

TeamMate Analytics 5.2 Release Notes - March 2018

This is an updated release with exciting new features and enhancements, including:

Cleansing data

- New data cleansing tools for splitting and combining data in columns, and extracting numeric data from text.

Tool enhancements

- Updates to standalone tools, such as Duplicates, Words and Phrases, Exception Report and Normalize Fields to provide new capabilities and increase flexibility.
- Updates to custom module tools, including Visualize, Summarize and Random Sample to provide more flexible outputs including richer charts.

Test Library

- Updates to test library content, and the added ability to easily see which tests include custom modules, and run them instantly straight from the test library.

Custom Modules

- Updated standard custom modules, adding transaction scoring and visualization dashboards to make results easier to digest.

Accessibility

- Numerous enhancements throughout the software to improve accessibility in line with WCAG 2.0, including compatibility with screen reader software, high contrast modes, keyboard-only control and non-color-based validation of inputs.

Enhancements

Reference	Area	Details
S-33920	Test Library	Added a new icon to identify tests that contain a custom module. This icon is a clickable button that will run that module (/test) straight away without needing to first add it to the custom module manager.
S-33921	Test Library	Added a clear all button to the test library search term box.
S-35640	Test Library	Updated test library custom modules to incorporate new tests.
S-33908	Split text to columns	Added new Split text to columns tool to enable delimited text in one column to be split into multiple columns, or for particular parts of the text to be extracted to a new column.
S-34355	Combine text to column	Added new Combine text to column to enable simple joining/concatenation of multiple columns into a single column. This tool also allows static text to be included.
S-34084	Manipulate text	Added new tool to remove everything but numbers and number-related symbols representing negative numbers or decimal separators (i.e. "(, ", "-.", ".") from a cell.
S-33922	Words and Phrases	Added new "Search for whole words only" option to Words and Phrases, in addition to the existing "Search within words" option.
S-35319	Words and Phrases and Normalization	Added new "Search for whole cells only" option to Words and Phrases, and Normalize Fields in addition to the existing "Search within words" and "Search for whole words only" options. These options have been added to both the standalone and Custom Module versions of these tools.
S-34185	Various	Added the ability to select multiple dates, words, normalization and other lists using CTRL and SHIFT in various tools.
S-33923	Duplicates	Added new options for the outputs of the tool: Remove duplicates - keep first only; Remove duplicates - keep last only; Find unique - remove all duplicates; in addition to the current behavior: Find duplicate - keep all.
S-34085	Duplicates	Added new PivotTable output option to Duplicates tool, in addition to the existing default Report option. This option displays the duplicated items in a summarized format.
S-33923	Duplicates	Added the ability to specify up to 6 (previously 3) matching columns. When using Same, Same, Different method, 6 "Same" columns and 1 "Different" column can be specified.
S-34237	Random Sample CM test	Added output options - PivotTable and None to existing Report option to provide more flexibility
S-34236	Exception Report CM test	Added output options - PivotTable and None to existing Report option to provide more flexibility

Reference	Area	Details
S-34235	Visualize CM test	Added the ability to specify a secondary "series" field, with options for clustered, stacked and stacked 100% chart formats.
S-34331	Summarize CM test	Added the ability to sort the output summary by any field in the summary in Ascending or Descending order.
S-34332	Exception Report and Exception Report CM test	Added the ability to use times (e.g. 08:00:00 or 4:00:00 PM) as inputs to both the standalone and custom module Exception Report tools.
Various	WCAG compatibility	Added non-color-based validation to inputs to show (*) icon for required fields and (!) icon for invalid inputs, in addition to existing red color coding. This is to improve accessibility in line with WCAG 2.0.
Various	WCAG compatibility	Added the ability to control all elements of the tool using the keyboard only, without any reliance on mouse input. This is to improve accessibility in line with WCAG 2.0.
Various	WCAG compatibility	Added compatibility with screen reader software to enable verbal description of all controls and inputs to the tool. This is to improve accessibility in line with WCAG 2.0.
Various	WCAG compatibility	Added compatibility with high-contrast display modes, to ensure all controls are legible in these modes. This is to improve accessibility in line with WCAG 2.0
S-35357	Import Wizard	Added Shift-JIS encoding to the list of available text encoding options for compatibility with some Japanese files.
S-35582	Languages	Added Japanese (ja) language pack.
S-34184	Options	Added the ability to reorder lists in options, using drag and drop. This applies to Projects, Dates lists, Dates (in lists), Words lists, Normalization lists, Formula lists. Words (in lists), Normalization rules and Tests are not re-orderable, these are now sorted alphabetically.
S-35847	Options	Added new dates lists for public holidays in [countries].
S-35318	Options	Added to Options a facility to enable or disable the additional non-color-based validation.
S-35848	Example data	Updated dates in the Example data file.
S-35849	Custom Modules	Updated standard custom modules to incorporate transaction scoring and visualization.

