TIBCO Spotfire® Analyst Release Notes

Software Release 10.10 LTS (10.10.6)

Contents

New Features

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

For details about new Spotfire features, see What's New in TIBCO Spotfire in the TIBCO Community.

Key	Version	Summary
TSDC-6487	10.10.4	**SAP HANA connector: HINTS in metadata queries** You can now add HINTS to metadata queries in connections to SAP HANA. To configure HINTS, use the new preference setting `MetadataQueryHints`.
TSDC-6777	10.10.4	**New preference for setting the `CommandTimeout` for Microsoft SQL Server connections** It is now possible to set the `CommandTimeout` for the TIBCO Spotfire Microsoft SQL Connector via a preference. It is located under Connectors > Microsoft SQL Server in the Administration Manager in the Analyst client.
TS-65538	10.10.3	**TERR engine version 6.0.0** The included TERR (TIBCO® Enterprise Runtime for R) engine has been updated to version 6.0.0.
TSDC-6384	10.10.2	**Improvement to handling of JSON dates in connector for OData** The OData connector now supports reading JSON dates formatted as "/Date(MS_SINCE_EPOCH)/".
TS-63804	10.10.1	**Application Profiler handling of server resources** The Spotfire Application Profiler can now access server resources when using web-based OAuth2 authentication. Additionally, user name and password authentication now work as expected.
SPOT-846	10.10.0	**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.
SPOT-1039	10.10.0	**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.
SPOT-1063	10.10.0	**Improved performance when saving analysis files** The performance has been improved when you save a .dxp 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.

Key	Version	Summary
SPOT-1106	10.10.0	**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 In Spotfire Analyst only: • Administration Manager • Library Administration • Edit SQL in Information Designer • Manage Data Connections
SPOT-161	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
SPOT-408	10.10.0	**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.
SPOT-523	10.10.0	**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.
SPOT-833	10.10.0	**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.
SPOT-973	10.10.0	**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.
SPOT-974	10.10.0	**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.
SPOT-975	10.10.0	**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.

Key	Version	Summary
SPOT-977	10.10.0	**Teradata Vantage 2.0 support** The connector for Teradata now supports Teradata Vantage 2.0 (currently in beta) and Native Object Store (NOS).
TSDC-6170	10.10.0	**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.
TSDC-6826	10.10.0	**IBM Netezza Performance Server support** The connector for IBM Netezza now supports the next step in the evolution of Netezza, IBM Performance Server (IPS).

Changes in Functionality

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

Key	Version	Summary
TS-69017	10.10.6	The Python Interpreter is updated to 3.7.13.
TSDC-6945	10.10.6	**Fixed value for MaxBytesPerFetchRequest in connections to Apache Spark SQL** When you access data with the connector for Apache Spark SQL, the value of the connection property `MaxBytesPerFetchRequest` is now always 10MB, even if the ODBC driver has a different default value.
TS-68381	10.10.5	**Updated version of numpy** The Python package numpy was updated to 1.21.0
TSDC-6662	10.10.4	**"Flooding" turned off to increase communication stability with TDV** In the TIBCO Spotfire connector for TIBCO Data Virtualization, the option of using "flooding" has been turned off for requests from Spotfire, to increase stability in the communication with TIBCO Data Virtualization.
TSDC-6691	10.10.4	**Increased timeout for metadata queries with the Spark connector** When using the TIBCO Spotfire connector for Spark, the timeout for metadata queries has been increased from 30 seconds to 1800 seconds.
TSDC-6736	10.10.4	**Possible to define local redirect address template for Google connectors** It is now possible to define the local redirect address template for the TIBCO Spotfire connectors for Google as a preference.
TSDC-6814	10.10.4	**Updated driver for TIBCO® Data Virtualization** The driver for TIBCO Data Virtualization has been updated to version 8.5.0.
TSDC-6409	10.10.3	**Connector for Cloudera Impala: Filters do not work for columns in custom queries from function levenshtein** When you use custom queries with the connector for Cloudera Impala, it is not possible to use filters for columns from the `levenshtein` function. In earlier releases of Spotfire, this was listed as a known issue. Further investigation has led to the conclusion that the issue does not originate in Spotfire. The Impala driver incorrectly claims that the resulting column from the function is a string. You can work around the limitation: • You can change the data type of the column in the Custom Query dialog to a integer. • You can also cast the result in the custom query expression to an integer. For example: `CAST(levenshtein(x,y) as int) as z`
TSDC-6396	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

Deprecated features

The table lists features that are deprecated and will be removed in a future release of TIBCO Spotfire®
Analyst.

