IVDR Compliance Case Study

SORCERO IS USED BY ONE OF THE LARGEST AND MOST INNOVATIVE DIAGNOSTICS COMPANIES

Objective

New European Union (EU) regulations require In Vitro Diagnostic (IVD) manufacturers to proactively collect, evaluate, and document post-market performance data to maintain quality and safety throughout the product life cycle. This requires highly-educated experts to read massive volumes of medical literature to find the passages relevant to their products in order to stay in compliance. A large diagnostics company approached Sorcero regarding a solution to help them review and process the exponentially increasing amount of clinical literature.

Solution

Major medical journals and publications were ingested by Sorcero and smart tagged based on the organization's ontologies. Documents were processed and rank-ordered based on relevance. This allowed the subject matter experts to quickly review relevant documents and confirm the information aligned with their company's claims about its products.

Key Benefits

COMPLIANCE RISK AVERSION

Sorcero's Language Intelligence (LI) Platform identified and processed relevant clinical literature, decreasing the potential risk of $5 billion in IVD lost revenue from products being pulled from the market due to non-compliance.

ACCELERATED LITERATURE REVIEW

The technology increased productivity by 1000% (10x), enabling large volumes of scientific content from all literature sources to be quickly processed.

IMPROVED ACCURACY AND CONFIDENCE

With 100% sensitivity and 95% specificity, Sorcero's LI Platform identified all of the most relevant content with greater accuracy and consistency than the human baseline of 92%. Together, the augmented workflow delivered higher quality results than the direct manual processing of the most highly trained M.D. and Ph.D. experts in life sciences.

At a Glance

CHALLENGES

- New E.U. IVD regulations
- 30-35 hours a week to monitor literature per M.D. or Ph.D.
- Only able to review 25-50% of the relevant materials

RESULTS

- 1-2.5 hours a week to monitor literature per M.D. or Ph.D.
- Able to review 100% of the relevant materials
- Increased number of monitored products from 6 to 20

Learn how Sorcero's Language Intelligence (LI) Platform can accelerate literature review with improved accuracy and relevancy to maintain compliance.

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