



# TIBCO Statistica®

## Release Notes

*Version 14.0.0*

*December 2020*



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# TIBCO Documentation and Support Services

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## 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 Statistica® is available on the [TIBCO Statistica® Product Documentation](#) page.

The following documents for this product can be found on the TIBCO Documentation site:

- *TIBCO Statistica® Release Notes*
- *TIBCO Statistica® Installation*
- *TIBCO Statistica® Quick Reference*
- *TIBCO Statistica® Product Traceability*
- *TIBCO Statistica® Configuration for Windows Server 2019*
- *TIBCO Statistica® Data Entry Administration*
- *TIBCO Statistica® Server Administrator's Guide*
- *TIBCO Statistica® Options Configuration*
- *TIBCO Statistica® R Integration: Features and Options*
- *TIBCO Statistica® Security Guide*
- *TIBCO Statistica® User's Guide*
- *TIBCO Statistica® Enterprise Manager Guide*
- *TIBCO Statistica® Statistica Object Model Guide*
- *TIBCO Statistica® Logistic Regression Formula Guide*
- *TIBCO Statistica® Stability Analysis Formula Guide*
- *TIBCO Statistica® Stepwise Model Builder Formula Guide*
- *TIBCO Statistica® Weight of Evidence Formula Guide*

The following documents for TIBCO® Data Science for TIBCO Spotfire® Analyst can be found on the [TIBCO Documentation site](#):

- *TIBCO® Data Science for TIBCO Spotfire® Analyst Release Notes*
- *TIBCO® Data Science for TIBCO Spotfire® Analyst User Guide*

The following documents for TIBCO® Data Science Service for TIBCO Spotfire® can be found on the [TIBCO Documentation site](#):

- *TIBCO® Data Science Service for TIBCO Spotfire® Release Notes*
- *TIBCO® Data Science Service for TIBCO Spotfire® Installation and Configuration Guide*
- *TIBCO® Data Science Service for TIBCO Spotfire® User Guide*

## 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.

## 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>.

# New Features

TIBCO Statistica® 14.0.0 is a major release of the software, featuring major enhancements, performance and scalability improvements, and new functionality. TIBCO Statistica® is part of the TIBCO Data Science platform and is also sold as TIBCO Data Science - Workbench. These release notes for Statistica version 14 apply to TIBCO Data Science - Workbench as well.

## System improvements and enhancements

- Starting from version 14.0.0 of TIBCO Statistica, the TIBCO Statistica Document Management System and Server are no longer required to support the ModelOps features of the Statistica Server, including versioning and electronic signatures. Therefore, the Statistica Document Management Server is not included in this release.
- Starting from version 14.0.0 of TIBCO Statistica, (and applicable to renewals of licensed and supported Statistica software (Versions 13.5 and 13.6)), license expiration terms are no longer enforced. Thus, the software never shuts down unexpectedly due to expiration-of-licensing. It is the responsibility of the customer to comply with their respective licensing requirements. For additional information, see [License keys and files](#).
- To deliver more options for greater privacy, starting with Version 14.0.0, the Statistica installer no longer requires registration to a registration server during the installation process. For more information about how to configure the license file included with the installation package to bypass license registration, see *TIBCO Statistica® Installation Instructions*.

## Statistica PI Add-In

Starting with version 14.0.0 release, the Statistica platform supports all OSI PI Event Frame Attributes. Starting with version 13.5 only Event Frame Attributes with references to PI Points were supported.

## Support for PMML 4.2 (generation and ingestion/scoring)

Starting with the Version 14.0.0, most of Statistica's predictive modeling routines can now generate standard PMML 4.2 and support scoring of PMML generated using third-party services or applications. For example, Statistica 14.0.0 can now score PMML 4.2 models generated using R or Python.

The following new features have been added in this release of TIBCO Statistica®.

