



TIBCO Spotfire[®] Analyst Release Notes

Software Release 10.10 LTS (10.10.2)

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TIBCO Documentation and Support Services

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the TIBCO Product Documentation website, mainly in HTML and PDF formats.

The TIBCO Product Documentation website is updated frequently and is more current than any other documentation included with the product. To access the latest documentation, visit <https://docs.tibco.com>.

Product-Specific Documentation

Documentation for TIBCO Spotfire Analyst and related products is available on the [Spotfire Analyst Product Documentation](#) page.

- TIBCO Spotfire® Analyst User's Guide
- TIBCO Spotfire® Administration Manager User's Guide
- Working with Cubes in TIBCO Spotfire®
- TIBCO Spotfire® License Agreement

Related documentation is also found on the [Spotfire Server Product Documentation](#) page.

Release Version Support

Some release versions of TIBCO Spotfire products are designated as long-term support (LTS) versions. LTS versions are typically supported for up to 36 months from release. Defect corrections will typically be delivered in a new release version and as hotfixes or service packs to one or more LTS versions. See also https://docs.tibco.com/pub/spotfire/general/LTS/spotfire_LTS_releases.htm.

How to Contact TIBCO Support

You can contact TIBCO Support in the following ways:

- For an overview of TIBCO Support, visit <http://www.tibco.com/services/support>.
- For accessing the Support Knowledge Base and getting personalized content about products you are interested in, visit the TIBCO Support portal at <https://support.tibco.com>.
- For creating a Support case, you must have a valid maintenance or support contract with TIBCO. You also need a user name and password to log in to <https://support.tibco.com>. If you do not have a user name, you can request one by clicking Register on the website.

System Requirements for Spotfire Products

For information about the system requirements for Spotfire products, visit <http://spotfi.re/sr>.

How to join TIBCO Community

TIBCO Community is the official channel for TIBCO customers, partners, and employee subject matter experts to share and access their collective experience. TIBCO Community offers access to Q&A forums, product wikis, and best practices. It also offers access to extensions, adapters, solution accelerators, and tools that extend and enable customers to gain full value from TIBCO products. In addition, users can

submit and vote on feature requests from within the [TIBCO Ideas Portal](#). For a free registration, go to <https://community.tibco.com>.

For quick access to TIBCO Spotfire content, see <https://community.tibco.com/products/spotfire>.

New Features

The following new features have been added to version 10.10 of TIBCO Spotfire® Analyst.

For details about new Spotfire features, see [What's New in TIBCO Spotfire](#) in the TIBCO Community.

10.10.0

Background and text color in tables and cross tables

You can now configure the color of the cell background and the text in tables and cross tables.

Colors can be applied to headers and/or the values, and can be set for all columns or selected columns.

Python data functions in Spotfire Business Author, Consumer and Automation Services

Python data functions that you create in Spotfire Analyst can now also be run in Spotfire Consumer/Business Author and Automation Services, if the Spotfire Server is configured with a TIBCO Spotfire Service for Python.

Access lists from Microsoft SharePoint Online

With the new Spotfire connector for Microsoft SharePoint Online, you can connect directly to your SharePoint Online instance and access data in your SharePoint lists. Browse and select your SharePoint lists and load the data into Spotfire as data tables.

Comments in expressions

It is now possible to add comments to custom expressions and calculated columns. This makes it easier to understand and maintain complex expressions.

Maximize button on custom expression editor and other dialogs

The custom expression editor and many other dialogs now have a maximize button. This makes it easier to use all the screen estate to view the contents of the dialog.

The dialogs that you can now maximize include:

- Custom Expression
- Register Data Function
- Edit HTML
- Administration Manager
- Library Administration
- Edit SQL in Information Designer
- Manage Data Connections

Easier to view, apply and ignore add rows recommendations

There have been several enhancements to the user experience when adding data. For example, it is now easier to view, apply and ignore recommendations on how to add your data. It is also easier to see that the white box representing a data source can be expanded to reveal more options.

Improved performance when saving analysis files

The performance has been improved when you save a .dxd file to a remote server, such as a shared drive on the network. The time savings are most noticeable in cases when the WebDav protocol is used.

Add layer from another map chart

You can now add a layer to a map chart by duplicating an existing layer from another map chart in your analysis.

Edit data source server field while keeping entered username and password

When you create or edit a connection with connectors for Apache Spark SQL, Amazon Redshift, Cloudera Hive, Oracle Essbase, Pivotal Greenplum and PostgreSQL, the username and password fields are no longer cleared when you edit the server details.

Teradata Vantage 2.0 support

The connector for Teradata now supports Teradata Vantage 2.0 (currently in beta) and Native Object Store (NOS).

Cloudera Data Platform (CDP) Cloud Impala support

The connector for Cloudera Impala has a new option to use the HTTP transport protocol. This enables you to connect to Cloudera Data Platform (CPD) Cloud Impala.

SAP BW display attributes support

When you access data with the connector for SAP BW, you can now bring in display attributes as well as SAP BW characteristics into your Spotfire analysis.

IBM Netezza Performance Server support

The connector for IBM Netezza now supports the next step in the evolution of Netezza, IBM Performance Server (IPS).

Multi-select column matches/data table relations

You can now multi-select column matches and relations in the Data table properties dialog, by using the mouse in combination with the `Shift` and/or `Ctrl` key. This way, you can quickly delete many column matches or relations by clicking the `Delete` button.

Changes in Functionality

The following are changes in functionality in version 10.10 of TIBCO Spotfire® Analyst.

10.10.2

Updated driver for TIBCO® Data Virtualization

The driver for TIBCO® Data Virtualization has been updated to version 8.3. With this driver, you can access data from TIBCO® Data Virtualization version 8.3.