Defects

Reference	Area	Details
D-19111	Import Wizard	Import Wizard updated to enable numbers with brackets to be identified and imported as negative numbers.
D-19501	Custom Modules	Fixed a defect where an error can occur when switching between Excel windows while a Custom Module is running.
D-19478	Custom Modules	Fixed a defect where the cancel button on the define aging bands and visualize chart format forms would accept changes made.
D-19546	Monetary Unit Sampling	Fixed a defect with Monetary Unit Sampling - where 2 column headings were very similar, the wrong column would sometimes be read into the totals on the form.
D-19556	Summarize CM test	Fixed a defect where if a calculation was set but there was no calculation field (as a result of not defining a field in prepare sheets), the tool would produce an error message when run.
D-19562	Summarize CM test	Fixed a defect where the validation of calculation columns would not update correctly when changing the status of dependent tests.
D-19693	Quick Summary	Fixed a defect where if the same calculation was used twice an error message would be shown.
D-19839	Quick Summary	Fixed a defect where the validation for calculation column 1 would turn red if the column to summarize is changed. Also fixed UK spelling of "Summarize".
D-19872	Exception Report	Fixed a defect where changing action when dates are selected would result in overlapping controls.
D-19856	Various	Fixed a defect present only when running with German (Germany) regional settings - running a tool with table outputs would prompt a message saying there is an error with the file on reopening it.
D-19857	Stratification	Fixed a defect present only when running with German (Germany) regional settings - calculating date bands with Minimum-first of month of custom options would result in incorrectly formatted dates being shown.
D-19909	Manipulate text	Fixed a defect where, when applying a manipulate text tool to multiple columns or the whole worksheet, only rows down to the last non-blank cell in the last column would be affected.
D-19293	Sheet Checker	Fixed a defect where Sheet Checker would check the "Excel" used range, rather than the actual used range. This would sometimes result in the tool taking much longer to run than necessary due to checking large volumes of blank cells.
D-19977	Sheet Checker	Fixed a defect where, if there are multiple issues identified in the worksheet and only the "Duplicate headers" issue is fixed, an error message would be shown.

Reference	Area	Details
D-20366	Outliers	Fixed a defect where, with certain parameters selected, the number of records shown in the Cell A1 comment of the output worksheet would show 0 instead of the correct number.
D-20350	Quick Summary	Fixed a defect where running the tool twice with the same Summarize by field would show an error message.
D-20448	Various	Improved compatibility with varying levels of screen scaling, for ultra-high definition displays.

TeamMate Analytics 5.2 IT Overview

About this Document

This document is designed to answer pre-implementation questions about the TeamMate Analytics product. It is written for IT departments who are responsible for implementing TeamMate Analytics and need answers to specific questions and a high level overview before beginning the process. It is recommended to engage the IT Department before installing TeamMate Analytics.

Specifications

TeamMate Analytics	
<p>Excel Add-in to allow auditors to perform audit analytics on financial and non-financial data in an Excel worksheet.</p>	<ul style="list-style-type: none"> • Written in C# .NET • Integrates with installed version of MS Office via COM add-in (Excel 2007 to 2016) • Requires Microsoft .NET Framework 4.0 or above (Client and Extended) • Analytics Helper add-in written in VBA (an Excel Add-in) and adds undo and re-enabling functionality to the main add-in <p>Version 5.2, specifically the Import Wizard tool, utilizes licensed third party components and software for which copyright is held by their respective owners and summarized below.</p> <p>For further details, including the full licenses governing the use of these components, please refer to the file "ThirdParty_README.zip", located in the TeamMate Analytics installation folder (normally c:\Program Files\TeamMate Analytics or c:\Program Files (x86)\TeamMate Analytics).</p> <p>PDFtoText - A PDF to TXT converter Copyright Glyph & Cog, LLC., 1996-2014 License: GNU General Public License, version 2 (GPLv2)</p>
<p>Installation</p>	<p>The installation of the TeamMate Analytics is based on Windows Installer 3.0 technology with EXE files provided to the customer. The EXEs can be provided in MSI format. The EXE and MSI installation files include all internally developed and licensed components needed to run the application as well as user manuals. The EXE installation files bundle the MSI file and will install Microsoft .NET 4.0 Framework if not previously installed.</p>

Desktop Computer Requirements

TeamMate Analytics	
Web Services	Web service is used to retrieve licenses (with regular licensing mechanism) and to check version numbers (if that is enabled in Options). Web service is also used to submit error reports and suggestions; however, the user must actively submit. It does not happen automatically.