Key	Version	Summary
TS-63679	10.10.0	The API to create requests to the server APIs , `WebRequestFactory.CreateSpotfireWebRequest()`, has been deprecated in this release. All requests to the server should be made using the standard APIs `WebRequest.CreateHttp` or `WebRequest.CreateDefault` instead. Authentication and authorization to the server APIs is done using OAuth2 and registered API client credentials. See the following documentation for more information. Spotfire Server SOAP APIs Spotfire Server REST APIs Web Services API Reference Library REST API Deprecated since Spotfire 10.10.0.
TS-65227	10.10.0	The functionality for exporting to PowerPoint as editable objects is deprecated. Deprecated since Spotfire version 7.12

Removed features

No features have been removed in this release of TIBCO Spotfire® Analyst.

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 .dxp 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 .dxp analysis files that you create and save in Spotfire 10.10 can be opened in versions 10.9 LTS 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.

Version	Compatibility versions
11.6	11.5, 11.4 LTS
11.5	11.4 LTS, 10.10 LTS
11.4 LTS	11.3, 10.10 LTS
11.3	11.2, 10.10 LTS
11.2	11.1, 10.10 LTS
11.1	11.0, 10.10 LTS
11.0	10.10 LTS, 10.3 LTS
10.10 LTS	10.9, 10.3 LTS
10.3 LTS	10.2, 7.11 LTS

File compatibility example

For example, when you create a `.dxp` analysis file in Spotfire 11.3, the file is saved with compatibility versions for 11.2 and 10.10 LTS. You can open the `.dxp` file in any older Spotfire version that either *is* one of those versions, or has 11.2 or 10.10 as compatibility versions.

That means you can open the `.dxp` analysis file that you saved in Spotfire 11.3 in the following older versions: 11.2, 11.1, 11.0 and 10.10 LTS.

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 important closed issues in version 10.10 of TIBCO Spotfire® Analyst.

Key	Version	Summary
TS-68259	10.10.6	Using the 'Image from URL renderer' in table visualizations containing many cells could cause rendering of the visualization to timeout.
TS-68262	10.10.6	When exporting a map chart, in some cases the transparency for base layers is not shown correctly.
TS-68306	10.10.6	In some cases where the aspect ratio of the map chart has been changed in a previous action, the visible area might shift strangely when a user releases the mouse button after panning the map.
TS-68332	10.10.6	Some older analysis files containing invalid marking selections cannot be opened due to mismatch in Row count.
TS-68343	10.10.6	In line charts, marking a single line by clicking on it, does not work when there are multiple expressions on the Y-axis.
TS-68364	10.10.6	For map charts configured with the projection set to 'None', the Zoom out button was disabled in some situations even though zooming out was possible.
TS-68386	10.10.6	On the 'Sorting' page of the Visualization Properties for table visualizations, sometimes the column that is displayed as selected in the drop-down list, is not the column that was actually selected.
TS-68414	10.10.6	Windows Forms controls registered on a background thread in custom extensions might cause the application to become unresponsive after a system event has been triggered. To activate a fix for this issue, follow these steps: 1. Open the following file in an editor: `Modules\Spotfire DXP Forms_<version number>\Spotfire.Dxp.Main.dll.config` 2. Find the setting named `EnableSystemEventsThread`. 3. Change the value to `True`.
TS-68656	10.10.6	When you edit a data source in Information Designer and click 'Save As...' to save a copy of the data source with a new name, the name of the original data source can change instead if the saving fails (for example if you forget to enter the password).
TS-68719	10.10.6	When reading data from certain streams (for example, via TIBCO Spotfire Statistics Services, including when Statistics Services is called through Automation Services), an internal issue causes data to be only partially read, and the data is therefore corrupted.
TS-68738	10.10.6	The `single_user` installation does not work for usernames containing characters from other alphabets than the basic Latin alphabet.
TS-68752	10.10.6	Clearing the check box 'Visualization title visible by default' in Tools > Options > Visualization does not hide the visualization title.
TS-68791	10.10.6	Some multithreaded Python data functions never finish when run locally.

