences companies looking for the best digital technology to address each stage of the lifecycle.



Enter the Appian Digital Transformation Platform for Life Sciences

With a single, unified digital platform, and a deep understanding of how people and processes interact with data, Appian allows you to easily track your product's lifecycle and bring it to fruition on your desired timeline. Throughout the lifecycle Appian provides the following features keys to life science companies:

- **Enable views across multiple elements:** Appian provides process alignment across the organization that helps improve business efficiency and effectiveness

- **Facilitate data model process:** Appian helps simplify the overall process of building the data model, connecting the various data stores, and orchestrating the work to establish consistent data
- **Drive actions and decision making:** Appian provides the awareness and knowledge required for solid decision making and actions — better work through better decisions.

IMPACT

- Adhere to regulations
- Unify all data
- Adapt to changing requirements
- Automate core processes
- Reduce risk
- Speed up decision making
- Increase collaboration

CAPABILITIES

- Integrate Systems
- Social Collaboration
- Enterprise Reporting
- Action and Process Orchestration
- Mobile Access
- Complex Approval Routing
- Agile Delivery

VALUE

- Support leaders tasked with orchestrating life cycle tracking efforts
- Provide top level views of how the organization is doing
- Information at your fingertips available when necessary and where necessary
- Continuous process improvement

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 can radically accelerate 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 reinvent their customer experience, transform their operations, and master regulatory compliance.

For more information, visit www.appian.com