



November 29, 2016

PerkinElmer and SciBite Provide Advanced Analytics from Unstructured Scientific Data

PerkinElmer Signals™ Platform Now Contains Sophisticated Scientific Semantics

WHAT: [PerkinElmer, Inc.](#), a global leader committed to innovating for a healthier world, today announced enhancements to the [PerkinElmer Signals™ Perspectives](#) platform, powered by SciBite® and Attivio® semantic technologies®. The enhanced platform will provide life sciences and environmental researchers advanced text analytics and semantic understanding of their unstructured data. Scientists and business analysts will be able to rapidly identify and use the relevant data to help answer complex analytical queries by leveraging the already resident visual capabilities of TIBCO Spotfire® software.

Researchers struggle to derive insights from their unstructured data. Starting from a wide range of disparate data sources including free text, researchers must have access to analytics solutions that can understand the semantics of their data. To meet this challenge, SciBite VOCabs contain tens of millions of scientific terms across many life sciences topics including toxicology, clinical development, and intellectual property – helping to eliminate a major bottleneck in analyzing text.

These capabilities enable PerkinElmer's customers to perform advanced text analytics on unstructured data sources such as scientific literature. They can also enhance their clinical data review process with real world evidence, and improved hospital operations by unlocking the value in free text electronic medical records, safety and procedure reports, claims, and other similar data sets.

HOW IT WORKS:

The PerkinElmer Signals platform provides on-demand access to high-volume screening, clinical, research, and other structured and unstructured data sources. SciBite® technology extends the content analytics capabilities for enhanced text mining. Alongside the Attivio® Active Intelligence Engine®, content is aggregated from structured, semi-structured and unstructured sources, both in-house and public. The data is structured, summarized, enriched, and unified for immediate use in analysis.

Data analysts and scientists can selectively obtain related information from the broader universe that relates to their areas of interest. The TIBCO Spotfire® software then investigates and analyzes the data, generating visually intuitive, interactive displays to support collaboration and decision making. Data is enriched through dictionaries, ontologies and text analytics to provide a rich data experience.

CUSTOMER

BENEFITS: “Researchers often find that critical information is trapped in text, unavailable for analysis and therefore ignored. Precious time is often spent trying to navigate the complexities of extracting value from unstructured sources in an effort to obtain a full view of their information,” said Michael Swartz, VP of Business Development and Strategy, Informatics, PerkinElmer. “Our extensive scientific domain expertise, coupled with our knowledge of big data has enabled us to combine SciBite’s scientific dictionaries and ontologies with Attivio’s content analytics platform and TIBCO Spotfire’s visual analytics platform to create an advanced platform with complementary technologies. Our customers can significantly reduce time to insight and improve the quality of their decisions.”

“SciBite’s TERMite technology seamlessly integrates with Attivio’s platform, allowing customers to aggregate, transform and visualize multiple forms of data with ease,” said Rob Greenwood, CEO of SciBite. “Designed by a team with decades of drug discovery experience, SciBite’s TERMite technology enables enterprise-level semantic transformation of data. Our collaboration with PerkinElmer and Attivio leverages the strengths of our solutions to help scientists to make decisions based on all relevant information versus a partial picture.”

MORE: PerkinElmer, Inc. is a global leader committed to innovating for a healthier world. The Company reported revenue of approximately \$2.3 billion in 2015, has approximately 8,000 employees serving customers in more than 150 countries, and is a component of the S&P 500 Index. Additional information is available through 1-877-PKI-NYSE or at www.perkinelmer.com.

Media Contact:

Alison Cizowski

+1 617-399-4914

perkinelmerdas@apcoworldwide.com