Key	Version	Summary
TS-68839	10.10.6	Log files currently opened for writing by another process cannot be added as a data source.
TS-68845	10.10.6	Shapefiles containing geometries with unspecified measure values are not loaded completely.
TS-68884	10.10.6	When opening an analysis, and there are both automatically executing data functions and on-demand data tables that depend on the output of the data functions, then the on-demand action sometimes initially fails to fetch new data.
TS-68146	10.10.5	Running local Python data functions is unnecessarily slow. This has now been partially addressed by enabling bytecode generation for all local Python data functions. You can return to the previous behavior by defining the PYTHONDONTWRITEBYTECODE environment variable.
TS-68192	10.10.5	In map charts, Position settings in image layers cannot be edited when the mouse is used.
TS-68205	10.10.5	Page tabs are sometimes missing if the Spotfire analysis was created in a background web browser tab.
TS-68230	10.10.5	The slider values "(None)" and "(Empty)" are mixed up in the Item filter. Setting the filter to "(None)" filters to "(Empty)" and vice versa.
TS-65715	10.10.4	Depending on the input data, using the combination chart with dual scales, it could happen that the scale range was incorrect when showing lines. Sometimes the data of the lines was outside the range. As a result, the lines were not visible at all.
TS-65734	10.10.4	When loading data, the Pivot Data configuration dialog was shown if it had been configured with 0 columns using the API.
TS-65919	10.10.4	The result returned when using <=> to compare values to a null constant in expressions was incorrect.
TS-66000	10.10.4	Filtering in a list box filter, immediately after modifying the data, could sometimes make the list box filter end up in an inconsistent state.
TS-66002	10.10.4	Sometimes dual scales did not use the available space in the visualization efficiently.
TS-66065	10.10.4	Information link prompt values were not applied correctly if the data table had been replaced by an Automation Services job.
TS-66074	10.10.4	Changing page through an IronPython script was not logged in the user action log.
TS-66110	10.10.4	An empty space was sometimes displayed above the filters in the Filters panel when custom code that added or removed data columns was executed.
TS-66197	10.10.4	When exporting a trellised scatter plot, only the image labels for the first trellis panel are exported when the display option 'Image from URL' is used.
TS-66239	10.10.4	Spotfire closes unexpectedly when all values are deleted from a drop-down list with fixed values during editing of a text area.

Key	Version	Summary
TS-66261	10.10.4	Map charts sometimes stop updating when panning is done on a page with iframes on it, for example JSViz or visualization mods.
TS-66316	10.10.4	Sometimes, usage.log files that contain cluster identifiers are not parsed correctly.
TS-66347	10.10.4	In a scatter plot, the Spotfire client sometimes closes unexpectedly when switching between post-aggregating expressions on an aggregated axis using Time as the data type.
TS-66407	10.10.4	A certain script, which applies a large number of markings in an analysis with wide data, runs much slower in version 10.x and 11.x of Spotfire compared to version 7.x.
TS-66410	10.10.4	Memory usage increases when running a specific script that applies a large number of markings in an analysis with wide data and a tabular visualization.
TS-66514	10.10.4	Right-clicking top scale labels in a heat map results in errors in some situations.
TS-66542	10.10.4	Loading information links might cause issues when running several TIBCO Spotfire Server instances (clustered TSS).
TS-66655	10.10.4	Sometimes it is not possible to save an analysis containing a text area with images. An exception is instead thrown.
TS-66662	10.10.4	The Python interpreter included with Spotfire now includes Tcl files that are required by some Python packages, such as matplotlib and seaborn.
TS-66665	10.10.4	The value of the check box **Maintain aspect ratio** check box is not saved in the job file and does not retain the value when the task is next edited.
TS-66671	10.10.4	Double-clicking to zoom in the map chart does not work.
TS-66679	10.10.4	For some Microsoft Excel cells that use array formulas, empty values are incorrectly imported.
TS-66730	10.10.4	The first time a user logs in, after someone else has been logged in, preference values specified in a co-branding package are not used.
TS-66735	10.10.4	Sometimes it is not possible to zoom in or out in the map chart using the + and - buttons that are available in the visualization, even though it should be possible.
TS-66738	10.10.4	Bullet graph bars cannot be rendered if their values are huge compared to the visible range.
TS-66819	10.10.4	When using ApplicationThread.Invoke in custom code together with Automation Services, Qualification or Application Profiler, pending invocation attempts might be executed in the wrong context.
TS-66821	10.10.4	It is not possible to reload an embedded data table when it is based on an on-demand source and has added rows from a different data source.