Feature	Summary
<b>Analytics</b>	New Parallel Coordinate Plot node in Data Miner Workspaces
	Timestamps/formats are now supported for R-integration, when passing data to R-based Node in Data Miner Workspaces.
	Confidence intervals are added to normal probability in q-q-plots and Normality Tests node for Data Miner Workspaces.
	New option to add "predictor importance" to downstream results for MARSplines node in Data Miner Workspace.
	Increased limit on the max number of best predictors extracted by Feature Selection, now can extract top 5000 predictors (for example: from 1 Million predictors).
	Support for scoring of standard PMML4 encoded Generalized Linear Models using Rapid Deployment Node in Workspaces, and interactively.

Feature	Summary
	Support for PMML4 scoring of Statistica Automated Neural Networks models, using Rapid Deployment Node in Workspaces (PMML4 encoded Neural Networks).
	Support for PMML4 scoring of Statistica Support Vector Machine (SVM) models, using Rapid Deployment Node in Workspaces (PMML4 encoded SVMs).
	Support for PMML4 scoring of (Statistica, other) Ordinal Multinomial Regression models, using Rapid Deployment Node in Workspaces (PMML4 encoded Ordinal Multinomial Regression Models) models in Rapid Deployment.
	Support scoring of PMML models generated from R/Rattle, KNIME, Rapid Miner, and others using Statistica Rapid Deployment module and Node for Scoring.
	New option to display confidence bands on normal probability plots within the Normality tests (SVB) node.
	New option to display Variance Ratio used in 2D orthogonal fit.
	New option to publish PMML 4.2 for Best Model from Model Comparison Node in Data Miner Workspaces.
<b>Data Entry</b>	Added versioning to Labels and Characteristics in Enterprise Manager.
	The new <b>Data Entry Setup</b> option for labels and characteristics to optionally display object description along with Name in Data Entry.
	Improved Data Configurations based off of Data Entry Setups; new option Variable type for label = Type (can avoid extra space by defaulting Labels as type Text).
	New option to limit maximum length/size of a text field in Data Entry.
	New permission and role of Data Entry Auditor with Read-Only permission to all Data Entry samples; ability to search for all Data Entry samples.
	Ability to print (PDF) special characters and symbols to PDF.
	Statistica service cannot be started now from non-admin Enterprise account.
	Performance improvements for large numbers of folders (improved sorting of large numbers of items (tree browser/display)).
	Added ability to access Data Entry screens directly via URL (copy or publish URL to provide fast-access to specific Data Entry screen).
	Allow Excel Data Entry Setup import or export to designate the unit operation (support for multiple steps).
<b>Data Export</b>	Adding SAP HANA support to Database Writeback node in Data Miner Workspaces.

Feature	Summary
	Database Writeback node now supports writeback using ADO.NET connections; enables writeback to SAP Hana.
	New <b>Export to Spotfire Library</b> node in Data Miner Workspaces.
<b>Data Export (versioning)</b>	New option to append Date, Time, or Data-and-Time to file names when saving data through Export Data Workspace node (enables versioning of saved output files).
<b>Data Import</b>	Open-from-Enterprise now allows opening of non-Statistica file types (.Doc[x], .Xls[x], others).
	In Data Miner Workspaces file path locations are retained and displayed in Import Excel node.
	Increased max text length when importing text fields to Statistica workspace; max text length for text field on import is now set to 1,048,576.
	Changed to more efficient HDFS import (WinHTTP) to support impersonation in service use cases.
	Spotfire Data Connection node can now access SBDF Data in Spotfire library.
<b>Data Management</b>	You can now autofilter multiple data fields in Statistica ("Excel-like").
	Custom filters with predefined options for filtering of Statistica spreadsheets, "Excel-like" with functions ("contains", "is equal").
<b>Data Miner Workspace</b>	New option to make embedded workspaces visible on execution (for example, for debugging).
	New system-wide option to close intermediate files when executing complex workspaces; inputs to nodes close when node computations are completed; better efficiency improvement, security.
	Variable selections are now remembered by various Data Miner Nodes if the input variables change; simplifies fixes to variable selection, templating.
	Options to reload data files on re-execution (updates) of Workspaces.
<b>Database Writeback</b>	When encountering empty rows on Database Writeback in Workspaces (Null data), all-NULL rows are now written to the database.
<b>Enterprise Manager</b>	Added search capabilities (by name) to Statistica Enterprise Manager (search-for-objects by name).
	Updated display of Document History, placing "Reason" for change/check-in before "Description".
<b>Statistica PI Add-In</b>	Added Severity and Category to the Metadata spreadsheet, produced by PI Event Frames component.

