What’s New in Spotfire® DecisionSite® 9.1

Spotfire Product Management
October 2007
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TIBCO Spotfire DecisionSite is covered by U.S. Patent No. 6,014,661. Other patent(s) pending.

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Spotfire DecisionSite Version 9.1

This document highlights the new capabilities in version 9.1 of Spotfire DecisionSite.

With version 9.1, the Spotfire DecisionSite suite of products continues offer researchers, engineers and analysts in the life sciences, energy and manufacturing industries, as well as academic and government institutions, a direct, interactive, visual approach to data analysis that rapidly reveals insights and unexpected relationships to solve problems. For thousands of users supporting a wide range of analytic processes and applications– from drug discovery and process engineering to energy exploration and national safety– DecisionSite is the solution they rely on to make their decisions.

Version 9.1 of DecisionSite brings a broad set of powerful improvements to all analysts, a new suite of workflow tools for chemists, and a freshly updated level of Microsoft® business software support. For developers and administrators, there are some additions and changes to the platform to help you create new extensions and support changing desktop environments.

We are most excited to bring you the changes to DecisionSite for Lead Discovery. Whether you are working with chemical structures once a month or once an hour, you are going to love the ease and power of using DecisionSite for Lead Discovery 9.1. The ability to read and write SDFiles and label your visualizations using structures is going to make working with Spotfire even faster and more illuminating than before.

Read on for more details on all the latest changes.
Streamlined Workflows for Chemistry

Working with chemical structure is easier and better than ever. DecisionSite for Lead Discovery 9.1 is now fluent in the most common of chemical data formats: SDFiles, SMILES, and Chime strings. Getting started is as easy as dragging and dropping an SDFile. Export to an SDFile is just as easy. And now you can label graph points with chemical structures with powerful new options for both browsing results and preparing presentations.

Open & Export SDFiles with Chemical Structures

Simply drag and drop an SDFile into DecisionSite for Lead Discovery 9.1, and you will instantly see a SAR table with both data and structures. No tedious import steps or display configuration are required. Reading and writing SDFiles is now handled natively by DecisionSite (i.e. no longer requires MDL software), and the structure drawing is handled automatically by any popular 3rd party rendering tool integrated using our Chemistry Services offering. Notable available renderers include Cambridgesoft® ChemDraw, MDL® Draw, ChemAxon® MarvinSketch, and Accord™ Chemistry Control.

Label with Chemical Structures

Bring immediate chemistry context to your plots with structures that appear when you mouse-over, click, or mark your scatter plot points. As with structure display in tables, DecisionSite uses any popular 3rd party structure drawing tool to generate the structure labels. Choose whether to see structures imported from an SDFile, retrieved from a database, or embedded as SMILES or Chime strings in your data set.
Presentation-Ready Exports
Structure labels can be manually resized and repositioned for the purpose of exporting presentation-ready visuals. For example, you can move structure labels near the points they represent, or out of the way of important plot information. No more cutting and pasting structures one-by-one into PowerPoint!
Visualization Enhancements

Reference Lines

Ground your analysis of distributions and histograms with vertical reference lines that reflect targets, limits, or other important thresholds relevant to your business problem. Build lines based on expressions or hard coded values. This feature comes with a fully documented, public API so that large and complex configurations of limits and thresholds can be managed by a custom application.

Drop Empty Trellis Panels

Now you can sort through massive amounts of data faster than ever. Spotfire DecisionSite has always been able to compartmentalize visualizations into hundreds or even thousands of subsets using the Trellis feature. Now, when your filtering has removed all the data from any individual trellis panel, you can have that panel removed entirely so that only panels with data fill the screen. This will make it much easier to navigate your results in large datasets using the Query Device filtering controls.
General Enhancements

Reorder Visualization Tabs
Now you can rearrange the order of your visualizations, making it easier to match your application appearance to the workflow, and also helping arrange views for proper export ordering.

![Reorder Visualization Tabs](image)

Custom Date and Date-Time Formatting, Including Millisecond Support
Choose from several standard formatting options for changing how dates, times, and date-time data are displayed in DecisionSite. Also new in DecisionSite 9.1 is the ability to display millisecond precision data.

![Date and Time Format](image)

Label Bar Segments
When using coloring to separate stacked bars, now you can label individual bar segments, not just the entire bar.
In Spotfire DecisionSite 9.1, segments of bars may be labeled.
New Capabilities for Developers

Licensed DecisionSite Developers can manipulate many of the new features of DecisionSite 9.1 with fully supported and documented APIs. Check [http://developer.spotfire.com](http://developer.spotfire.com) for the latest additions related to the new features.

Updated System Requirements

The complete list of system requirements for the 9.1 release can be seen here: [http://support.spotfire.com/sr_ds.asp](http://support.spotfire.com/sr_ds.asp). Below are listed some of the most important changes since the last release (the last release was version 9.0).

**.NET**
Support for Microsoft .NET Framework version 3.0 has been added.

**Microsoft Windows Vista**
The DecisionSite 9.1 client now supports running on the Microsoft Windows Vista operating system.

**Microsoft Office**
Export your analyses to the latest Microsoft Word and PowerPoint applications from Office 2007. You can also open the latest Excel files (.xlsx).

**MDL**
DecisionSite for Lead Discovery now support MDL/Draw 2.1 and MDL/Direct 6.0. Note that support for all older versions of MDL/Draw has been dropped.