Key	Version	Summary
TS-66839	10.10.4	The ODBC connection pool is cleaned up after all connections have been returned to the pool, which could, in combination with specific ODBC driver implementations, result in a deadlock. The fix only addresses the *Load data with ODBC, OLE DB, or ADO.NET data provider* import method.
TS-66841	10.10.4	Vertical scale labels are not visible in bar charts and combination charts with certain fonts.
TS-66867	10.10.4	When applying a bookmark containing a heat map, sometimes extra columns named 'Row cluster IDs' or 'Column cluster IDs' are created.
TS-66907	10.10.4	Logging of some actions does not work.
TS-66910	10.10.4	Spotfire does not import the impex and session log files correctly.
TS-66948	10.10.4	Setting document properties through configuration blocks, when having an on-demand request that needs data that has not yet been loaded, makes Spotfire close unexpectedly.
TS-67006	10.10.4	The table visualization fails to render some shapes that display correctly in the map chart.
TS-67008	10.10.4	Custom panels are not available when customizing the toolbar.
TS-67147	10.10.4	When opening and closing analyses inside a transaction via the API, the progress indicator sometimes gets stuck.
TS-67158	10.10.4	Spotfire closes unexpectedly when trying to remove visualizations with certain layouts. This occurs when there is no splitter that constitutes an exact border for the removed visualization.
TS-67162	10.10.4	On-demand data cannot be loaded after replacing an Information Link in the library (in some circumstances).
TS-67175	10.10.4	When configuring "Label and Tooltip" for "Lines & Curves" in the Visualization Properties dialog, the values are sometimes shown in a mix of languages. Some values are shown in the current language and some are shown in the language used when the line or curve was created.
TS-67182	10.10.4	If you use Spotfire Service for Python to run Python data functions, and you use Spotfire Statistics Services to run TERR data functions, then the client (either Spotfire Analyst or Spotfire Business Author) can mistakenly try to run the TERR data functions in a nonexistent TERR service, rather than Spotfire Statistics Services, causing the data function to wait indefinitely.
TS-67382	10.10.4	Hovering with the mouse pointer over items in the Lists panel does not display any annotations.
TS-67393	10.10.4	The TIBCO logo in the OAuth2 web page "Authentication Successful" cannot be cobranded.