Feature	Summary
	Enhancements to OSI PI AF/EF data retrieval using Data Miner Node, enabling pass-through of input data of different types; reporting of metadata.
	Enhancements to OSI PI AF/EF data retrieval using Data Miner Node; can now retrieve attribute values with non-PI-Point Data References.
	Better labeling of results from Asset and Event Frames, reporting paths of the Asset and name of Asset Attribute (only once).
	The order of columns in query spreadsheets for PI Asset Framework Data and PI Event Frames Data nodes no longer matters; names are used instead; extra columns are passed through; Logging is now enabled for AF/EF functionality.
	Performance improvements for EF/AF nodes.
<b>Spark Support</b>	Support Kerberos authentication on Apache Livy server (REST frontend to Spark cluster).
<b>Statistica-Spotfire Integration</b>	Statistica Enterprise Server Data Configurations now appear as Input parameter for Spotfire Data Functions.
	Option to persist data file input and output settings when defining/editing data Statistica-based Data Functions in Spotfire.
	<b>Variable selection</b> Node in Statistica Workspaces is now visible to Statistica data functions in Spotfire; allows selection of variables for Data Function driven analytics using Statistica.
	New option to allow changing the workspace path for a Statistica Data Function.
	Added ability to extract embedded workspace from Statistica Data Functions; first released with 13.6.
	Data Functions: change default from linked Workspaces to embedded Workspaces; first released with 13.6.
	Support for Statistica data functions for Spotfire Consumer (Web Player); initially released with 13.6 update.
	Warnings (non-fatal) occurring during Statistica data function execution now surfaced to Spotfire.
	Control which Reporting Workbook-based outputs must be generated (and retrieved) during execution of a workspace executed through a Spotfire Data Function.
	Statistica data function output choices can be modified to avoid offering options that are not available.
<b>Statistica Server</b>	Minor UI/UX naming enhancements have been made to consistently name/group Open/Save/Deploy/Run actions in Statistica Enterprise.

Feature	Summary
	New option to add an action (rule) to a MAS taskset to execute Statistica workspace (in addition to email, run program).
	Ability to run MAS service under non-administrative service account (for example: Network Service).
	"Labels" from default root-view of Tree browser (Labels displayed in System View).
	Reclassify the error to warning for WebStatistica errors caused by network scanners.
	Statistica Monitoring and Alerting Server (MAS) now provides Performance Counter (visualization) for example: using PerfMon.
<b>System</b>	Statistica Monitoring and Alerting Server (MAS) Error/Crash Reporting is now written to %PROGRAMDATA%\Statistica\Error (standardized across platform).
	New Ribbon Bar control (shortcut) to access document dictionary for Spreadsheets.
	Support for built-in Windows 10 PDF printer driver.
	New option/configuration settings to select specific language pack (language) based on installed language packs.
	Improved performance logging, Spotfire Data Functions (execution times).
	Improved performance logging of PMML 4 based scoring using Rapid Deployment Node (in Workspace).
	New option to start Statistica with last-opened workspace.
<b>Transformation</b>	Intellisense (type-ahead help) when defining transformations using the Rules Builder Node.
	Improved Intellisense and textwrapping for long Batch transformations (transformation strings).

## Changes in Functionality

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The following functionality and features have been changed in this release of TIBCO Statistica®.

**Statistica 14.0.0 installation** package includes license keys that never expire. For more information, see [New Features](#) and [License keys and Files](#).

