Spotfire® Analytics Platform

Actionable Insight at the Speed of Thought

In today's highly competitive and uncertain marketplace, the most successful organizations are those with a two-second advantage. They are the first to spot new opportunities, best manage risks, and most swiftly react to unforeseen events. Their insights and agility come through the use of visual, self-service analytics, where professionals managing mission-critical departments and global processes have the ability to ask questions immediately and intuitively and get answers from their data—anticipating what's next, taking quick, educated actions—all from using Spotfire® software.

Spotfire® Analyst showing a cell toxicity study: the tab pictured is summarizing cell health. The plate map controls what other data is displayed, including dynamically calculated dose response curves and display of the stored cellular image.

Challenge: Impediments to Dynamic Insights

The need for data-driven insights and agile decision-making has never been greater. Organizations are under enormous pressure to spot emerging trends and patterns hidden in vast quantities of data. Unfortunately, most organizations do not enable employees with analytics software that allows them to quickly and easily explore data and discover insights on their own. In fact, traditional reporting and complex statistics tools force users to rely on IT departments for each new slice of data – a time-consuming process. As a result, opportunities are lost, decisions are based on hunches, and risks increase.

To win the marketplace, organizations and individuals must empower their teams with self-service, intuitive analytics that will allow them to discover actionable insights buried in their data, so they can quickly take decisive action to stay ahead of competitors.

Solution: Spotfire® Software

The Spotfire® Analytics platform empowers scientists to explore their data freely, giving them the power instantly to visualize, mashup, interact with, and share data at any level of detail, without relying on IT to constantly supply new data sets. Spotfire® software helps users answer pressing questions, uncover answers to questions they didn't know they had, and even anticipate what happens next. By using the Spotfire® system, organizations and individuals can make the most of emerging trends or take preemptive action – before anyone else – achieving a competitive advantage.

At a glance

Organizations and individuals can seize new opportunities and evade risks with unmatched speed and flexibility, using the Spotfire® analytics platform. From interactive dashboards and visualizations to predictive analytics, Spotfire® software is an enterprise analytics platform that helps scientists quickly explore data to spot actionable insights instantly, without requiring IT intervention.

Benefits

- Fastest to Actionable Insight: Increase agility with unmatched speed and flexibility to anticipate, answer, and act on answers to relevant questions at the speed of thought

- Visibility into the Unknown: Uncover unexpected insights hidden in data that represent opportunities through intuitive visualizations, analytic dashboards, and applications

- Self-service Discovery: Drastically reduce reliance on IT and eliminate time related to data preparation, report building, and spreadsheet version control

- Universal Adaptability: Scale analytics on a single, platform to support a broad spectrum of business and technical users across a wide range of use-cases and processes

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Dimension-Free Data Exploration Drives Fast, Actionable Insights

Spotfire® software's easy-to-use visualizations enable scientists to uncover answers to their initial questions quickly, while revealing unexpected trends, patterns, and outliers that are hidden in data. Spotfire® software supports dimension-free data exploration to enable users to visualize data interactively, without dimensions or constraints, so they can rapidly uncover actionable insights. In addition, the software uniquely enables users to filter and drill down dynamically to micro-level details, so they can identify the root cause of trends and problems.

Data Mashup Leads to 360-Degree Analysis

To get a complete picture of external and internal environments, Spotfire® software makes deep data exploration easy, empowering users to combine disparate data sources quickly and easily, without custom scripting or requiring IT intervention. With the software, scientists from across the enterprise can easily access data from a multitude of sources (text, images, chemical properties, biological assays, and more) and integrate them into a comprehensive analysis of the entire data set. Spotfire® software's unique Data on Demand capability enables users to mash up or swap massive data sets interactively so they can uncover immediate insight.

Predictive and Event-Driven Analytics

Spotfire® software helps enterprises to anticipate opportunities and risks seamlessly by integrating predictive models and real-time event streams in order to deliver the "two-second advantage." Spotfire® software offers the best of both worlds to layperson and statistician alike: powerful predictive analytics are integrated "under the hood," for the scientist, while statisticians can use the Spotfire® software's broad array of cutting-edge statistical analysis tools to prototype, develop and deploy new analytic applications rapidly.

Contextual Collaboration

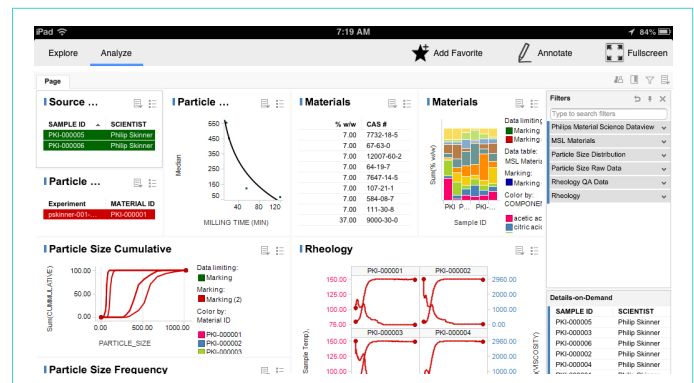Spotfire® software's capabilities easily support a collaborative decision-making process– from spontaneous and freeform brainstorming, all the way to formalized decision workflow. Using the software, organizations can capture and securely socialize moments of insight, ideas, and hypotheses with peers, advisers, and customers. These rich discussions can be captured through collaborative bookmarks, guided analytic apps, corporate portals and social platforms to provide visually compelling context to accelerate the decision making process.

Enterprise Class Capabilities to Fit into the Most Demanding Environment

Spotfire® software is the leading enterprise-class Analytics and Data Discovery platform, providing unmatched performance, scalability, and security. The software's differentiating hybrid in-memory/in-database analytics architecture supports the most demanding enterprise needs, easily scaling to thousands of users and limitless of rows of data. Spotfire® software is deployed in the world's largest energy, manufacturing, consumer packaged goods and life sciences companies working within existing IT systems and security models, and backed by global domain expertise and 24x7 customer service.

Spotfire® Analytics Platform: An Event-Enabled Enterprise Solution

Spotfire® software meets the analytic needs of users across the enterprise – from data discovery and ad-hoc analysis, to interactive reporting and dashboards, to domain-specific applications, to event-driven real-time analysis, and powerful predictive analytics – all from a single architecture.

A material science dashboard exposed on an iPad®, combining particle size and rheology results in a single interactive view.

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