Key	Version	Summary
TS-67403	10.10.4	In Administration Manager, when editing the ReferencePoints of the BoxPlotPreferences, it is not possible to define a color for a given BoxPlotPointPreference.
TS-67406	10.10.4	Hierarchical scales prioritize the top level labels when the scale is given less vertical space than intended.
TS-67457	10.10.4	Pasting data when the Spotfire client is in a modal state will cause the client to enter an unusable state.
TS-67517	10.10.4	String columns are not read correctly when shapefiles are uploaded.
TS-67580	10.10.4	When selecting a non-default coordinate reference system via the API, for a map chart or any of its layers, the selected coordinate reference system does not show up in the drop-down list on the properties/settings pages.
TS-67677	10.10.4	When adding another transformation to the same transformation group as a previously added Pivot transformation, the value columns are missing if no column titles were chosen in the Pivot operation.
TS-67687	10.10.4	Bookmarks seem to be randomly deleted from the library after the API tries to modify or delete other users' bookmarks.
TS-67724	10.10.4	When running an information link, the values provided in the prompts do not override the current parameters.
TS-67812	10.10.4	A data function that uses a column search expression fails to execute during reload if a previous input column no longer is available.
TSDC-6522	10.10.4	When using the connector for SharePoint Online, you could not add SharePoint Online sites with a URL ending in something other than '.com'.
TSDC-6568	10.10.4	When using the Google BigQuery connector to import data, the import sometimes consumed a lot of memory, which could lead to performance issues.
TSDC-6581	10.10.4	The TIBCO Data Virtualization Connector did not show "flows" created in the TIBCO Data Virtualization Web UI.
TSDC-6584	10.10.4	For the TIBCO Spotfire connectors for Drill, Dremio, and Snowflake, connections are not closed properly. This results in an accumulation of open connection handles. For example, in the case of Snowflake connections, when logging is enabled, the driver sometimes does not release log file handles until the connection is closed. This causes the process to eventually run into the limit of allowed number of open file handles.
TSDC-6651	10.10.4	The MySQL connection dialog closed unexpectedly if a connection was made using SSL and no certificate file was specified.
TSDC-6677	10.10.4	When using the TIBCO Spotfire connector for Apache Spark SQL, long-running queries are canceled due to the limited ODBC command timeout. The ODBC command timeout for the Spark SQL connector has now been increased to 30 min.
TSDC-6683	10.10.4	The TIBCO Spotfire connector for TIBCO Data Virtualization sometimes stops responding when many queries are sent at the same time.

Key	Version	Summary
TSDC-6693	10.10.4	Due to a change in the driver, newer versions of the MariaDB driver (3.1.13 and later) do not work correctly with the TIBCO Spotfire connector for MySQL.
TSDC-6697	10.10.4	When reading metadata from SAP HANA, view definitions and comments are included, which causes performance issues in large SAP HANA instances. With this fix, these columns are now excluded from the metadata extraction.
TSDC-6770	10.10.4	Some Oracle 11g data tables with a primary key are not loading in Spotfire Analyst using the Oracle Connector.
TSDC-6800	10.10.4	An error occurs when a custom query has a parameter and a column that share the same name.
TS-64860	10.10.3	IronPython print statements caused a memory leak.
TS-64884	10.10.3	If a filter was inconsistent between client and server, and a user made a selection in the filter, then Spotfire would display an error.
TS-64943	10.10.3	The `sqlite3` module could not be imported in IronPython 2.7.7 scripts.
TS-64977	10.10.3	The proxy login window did not appear when a map chart was created.
TS-64998	10.10.3	When Spotfire ran a Python data function, parts of the Standard Error output from the Python code was sometimes not shown.
TS-65066	10.10.3	Lists could not be manually synced across multiple instances of Spotfire.
TS-65120	10.10.3	When using Tools > Find, the UI could freeze for certain search phrases.
TS-65122	10.10.3	Items in the map chart legend did not show up properly when opening an analysis.
TS-65160	10.10.3	Running data functions with more than eight outputs from Spotfire Analyst did not work when using TIBCO Spotfire Statistics Services.
TS-65269	10.10.3	The invocation of an internal event handler based on a trigger of certain visualization properties (such as LabelOrientation, ShowGridlines and ShowLabels), and handling of the corresponding values, caused Spotfire to close unexpectedly.
TS-65292	10.10.3	The Spotfire CPU usage was high when resuming Windows after sleep mode.
TS-65294	10.10.3	Axis selectors were not positioned correctly in exported horizontal waterfall charts.
TS-65336	10.10.3	The message 'An item with the same key has already been added' could be shown when attempting to add data to an analysis, and the setting 'Allow recommendations on how to add data' was enabled.
TS-65349	10.10.3	When you opened an analysis with a data connection, if a database, table, or column in the connection contained character sequences that could be interpreted as invalid XML characters, sometimes Spotfire would stop unexpectedly.

