

# How PerkinElmer Signals Medical Review Reduces Time to Submission

The world of clinical analytics is in constant turbulence and existing informatics solutions are being outpaced. To cater to the increasing complexity and generation of clinical trial data, PerkinElmer, a leading innovator in life sciences introduces Signals Medical Review to provide medical monitors with fast, reliable, and actionable insights through a combination of advanced data technologies and purpose-built workflows

## What are the Greatest Challenges in Medical Review Today?

According to our 2017 poll involving 100 clinical development professionals, the top 3 obstacles in Medical Review are:

**37%**  
RISK OF MISSING A SAFETY SIGNAL

**31%**  
SLOW AND LABOR-INTENSIVE DECISION MAKING

**31%**  
COSTLY INFRASTRUCTURE SUPPORT

Signals Medical Review addresses all three pain points and more through the combination of streamlined workflows and advanced analytics.

## THIS IMMEDIATELY RESULTS INTO THREE KEY OUTCOMES:

### GET SUBMISSION-READY FASTER

Medical monitors endure sluggish safety data reviews due to the lack of visibility of data from different systems. Signals Medical Review solves this by delivering curated analysis visualizations, personalized landing pages, line listing reviews, and alerts on specific cohorts of subjects on demand – effectively trimming up to 5 days per month / per trial on medical data review.

#### FACT:

Decreasing time to market by 1 month can save a company up to \$50 million in a year.

### REDUCE REJECTED SUBMISSIONS OR MARKET WITHDRAWAL

Powered by TIBCO Spotfire visual analytics, Signals Medical Review allows safety teams to acquire immediate safety questions asked by the FDA. This will get you way ahead of competitors who still rely on SAS listings, without compromising patient safety.

#### FACT:

Data shows that drug recalls can cost companies \$650 million or more

### STREAMLINE DATA PROVISIONING, AGGREGATION, AND REVIEW

Data aggregation is an incredibly taxing process, especially due to multiple systems, different formats, and high costs. Signals Clinical unifies all these steps through its transformative, end-to-end cloud solution -- from data analysis to action. It automates over 50% of all the manual steps involved, boosting productivity by 25% while ensuring higher accuracy and lower risk of human error.

#### FACT:

Simplifying the date study setup can save companies \$3-8 million a year

## THE RESULTS

**PERKINELMER'S SIGNALS MEDICAL REVIEW COULD SET THE BAR IN THE MEDICAL REVIEW INDUSTRY, AND THESE FIGURES CAN PROVE IT:**

Biostatistics receive **20-40%** less ad-hoc requests

With the platform, days per month per trial is reduced by **2-5 DAYS**

Time in database unlocks is reduced by around **50%**

Time to database lock reduced by **10-30%**

IT and customer support costs are reduced by around **67%**