### **Server (Enterprise) product and Data Entry**

- When you enable versioning, Labels and Characteristics are now versioned.
- Versioning of artifacts in Statistica is now fully integrated into the main Enterprise database, and the services that maintain the database; a separate Statistica Document Management Server (SDMS) component or service is no longer included with the product.

For more information about migrating configurations for Web Data Entry from earlier versions of Statistica, see *TIBCO Statistica® Installation Instructions*.

# Migration and Compatibility

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The following information provides migration procedures and a compatibility matrix for this release of TIBCO Statistica®

## **Migration of existing and prior Statistica Document Management Server artifacts**

The Statistica Document Management Server (SDMS) is no longer a component of the Statistica 14.0.0. All functionality for versioning of artifacts in the Statistica Server products (Statistica Enterprise installations) is now handled directly by the main Statistica Server and through the Enterprise Database. This refactoring of the functionality enables significant performance and scalability improvements. For more information on migration process from earlier installations and of artifacts managed through the Statistica Document Management Server to Statistica Server (Enterprise) Version 14.0.0, see *TIBCO Statistica® Installation Instructions*. In most cases, the migration can be successfully completed by following the menus and prompts displayed during the installation. You can contact TIBCO support if you encounter issues during this migration not described in the document.

## **Spotfire data function integration**

Spotfire Server LTS 10.10 upgraded to Java 11. You can use Statistica 14.0.0 based Data Functions with Spotfire Statistics Services. This requires Spotfire Server LTS 10.10 or later. For more information, see [Spotfire-1010](#).

## **Migrating Web Data Entry configurations**

The uninstall process of the earlier versions of Statistica might remove the custom configurations for Web Data Entry, so those configurations must first be backed up and then restored.

For more information about migrating configurations for Web Data Entry from earlier versions of Statistica, see *TIBCO Statistica® Installation Instructions*.

## Deprecated and Removed Features

The following features have been deprecated or removed as of this release of TIBCO Statistica®.

Affected Component	Description
Analytics	<ul style="list-style-type: none"> <li>The Network Analytics functionality (server and services) has been deprecated and removed.</li> <li>The Microsoft Cognitive Toolkit (CNTK) integration and CNTK examples have been removed (note that Microsoft announced the final main release of CNTK on April 1, 2019).</li> <li>Retirement of Data Visualization Designer and related components (Visualization Designer) and features is planned. They are not included in the Statistica 14.0.0 release. For more details on the Retirement Notice on the TIBCO Support Portal, see <a href="#">Policy Retirement Notice for TIBCO Statistica Data Visualization</a>.</li> <li>The SVB.NET variant of SVB has been deprecated and is no longer available in Statistica 14.0.0.</li> </ul>
Server	<ul style="list-style-type: none"> <li>All Java WebUI Server scripts (WebStatistica UI applets) have been deprecated and removed; none of the capabilities for running analytics, Monitoring and Alerting Server (MAS) Dashboards, or other functionality (not depending on Java applets) are affected.</li> <li>User-defined properties associated with artifacts formerly managed independently through the Statistica Document Management Service system have been deprecated; all versioning and approvals are now managed directly through the common Enterprise functionality and underlying database tables (improved performance).</li> <li>During the installation of Statistica 14.0.0 the installer no longer provides the option to install SQL Express alongside Statistica. Previous versions of Statistica provided an option to install SQL Express at the time of installing Statistica. SQL Express is still supported as a database for Statistica 14.0.0 Server, but is no longer used for large documents or large numbers of production-sized documents. SQL Express is not a recommended database for large production deployments of Statistica Server.</li> </ul>

## Closed Issues

The following issues have been fixed in this release of TIBCO Statistica®.