Key	Version	Summary
TS-65377	10.10.3	In Python Tools, the Package Management tab ceased to work after removal of an underlying API at pypi.org (the Python Package Index). You would receive an error with the message 'Python Package Index is not accessible.'
TS-65379	10.10.3	Multipoint geometries were not rendered completely in the map chart.
TS-65450	10.10.3	When changing font settings (for example color, size, bold) of drop-down lists in the text area, the selected formatting was not applied to the values in the drop-down list.
TS-65462	10.10.3	The support diagnostics now show the correct version of the .NET Framework.
TS-65480	10.10.3	If multiple copies of a data connection were saved to the library, and if a table from one of the data connections was removed, and if the data connection was used in the same analysis, then an issue could occur where the file no longer could be opened.
TS-65502	10.10.3	Switching page through a text area action or through the Find feature did not result in any action log output.
TS-65541	10.10.3	Bookmarks with the custom extension JSViz with Limit By Expression set could not be applied.
TS-65620	10.10.3	Default timestamp server used by Package builder was no longer online.
TS-65632	10.10.3	It was not possible to load some Excel files that contained pivot tables.
TSDC-6395	10.10.3	With the connector for Microsoft SharePoint Online, it was not possible to open previously saved connections to SharePoint Online sites with site URLs not ending with 'sharepoint.com'.
TSDC-6427	10.10.3	Tables from some OData services did not show up in Spotfire when accessing data with the connector for OData.
TSDC-6431	10.10.3	When you selected data from lists with the connector for Microsoft SharePoint Online, the 'ID' column from the lists was not available.
TS-64180	10.10.2	In this version of Spotfire Analyst, the Python packages included to support using Python with Spotfire Analyst have updated. See *Python Data Functions in TIBCO Spotfire®* at https://docs.tibco.com/products/tibco-spotfire-analyst-10-10-2 for a list of packages included in your installation.
TS-64304	10.10.2	The undo/redo shortcuts (Ctrl+Z and Ctrl+Y) were available even though the Undo/Redo license feature was disabled.
TS-64336	10.10.2	'Browse the library' in the 'Files and data' flyout was not enabled/disabled when the Spotfire server was connected/disconnected.
TS-64374	10.10.2	There were inconsistent line breaks in PDF reports when filter settings for individual visualizations and entire pages were exported.
TS-64430	10.10.2	A calculated column using a preprocessor expression was not marked as invalid after rename of a referenced column.

Key	Version	Summary
TS-64474	10.10.2	When having run line similarity or K-means clustering on a line chart that used a data table related to the data table used in the main visualization, and then deleting the line chart, the resulting file could not be opened or refreshed if the input data had changed.
TS-64627	10.10.2	The way that duplicated column names were handled had changed between versions, which disrupted old analyses.
TS-64697	10.10.2	Recommendations to add visualizations based on relationships between different columns only showed up when clicking on a column in the Data in analysis (data panel) flyout. They should also be shown when searching for a column using the Find tool.
TS-64737	10.10.2	The Pivot and Unpivot transformations did not handle renamed columns correctly.
TS-64744	10.10.2	When hovering over a custom visualization, Spotfire closed unexpectedly with the message 'Win32 handle passed to Cursor is not valid or is the wrong type.'
TS-64747	10.10.2	Some Excel files threw an ArgumentNullException at AreaPtg.GetRange.
TS-64749	10.10.2	In editing prepared reports, the annotations checkbox was always selected, regardless if the report PDF actually included annotations.
TSAS-1075	10.10.2	Stability has been improved for the cases where large Automated Services jobs are sent to the server over an unstable network.
TSDC-6348	10.10.2	When opening log files in Spotfire, the "Session Id" column from some Spotfire log files was not handled correctly, causing incorrect data for the "IP", "User", and "Session Id" columns.
TSDC-6364	10.10.2	When using the connector for SAP BW with the BAPI driver, the refresh schema action did not refresh the metadata properly. You had to re-open the Spotfire analysis before the changes would take effect.
TSDC-6405	10.10.2	When accessing data with the data connector for Teradata, if the name of the analysis file or the visualization contained an apostrophe, queries to the Teradata database would fail with an error.
TS-63805	10.10.1	When you used a data connector to access data with the load methods **Imported** or **On-Demand**, the field "Analysis" in the QueryLog was empty. This also affected the " SPOTFIRE.ANALYSIS" query band in connections to Teradata.
TS-63808	10.10.1	A rare race condition in the data model could cause instabilities.
TS-63835	10.10.1	The warning message presented when a column name was automatically trimmed or normalized was incorrect.
TS-64098	10.10.1	A warning regarding primary keys was incorrectly shown when reloading an external data table in an analysis containing bookmarks.
TS-64157	10.10.1	The text area turned blank for about one second when its content was updated.
TS-64164	10.10.1	Sometimes Chinese and Korean fonts were not displayed correctly.