Configuration

The configuration file is designed for companies to customize the way that TeamMate Analytics works for all their users.

The config file must be created and pushed out to users by the company. There is no facility in TMA to create or modify a config file.

The config file functionality was added in TMA Version 5.0. It will not work in versions earlier than this.

Location

If it is installed to the installation folder for TMA (normally `c:\Program Files\TeamMate Analytics` or `c:\Program Files (x86)\TeamMate Analytics`), its settings will be read and applied. The file is not installed by the TMA installer, and most companies will not deploy a config file. If a config file is not present, TMA will simply operate as normal.

The file must be named "config.xml" to be read.

The config.xml file is a simple .xml file that lists certain settings.

The `<Config>` and `</Config>` tags must be placed at the start and end of the file.

The other parameters/tags. can be placed in any order.

An example of the .xml code is as follows:

```
<Config>
<BlockCheckForUpdates>true</BlockCheckForUpdates>
<BlockSuggestionBox>true</BlockSuggestionBox>
<BlockDemoTutorial>true</BlockDemoTutorial>
<ModuleUpdates>2</ModuleUpdates>
</Config>
```

1.1.1.1 BlockCheckForUpdates

This will deselect check for updates in Options and the option will be greyed out, so the user cannot enable it.

Some companies wish to do this to prevent data being sent to our servers. Others do this because they push out updates internally and don't want users installing updates themselves.

If the value is "true" the block will apply. If the value is "false" or the parameter/tag is entirely missing, the block will not apply.

1.1.1.2 BlockSuggestionBox

This will prevent the Suggestion box tool from appearing in the Help menu.

Some companies wish to do this to avoid users being able to send confidential information outside the company.

If the value is "true" the block will apply. If the value is "false" or the parameter/tag is entirely missing, the block will not apply.

1.1.1.3 BlockDemoTutorial

This will prevent the demo tutorial ever showing on start-up, including the first time the add-in is run.

Some companies wish to do this as they provide training internally, or otherwise would prefer the tutorial not to show.

Companies can still replace the demo tutorial slides/images with customized versions if they wish. Including this parameter in the config file will block all demo tutorials from showing, whether the default TMA tutorial, or a customized one.

If the value is "true" the block will apply. If the value is "false" or the parameter/tag is entirely missing, the block will not apply.

1.1.1.4 ModuleUpdates

Modules.xml is stored in the user's AppData\Local\TeamMate Analytics folder. This file holds the details of all of the Custom Modules that appear in their Custom Module Manager.

From Version 5.1, updates to the users' Modules.xml file can be applied by adding an updates file named module_updates.xml to the installation folder, within a subfolder named "Updates". This file can be created by exporting modules from the Custom Module Manager.

By default, TeamMate Analytics will automatically apply updates when this file is present in this folder. After applying the updates, the file will be moved to a subfolder entitled "Archive" and the file name will be date stamped.

The "ModuleUpdates" value can be used in the config file to modify how these updates are handled.

Value	Behavior
0 or null	Updates will be applied with notifications to the user <ul style="list-style-type: none"> • New modules will be notified to the user. The user can choose which to add. • Modules that have changed (by the same user as the existing version) will be notified to the user. The user can choose which to overwrite • Modules that have changed (by a different user to the existing version) will be notified to the user, but they cannot overwrite existing modules. These modules should be added via the "Add Standard Modules" function in the module manager.
1	Updates will never be applied
2	Updates will be applied without notifying the user <ul style="list-style-type: none"> • New modules will automatically be added • Modules that have changed (by the same user as the existing version) will be overwritten • Modules that have changed (by a different user to the existing version) will be not be updated

Copyright Notice

Complying with all applicable copyright laws is the responsibility of the user. Without limiting the rights under copyright, no part of this document may be reproduced, stored in or introduced into a retrieval system, or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), or for any purpose, without the express written permission of Wolters Kluwer.

© 2018 TeamMate Licensing B.V. All rights reserved.