Issue	Description
<b>Analytics(Boosted Trees)</b>	
STAT-8456	When you dealt with large datasets, Boosted Tree displayed an error instead of warning.
STAT-7960	<b>Boosted Classification Trees</b> node did not remember "Advanced" and "Code Generator" settings when the input dataset was changed.
<b>Analytics (Clustering)</b>	
STAT-9295	Beta Generalized k-means node was not producing proper PMML Model node.
<b>Analytics (Correlations)</b>	
STAT-7525	Correlation Matrices - Color Map did not have a gray highlight for 0 to -0.2.
STAT-4936	When you ran a Kendall tau test, it displayed empty p-value.
<b>Analytics (Distribution Fitting)</b>	
STAT-7626	The expected values in the result summary table of the Distribution fitting node were not updated when you changed the mean value away from default in the node.
<b>Analytics (Dynamic Time Warping)</b>	
STAT-8581	DTW (Dynamic Time Warping node) node failed due to inconsistent handling of missing data.
<b>Analytics (Generalized Linear Models)</b>	
STAT-10192	Error was displayed in descriptive statistics output from GLZ.
<b>Analytics (Industrial Statistics)</b>	
STAT-7809	Grouping variable functionality did not work properly in the Process Analysis module.
STAT-7676	In a QC chart or graph in WebStatistica, Lower Spec Limit lines appear wavy.
<b>Analytics (Lasso Regression)</b>	
STAT-7768	<b>Parameter Estimates</b> coefficients table as downstream output document in Lasso Regression node for further analysis was not present.

Issue	Description
STAT-7540	When you added new variables to input data source, Lasso regression node wildcard variable selection displayed an error.
<b>Analytics (Model Comparison Node)</b>	
STAT-8828	Model Comparison result table column <b>sum of squared regression</b> was changed to <b>sum of squared total</b> .
<b>Analytics (Neural Nets)</b>	
STAT-10104	Weights spreadsheet in SANN output displayed discrepancy between neuron labeling.
<b>Analytics (PCA)</b>	
STAT-9658	PCA results were different with various settings (levels of report details from Data Miner Workspace node).
<b>Analytics (Predictor Screening)</b>	
STAT-7735	Predictor Screening node displayed fatal error (conflicting variable names).
<b>Analytics (Profiler)</b>	
STAT-8949	Model Profiler did not work with custom Variable Name Format (For example: Color, Bold) for input predictors.
<b>Analytics (Python Integration)</b>	
STAT-9374	RouteOutput calls failed (due to time-out) on long-running Python nodes.
STAT-7718	Python Spreadsheet() function did not work for large datafiles.
<b>Analytics (R-Integration)</b>	
STAT-8771	Package COMadaptR was not available for R 3.6.1.
STAT-6730	COMadaptR did not work for R 3.5.
STAT-5960	R Integration: Error [0x80020005] Failed to set this property on COM object: VariableTypeLength.
<b>Analytics (Rapid Deployment Scoring)</b>	
STAT-8310	Inconsistent results were displayed with respect to handling of unmatched categories on inputs; scoring of multiple models using Rules Builder vs. Rapid Deployment).
STAT-8284	In PMML model generated from lasso regression node, variable name that contained string "reP" was changed to something else.

Issue	Description
<b>Analytics (Stability Analysis)</b>	
STAT-10114	Sometimes, Regression Lines were not plotted in Stability Analysis node.
<b>Analytics (Summary Graphs)</b>	
STAT-10045	When using Time/DateTime in X-axis, Scatterplot scaling appeared to be wrong.
STAT-8841	An error was displayed in <b>Descriptive Statistics</b> node: Summary graphs were not generated when more than 1000000 cases were selected.
STAT-8826	Grouping variable was missing in Variability Plot when Var had >350 values.
STAT-8436	Statistica Graphic query builder restriction: You could not add members from same dimension to both axis and slicer when MDX statements to query OLAP Cube Database were built.
STAT-8125	When you clicked the <b>Disconnect objects from graph</b> option for the legend, Graph legend was missing when graph was saved to word.
STAT-7955	Blank graph was produced for variability plot.
STAT-7810	Users could not add legend line symbol for Custom Functions or Custom Fit function in Graph.
<b>Analytics (VEPAC)</b>	
STAT-10036	There was discrepancy in the calculation results in the VEPAC module (Report REML estimates cannot be computed if Hessian matrix inversion identifies zero-matrix.)
<b>Analytics (Profiler)</b>	
STAT-8969	Model Profiler simulation did not work for GLM model with interaction terms.
<b>Data Entry</b>	
STAT-10294	When the Data Entry Server had a variable name same as Oracle keyword, migration of Data Configuration from DES displayed an error.
STAT-6627	Data configuration based off Data Entry Server displayed blank for time variable with date/time label format in hh:mm.
STAT-9959	After reverting to an earlier version Data Entry Server Setup, the <b>Blind Data Entry</b> option was cleared by default.

