Early Adopter Story

Multinational Medical Device and Healthcare Organization Embraces LifeSphere® LitPro to Automate Literature Search and Monitoring
SUMMARY

A large multinational medical device and health care organization was looking for a way to bring automation and a higher degree of control to their existing Medical Literature Monitoring (MLM) processes. They were also looking for tighter integration with their Pharmacovigilance (PV) IT systems already in place. Observing this need, not only for this organization but for other global life sciences companies, ArisGlobal and the medical device and healthcare organization partnered to build an innovative product to address these challenges. This began the development of LifeSphere® LitPro, a full-service automated literature screening and monitoring solution designed to help life sciences organizations meet regulatory compliance requirements by scanning global and local literature databases for safety-relevant information including products, adverse events, medical terms, and investigations.

KEY CHALLENGES

Before working with ArisGlobal, the medical device and healthcare organization identified specific key challenges related to its existing MDM processes that required adjustment. For example, even though their current tool enabled automated literature search externally, the organization was forced to enter cases into its existing safety system manually. Additionally, its existing application did not provide a comprehensive receipt repository. Finally, with their existing MLM system, reports could not be generated outside of the system to maintain an overview of the application and workload. The overall consensus was that the identification of safety-relevant alerts was a manual and time-consuming process, with no flexibility for customization. The result was inefficient literature searches and processing techniques.
The medical device and healthcare organization began searching for an alternative. Though there are a handful of literature review solutions in the market, none of them properly addressed pre-defined needs. Some systems, for example, were not compatible with their current safety IT platform. Others proved to be too tedious to use. Most systems necessitated manual case data entry, while also requiring data to be entered numerous times.

**STRATEGY AND SOLUTION**

Based on the medical device and healthcare organization’s long-term relationship with ArisGlobal, spanning more than 15 years across the Safety, Regulatory, Clinical and Medical Affairs domains, they agreed to collaborate in developing the life sciences industry’s first and only solution to effectively automate all steps in the medical literature monitoring process. The solution was designed to complement and integrate with the medical device and healthcare organization’s existing MDM solutions, not replace them.

Throughout the development of LifeSphere® LitPro, users have been testing the product and providing valuable feedback. This data has been collected in an online tracking portal and utilized to identify new requirements and enhancements, allowing all LitPro customers to benefit from a truly collaborative approach.

Today, ArisGlobal’s LifeSphere LitPro application is a full-service automated literature screening and monitoring solution built to help life sciences organizations meet regulatory compliance requirements by scanning global and local literature databases for safety-relevant information including products, adverse events, medical terms, and investigations.

LifeSphere LitPro automates the process of:

- Identifying and retrieving all relevant journal article details from bibliographic databases.
- Scanning the selected information sources for relevant safety information and applying basic attribution rules to determine if there is a relationship between an event(s) and medicinal product(s).

LifeSphere LitPro boosts efficiency, ensures compliance, delivers actionable insights, and lowers the total cost of ownership through multi-tenant architecture. And, because LitPro is a cloud solution, all future upgrades and new features will be delivered to customers seamlessly via the cloud.
CONCLUSION

Due to the success of the LifeSphere LitPro collaboration between ArisGlobal and the medical device and healthcare organization, a significant number of life sciences organization have turned to LifeSphere LitPro in their search for a solution to address mounting literature review needs. By addressing a previously unmet need in the drug safety market, LifeSphere LitPro is shaping up to be one of the most rapidly adopted products in ArisGlobal's 30-year history. As part of its dedication to building products with the industry, for the industry, ArisGlobal will continue to collaborate with clients in their efforts to provide the best products and tools in the Life Sciences industry.

About ArisGlobal

ArisGlobal is transforming the way today's most successful Life Sciences companies develop breakthroughs and bring new products to market. Our end-to-end drug development technology platform, LifeSphere®, integrates our proprietary Nava® cognitive computing engine to automate all core functions of the drug development lifecycle. Designed with deep expertise and a long-term perspective that spans more than 30 years, LifeSphere® is a unified platform that boosts efficiency, ensures compliance, delivers actionable insights, and lowers total cost of ownership through multi-tenant SaaS architecture.

Headquartered in the United States, ArisGlobal has regional offices in Europe, India, Japan and China. For more updates, follow ArisGlobal on LinkedIn and Twitter.

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