Key	Version	Summary
TS-64168	10.10.1	In KPI charts, right-clicking would mark tiles, which prevented the correct use of the right-click context menu.
TS-64170	10.10.1	When marking was set to None on the Data page of the Visualization properties, Actions did not work in graphical tables.
TS-64198	10.10.1	In tables and summary tables, the list of available columns on the Columns page in the Visualization Properties dialog was not updated if the data table was changed in the legend.
TS-64205	10.10.1	The performance when translating markings between tables was poor.
TS-64215	10.10.1	Spotfire closed unexpectedly when using COM automation with the command line argument "/serverless" due to a missing second, implicit, argument that must be provided. Now, the implicit argument is automatically added when using "/serverless".
TSDC-6288	10.10.1	It was not possible to access columns with the data type TIME with the data connector for TIBCO Data Virtualization.
TSDC-6307	10.10.1	When accessing data with the connector for OData, if you used the on-demand loading for a floating point column, a NullReferenceException error could sometimes occurr.
TSDC-6327	10.10.1	An error occurred when using the connector for Oracle to load Oracle stored procedures containing OUT parameters.
TS-46337	10.10.0	'Size to fit' does not work well with images. Image columns are now ignored when using 'size to fit' in table visualizations.
TS-63072	10.10.0	Pasting a single element in 'Fixed Value' for a property control could cause Spotfire to close unexpectedly.
TS-63176	10.10.0	Links in the table visualization did not work for file-URIs referring to directories.
TS-63345	10.10.0	If data function debugging was enabled in Tools > Options > Data functions, Python data functions did still not include additional debug log output in the notifications.
TS-63346	10.10.0	Interaction with the Python Tools dialog could cause Spotfire Analyst to close unexpectedly if the Python interpreter configured in preferences did not exist.
TS-63439	10.10.0	The Export to PDF dialog was narrower than in earlier versions, and the size was not adjusted when the web browser was resized.
TS-63600	10.10.0	Spotfire would sometimes stop unexpectedly when you used the connector for Snowflake with external (in-database) data.
TS-63604	10.10.0	It was not possible to open an Excel file containing a pivot table with a "date between" filter.
TSAS-923	10.10.0	The Automation Services documentation did not provide clear information that it is mandatory to provide username and password in the Set credentials for external connection job.

Key	Version	Summary
TSDC-6269	10.10.0	When working with external (in-database) data from a Snowflake connection, creating a filter for a TIMESTAMP_NTZ type column would sometimes result in an error.

Known Issues

The following are known issues in version 10.10 of TIBCO Spotfire® Analyst.

Key	Version	Summary
TSDC-5654	10.10.2	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: `CAST(levenshtein(x,y)as int) as z`
TS-62137	10.10.0	Python packages that are installed by the Administrator (through an SPK) take precedence over packages installed using the **Python Tools** from the **Spotfire Analyst Tools** menu. If users attempt to update a package previously installed by an SPK, then the package update is installed, but the update is ignored.

TIBCO Documentation and Support Services

For information about the Spotfire products, you can read the documentation, contact TIBCO Support, and join the TIBCO Community.

How to Access TIBCO Documentation

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

The website is updated frequently and is more current than any other documentation included with the product.

TIBCO Spotfire Documentation

The documentation for all Spotfire products is available on the TIBCO Spotfire® Documentation page. This page takes you directly to the latest version of each document.

To see documents for a specific Spotfire product or version, click the link of the product under 'Other versions', and on the product page, choose your version from the top right selector.

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

Get an overview of TIBCO Support. You can contact TIBCO Support in the following ways:

- 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.

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