Issue	Description
STAT-9777	Data Entry: Data Approver (without Historical Edit permissions) could Revise/Edit data that was already approved by the same Approver.
STAT-9473	Label data with < caused an Unexpected error in Data Entry.
STAT-9472	When you included Sample Status in new query for data configuration it caused label values to be truncated.
STAT-9209	If the value was entered with a trailing space, Data Entry input marked for unique values was still saved.
STAT-8624	Audit log failed to log the "Delete" action of a piece.
STAT-8579	When you tried to load next page on the samples grid view a WDE: an error message was displayed.
STAT-8513	WebDE's GetSampleRevisionHistory function did not shut down properly.
STAT-8502	The Queried label did not load value when a matching sample was entered for an automatic blind data entry.
STAT-7771	Data Entry PDF output option caused an error in French Browser.
<b>Data Export</b>	
STAT-8540	<b>WriteBackToDatabase</b> node displayed an error for a converted Text variable.
STAT-7874	When exporting and importing CSV file with text values containing comma, an error was displayed.
<b>Data Import</b>	
STAT-9186	Statistica was not able to import Excel file created by R Statistica node.
STAT-7832	There were problems with some direct Copying operations; copy data from Excel file and Pasting to Statistica spreadsheet.
STAT-7793	Query Spreadsheet node had very slow performance.
STAT-7171	Import text files with text values including quotes (HDFS) were not imported correctly.
<b>Data Miner Workspace</b>	
STAT-10046	<b>CreateFlagVariable</b> node displayed "Out of Memory" error when changing "Value of Variable" section.
STAT-9906	Smoothing transformation node with very large smoothing window resulted in unexpected behavior.

Issue	Description
STAT-9900	The PMML node UI displayed the wrong Target Variable in interactive UI.
STAT-9843	Customization script was copied twice when any node with customization scripts was copied over.
STAT-9466	Reloadnodes.txt overreached when refreshing custom node codes with the same base filename in Reloadnodes.txt.
STAT-9221	Desktop heap exhausted on Transformation of variable node.
STAT-9052	<b>Point Loupe glass on</b> node output spreadsheet caused all downstream nodes to re-run.
STAT-8833	The "Save (Create a New node)" feature failed silently with no error when the original dmi file was missing.
STAT-8252	The subset node gave different table headers between 13.1 and 13.5.
STAT-8147	<b>Text miner rapid deployment</b> node always displayed error when no input data was linked.
STAT-7904	Spotfire Data Connection node: Did not handle CSRF token enabled Spotfire server connections with Integrated authentication
STAT-7834	Implemented output from k-Means Clustering needed more options to control what was reported downstream.
STAT-3924	Customize output from workspace nodes applied scripts to relative position of Workbook Items rather than by Item (For example: Graph) name.
<b>Statistica PI Add-In</b>	
STAT-9974	PI Event/AAsset Framework error messages did not propagate properly (Monitoring and Alerting Server; Embedded Workspaces)
STAT-8047	Event Frame returned nothing when a part of the data had no attribute.
<b>Spotfire Data Function Integration</b>	
STAT-8905	New name was not preserved in the Spotfire Output Table based on Statistica Data function.
STAT-7820	Parameter error was displayed in Data Function from Spotfire -Statistica Extension.
<b>Statistica Server</b>	
STAT-9987	MAS did not have an option to load user profile at the COM+ level

