Appian

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 for innovative solutions to control costs, enhance patient value, improve efficiency, 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's 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.

...Frost & Sullivan applauds Appian for having developed a truly unified, low-code digital application development platform that empowers its customers to quickly and easily build applications so life sciences and pharmaceutical companies can now speed up product innovation and add value for patients, maximize operational performance, and respond to the ever-changing risks and regulations in a timely manner.

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

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.

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.

POWER OF AUTOMATION

Appian is powerful. Advanced business process management, case management, artificial intelligence, and collaboration capabilities help to unify siloed data and tackle enterprise-wide transformation efforts.

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.

Plus, mobile apps built on Appian are native. That means you design once, and your app works natively and as expected on virtually any device. Workers are enabled to perform their jobs in the optimal location to provide the best experience on-the-go and customer-facing apps live up to rising digital demands.

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 and millions of devices across over 150 countries, comprised of global, regional, and local projects. Using Appian, organizations can increase submission quality and achieve over 99% regulatory compliance 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 product 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

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Appian provides a low-code development platform that accelerates the creation of high-impact business applications. Many of the world's largest organizations use Appian applications to improve customer experience, achieve operational excellence, and simplify global risk management and compliance.

For more information, visit www.appian.com