Deprecated and Removed Features

The following feature is deprecated or removed as of version 10.10 of TIBCO Spotfire® Analyst.

Affected component	Description
Export to PowerPoint	The functionality for exporting to PowerPoint as editable objects is deprecated.

Installation

The following are instructions on how to install version 10.10 of TIBCO Spotfire® Analyst.

The TIBCO Spotfire® Analyst client is delivered as two different installers. The installer labelled "single_user" is the default one. Use this if you do not know which version to select. The installer labelled "single_user" installs the product for the logged in user only. The other users on the same machine will not be able to use the client. The installer labelled "shared_computer" installs the product for all users on the machine. This installer requires administrative privileges on the machine.

Installation of Release 10.10

1. First install/upgrade the TIBCO Spotfire® Server to version 10.10.
2. Deploy the TIBCO Spotfire® 10.10 distribution on the TIBCO Spotfire® Server 10.10.
3. Finally, install TIBCO Spotfire® Analyst 10.10 on all client computers.

Installation Notes

- If the .NET 4.5 framework is not installed, it will be downloaded and installed when launching the "shared_computer" TIBCO Spotfire® Analyst client installer. The "single_user" installer will not download the .NET framework, because it does not have system changing privileges. However, it will complain if the .NET framework is missing.
- If the product localization is defined as a user group preference, a client restart is required after the initial login to the server for the changes to be fully applied. Note that clients are not informed that such a restart is required. It is also important that the appropriate localization packages are deployed to the TIBCO Spotfire® Server prior to setting the user group preference.

Note that the correct Language pack and the matching server preference must be set on the very first server that the user connects to. Changing the settings on the Server will not have any effect. If the localization group preference does not have any effect, it can be enforced on clients using **Tools > Options**.

Migration and Compatibility

The following are instructions on how to migrate from a previous release to version 10.10 of TIBCO Spotfire® Analyst.

Upgrading from Previous Version without Installing

1. First install/upgrade the TIBCO Spotfire® Server to version 10.10.
2. Deploy the TIBCO Spotfire® 10.10 distribution on the TIBCO Spotfire® Server 10.10.
3. Start the old version of TIBCO Spotfire® Analyst, log on to the TIBCO Spotfire® Server 10.10 and accept the update.



With Spotfire 10.3, a trust mechanism for data functions was introduced. Also, the trust stamp was changed to be calculated with SHA-512. Therefore, when updating from an older version to 10.3 or later, the trust stamps in all Spotfire analysis files in the library that include IronPython scripts, JavaScripts, data connection custom queries or data functions must be updated. New server CLI commands called "find-analysis-scripts" and "trust" can be used to find and update or automatically trust old scripts and data functions in your library. For more information, see the TIBCO Community article: <https://community.tibco.com/wiki/script-and-data-function-trust-spotfire-103-and-later>.

Compatibility Versions

You can use TIBCO Spotfire 10.10 to open .dxd analysis files that were created and saved in any older version of Spotfire that is still in support.

The compatibility versions of TIBCO Spotfire 10.10 are updated to versions 10.9 and 10.3 LTS. This means that .dxd analysis files that you create and save in Spotfire 10.10 can be opened in versions 10.9 and 10.3 LTS of Spotfire.



When you use an older version of Spotfire to open an analysis file that was created in a newer version of Spotfire, features from the newer version might not be available, and the analysis might look and behave differently compared to the version in which it was created.

Can be opened in	Files saved in version									
	10.10	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	7.11
10.10 LTS	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
10.9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
10.8		Y	Y	Y	Y	Y	Y	Y	Y	Y
10.7			Y	Y	Y	Y	Y	Y	Y	Y
10.6				Y	Y	Y	Y	Y	Y	Y
10.5					Y	Y	Y	Y	Y	Y
10.4						Y	Y	Y	Y	Y
10.3 LTS	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

10.2								Y	Y	Y
7.11 LTS							Y	Y	Y	Y

*Y means yes.

Newer and older versions of Spotfire Analyst client can be used to connect to the current version of Spotfire Server in order to upgrade or downgrade the client packages. However, it is recommended to always run the same version of client and server in production environments. See [System Requirements](#).

Closed Issues

The table lists closed issues in version 10.10 of TIBCO Spotfire® Analyst.

10.10.2

Key	Summary
TS-64180	In this version of Spotfire Analyst, the Python packages included to support using Python with Spotfire Analyst have been updated. See <i>Python Data Functions in TIBCO Spotfire®</i> on the TIBCO Spotfire docsite for a list of packages included in your installation.

10.10.0

Key	Summary
TSAS-1075	Stability has been improved for the cases where large Automated Services jobs are sent to the server over an unstable network.
TSDC-6269	When working with external (in-database) data from a Snowflake connection, creating a filter for some TIMESTAMP_NTZ type columns would result in an error.
TS-63072	Pasting a single element in 'Fixed Value' for a property control could cause Spotfire to close unexpectedly.
TS-63176	Links in the table visualization did not work for file-URIs referring to directories.
TS-63439	The Export to PDF dialog was narrower than in earlier versions, and the size was not adjusted when the web browser was resized.
TS-63565	It was not possible to open an Excel file containing a pivot table with a "date between" filter.
TS-63600	Spotfire would sometimes stop unexpectedly when you accessed data with the Snowflake connector and used the External (in-database) load method.

Known Issues

The table lists important known issues in version 10.10 of TIBCO Spotfire® Analyst.

Key	Summary
TS-53053	No access keys available in the new menu bar and authoring bar.
TSDC-5677	Cloudera CDH6: Filters do not work for column from custom query levenshtein function. An easy workaround is to explicitly cast the result to a number. For example: <code>CAST(levenshtein(x,y)as int) as z</code>