Issue	Description
STAT-9944	Sorting was extremely slow on Enterprise object tree content in APIs used by WebStatistica.
STAT-9846	<b>Enterprise Analysis Ad Hoc with input data</b> node did not show the SQL criteria dialog box in WebStatistica.
STAT-9808	Report's version/revision parameters did not appear in PDF generated through WebStatistica (present when produced through Enterprise Manager)
STAT-9446	Graph modification made using Secondary SVB was not preserved in IQC analysis configuration.
STAT-9024	Using SVX -files stored in Enterprise with new style nodes did not work.
STAT-8878	Version 13.5 with german language pack generated wrong connection string with Statistica OLE DB provider.
STAT-8718	Saving the mapped drives in Data Miner nodes saved the shortcut instead of the full UNC path of the network drive.
STAT-8495	SOAP request displayed the following error: Enterprise database connection has been lost when ClearCache=0 after upgraded to 13.5.
STAT-8243	Greater than equal to symbol $\geq$ was converted to = in Enterprise queries.
STAT-8234	Running some analysis configuration was never completed.
STAT-8177	When different hierarchies were selected on the same axis, CROSSJOIN was missing in the MDX statement generated from Graphic query builder.
STAT-7795	Specific PMML models published from Statistica 13.5 could not be deployed to Streambase from Statistica publish model node or from AMS deploy option.
STAT-7758	When a workspace is run in Statistica, temp files piled up in temp folder.
STAT-7705	Scheduled tasks with no tasks in them caused MAS crash.
STAT-7678	Spreadsheet was cut off in WebStatistica report.
STAT-7634	<b>Query Spreadsheet</b> node errored out with Unsuccessful call to MultipleSubsetByGroup.
STAT-7255	<b>Enterprise Ad-hoc</b> node with Input data did not work as expected with between operator.
STAT-5475	The logging of a subset data did not record the selection condition when Audit Trail was enabled on the spreadsheet.

Issue	Description
STAT-4001	Enterprise ad hoc with input data node: Changes to the way the 'CONTAINS' and 'IN' Keywords implementation; efficiency improvements to SQL query generation
STAT-3958	When you move over sample points (X-bar chart), Quick info in qc charts in WebStatistica was confusing.
STAT-2779	Advanced Query Builder was not stable when very complex queries were constructed.

## Known Issues

The following issue exist in this release of TIBCO Statistica®.

Key	Summary
STAT-10423	<p><b>Summary:</b> In the Statistica desktop interface, when you review graph documents containing multiple graphs (For example: such as multiple-QC Charts in a single graph document) in a workbook, clicking on the Ribbon-toolbar button to Bring-(Object)-to-front or Bring-(Object)-to-back button might result in a crash.</p> <p><b>Workaround:</b> Double click on the plot and increase the width of the line that is hidden. For more details, see option2 in <a href="#">Handle overlap of plot lines</a>.</p>
STAT-8631	<p><b>Summary:</b> Difference in rounding off median in Graphical Summary Plots; other results: Because not all floating point numbers (results) can be represented exactly internally by the computing resources (processors), ambiguities in rounding off numbers in extreme borderline conditions can occur in rare cases. This can, for example, surface in statistical results where some result is displayed as 2.49 in a previous version of Statistica, but as 2.50 in Version 14.0.0.</p> <p>Statistica 14.0.0 uses a newer version of a C++ and in the rare cases uncovered during testing where such rounding differences became apparent, the reported results were demonstrated to be consistent with other computational/statistical engines.</p> <p><b>Workaround:</b> None</p>
STAT-4283	<p>The latest distributions of Python (3.8) and R (4) are currently not supported in the respective Script-based Workspace nodes (Python Node, R Node), and the respective Statistica Example Workspace (Example_InputsOutputsAndParametersInCodeNodes.SDM) reports errors when executed against those distributions of Python or R.</p> <p><b>Workaround:</b> Use versions Python 3.5 and R 3.6.x or earlier.</p>

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