



Five Ways Appian Drives Transformation for Medical Devices

ACCELERATE INNOVATION TO UNLOCK PATIENT VALUE

The medical device industry is undergoing a series of new regulations, safety requirements, and a demand for more personalized products. This is leading many organizations to look to digital transformation in order to control costs, enhance patient value, improve efficiency, promote innovation, and grow their business.

Discover the benefits of a low-code application platform approach to accelerate innovation and unlock patient value across the product lifecycle.



Appian, The Digital Transformation Platform® is helping medical device organizations achieve transformational results: speed to market, effective safety and medical device vigilance, improved regulatory operations, efficient research and development, and guidance when it comes to government regulations across the globe.



SPEED TO MARKET

Appian is fast. In fact, application development on Appian is more than 10X faster than traditional development. That's because of Appian's low-code platform approach which is bolstered by visual tools and drag-and-drop functionality. Your IT organization can rapidly build and deploy natively-mobile apps and empower business users and citizen developers to do the same. What this really means for life sciences organizations is the ability to bring these critical applications to fruition more quickly.

Appian customers have been able to deliver an average of 38 applications over three years, resulting in greater than \$12 million in incremental business value delivered per year.

– FORRESTER RESEARCH TOTAL ECONOMIC IMPACT ASSESSMENT OF THE APPIAN LOW-CODE PLATFORM

Accelerating speed to market is critical to maximize a product's lifecycle within its patent time frame and deliver value to the patient that much sooner.



STREAMLINE RESEARCH & DEVELOPMENT

Appian accelerates research and development (R&D). Increased regulatory scrutiny and skyrocketing costs are hindering research and development. Appian's platform can help organizations manage complex projects, offering more efficient and transparent processes. Unified data and processes allow life sciences organizations to sync operations across multiple systems and automate manual activities, reducing both risk of error and cost of operations.

Clinical Trials: Appian transforms clinical operations to enable clinical innovation. Streamline key processes like protocol development, study start-up, and contracting decisions to speed operations and time to market while increasing efficiency. With Appian, companies can import study information and standardize processes to create a global view of the most current data.

We chose Appian because they provided the fullest end-to-end solution for connecting our data and our unstructured information in a cohesive way, and it also provided us with an interface that would help us make it easier for our colleagues to use these systems.

– CHRIS LEE, MERCK & CO.





ASSURE SAFETY AND MEDICAL DEVICE VIGILANCE

Master safety information tracking, management, and reporting. Appian's end-to-end solution provides process transparency for all cases including bottleneck detection. Appian can bridge legacy systems and databases for efficient and effective medical device vigilance activities.

The safety and medical device vigilance process requires consistent reporting to health authorities. Appian can offer a single source of truth, producing real-time updates and efficiently handling thousands of reports across regions.

One Appian customer created a Safety Information Tracking System and achieved compliance with Health Authority regulations of over 99%. Automation dramatically decreased signal adjudication time, and the time to generate reports was reduced from six days to just five seconds.



IMPROVE REGULATORY OPERATIONS QUALITY

Appian enables effective regulatory automation, monitoring and control. With advanced business process management capabilities, Appian allows you to drive efficiency in your regulatory efforts during each step of a product's lifecycle, so applications and processes are compliant throughout the entire process.

Regulatory Information Management (RIM): The Appian approach to Product Registration & Submission Management has helped life sciences organizations successfully manage a regulatory portfolio of thousands of products across over 150 countries, comprised of global, regional, and local projects. Using Appian, organizations can increase submission quality while decreasing system maintenance costs, organizational complexity, and time to market.

We needed a new regulatory submission management platform that combined quality and compliance with the flexibility to bring each new drug to market as quickly as possible. With Appian, we have simplified our end to end business processes, and created a single authoritative source of truth.

— MULTINATIONAL PHARMACEUTICAL COMPANY





POWER TO TRANSFORM

Appian is a powerful platform capable of transforming the enterprise while assuring governance, risk and compliance. Intelligent automation – Artificial Intelligence, Robotic Process Automation, and Business Process Management – plus advanced case management and collaboration capabilities help to unify siloed data and tackle enterprise-wide transformation efforts.

Data controls help to automatically document regulation changes and audit reports. And, organizations in the cloud can maintain GxP compliance and data integrity on the Appian Cloud by ensuring audit trails, establishing service level agreements (SLAs), and monitoring changes.

Dedicated to helping its life sciences and pharmaceutical customers achieve compliance with international quality standards and demonstrate best practices, Appian designed its platform's core architecture to satisfy Title 21 CFR Part 11 (Code of Federal Regulations establishing the US FDA regulations on electronic records and electronic signatures (ERES)) requirements as well as GxP.

– FROST & SULLIVAN, 2018 NORTH AMERICAN DIGITAL TRANSFORMATION PLATFORM FOR LIFE SCIENCES & PHARMA PRODUCT LEADERSHIP AWARD

Appian's integration capabilities can handle data from thousands of sources, breaking down silos and unlocking valuable information from across the organization into a single view. The scalable architecture of the platform supports performance no matter how many users, so organizations can roll applications out globally with confidence.

Appian

Appian provides a software development platform that combines intelligent automation and enterprise low-code development to rapidly deliver powerful business applications. Many of the world's largest organizations use Appian applications to improve customer experience, achieve operational excellence, and simplify global risk and compliance.

For more information, visit www.appian.com