Deltek Maconomy 2.4.5

Pre-Release Notes

Note: These pre-release notes are presented in DRAFT form and are subject to change. Final Release Notes for 2.4.5 will be released to coincide with the product release, September 2019.

August 2, 2019

Contents

Overview

Welcome to the Deltek Maconomy 2.4.5 Pre-Release Notes.

These release notes contain a summary of the following:

- Enhancements
- Software Issues Resolved

Enhancements

This section gives a high-level summary of the key features for Maconomy 2.4.5.

General Enhancements

Single Sign On via OneLogin

Deltek Tracking: 1078694

- The options for Single Sign On to Maconomy have been extended to offer integration to the external service provider OneLogin. SSO offers a new way of managing authentication in Maconomy. It offers an access management system that works across UIs (implemented in WSC, iAccess, and Touch).

Job Specific Task List Not Created When Utilizing WBS or Task Grouping Functionality

Deltek Tracking: 952727

Zero Dollar Invoice Exchange Rate Based on Account Currency Rate

Deltek Tracking: 1138004

Access Control Enhancements

Deltek Tracking: 1132179

- Improved top down setting of Access Control in Maconomy.
- Allow non-administrator users to allocate groups to other users as long as it doesn't exceeds their own window access.
- Allow non-administrator users who have created access levels to allocate the access level to other users.

Remarks Field

Deltek Tracking: 1115787

- Add Remarks fields to the User Role (to enable the usage of User Types in a Multi-role setup)

Statutory/BPM

India Statutory

Deltek Tracking: 1020475, 609018

- India Quote dimension values in Quote Editing transferred from job budget.

UK Statutory

Deltek Tracking: 1113803, 1088248

- Updated UK Reporting requirements.

- New UK Tax Submissions WebI report

Spain Statutory

Deltek Tracking: 792658

- ISI Data Export (Invoices Issued Report XML).

- ISI Data Export (Invoices Received Report XML)

- ISI Data Export (Supplier Payments Issued Report XML)

Cashflow Statement Reports

Deltek Tracking: 1113809, 870830

- Added BPM Cashflow Statement reports direct and indirect methods.

iAccess

Conversation Functionality

Deltek Tracking: 1070048

- Conversation functionality gives users the ability to communicate back and forth and discuss records directly in the relevant iAccess workspace.

- Includes Vendor Invoice notifications.

Touch

OneLogin in REST

Deltek Tracking: 1125299

- Supports OneLogin authentication in iOS and Android as well as in the browser version (using Chrome or Safari), providing an extra layer of security and access to manage company applications that you are using

Simplified Chinese in REST

Deltek Tracking: 1102610

- Ability to translate labels or text used in certain screens to the Simplified Chinese language (Chinese, Simplified in iOS or Chinese Simplified (China) in Android)

Calculate and Display Distance from Google Maps to Touch

Deltek Tracking: 1100207

- Ability to automatically display the calculated distance from Google Maps in the **Distance** field on the **Mileage Sheet Line** screen

Technology / System Administration

Certifications

- SQL Server 2017 for Maconomy (excluding BPM) (774369)

- Firefox ESR 68 Browser
- 1087545 - Pentaho 8.2 for BPM
- 1149954 - Android 9 for iAccess

Improved Data Imports

Deltek Tracking: 1035212

- A new Data Import Packages workspace streamlines the administration around importing multiple imports, assists in the managing of import data, offers a new level of validation and offers more intuitive insight into import status and error handling.
- Import performance: Use TDH/DbDesc instead of database lookup – The execution of running imports via the new Data Import Packages workspace has been optimized to improve the time taken to import data. (1079489)

APM Template Dashboards

Deltek Tracking: 1126447

Adjustment and packaging of template APM Splunk dashboards.

Performance Enhancements

Deltek Tracking: 1132174

- SQL Server Optimizations

New Application Performance Logging Framework Enhancements

Deltek Tracking:

Technology Enhancements

Deltek Tracking: 1064192

- Display total number of pages in MPL Prints
- Background Tasks – Send E-mail Alert upon Success, Failure on Incomplete Status

Install and Upgrade Enhancements

Deltek Tracking: 986116

- Automated TPU, Touch & iAccess Hotfix (CU) Installation
- Extended MConfig Scalable Server Configuration for reverse proxy / web servers

Extensions

- 1017046 - Additional Refinement of Import File Information in Extender Cross Environment Audit Report
- 1120358 - Optimized dependency resolution for building Maconomy universes.
- 1035216 - Standard Java source code bundled with the Extender
- 1027580 - ALL operations on a container executor can do an automatic read

Software Issues Resolved

2.4.5

Software Issues Resolved

Application >> Back Office

Defect 1115139

An Index for the field ParentCustomer has been added to the CompanyInformation relation.

Defect 1121108

Previously when printing a copy the general ledger using the standard layout, the date field would be cut off, missing the last digit in the year, if the date format of dd-MM-YYYY were used. This has now been corrected.

Defect 1121127

Previously when printing a payment selection using the standard layout, the date fields would be cut off, missing the last digit in the year. This has now been corrected.

Defect 1107799

Incorrect Address Hard-Coded on Standard Layout

Description: Previously, the PSO print layouts of Customeropenentrystat$xtrnl_MCS.mpl and Paymentorder$chck.mpl for the respective print dialogs P_CustomerOpenEntry and P_PaymentOrder contained hard-coded address data in the standard layouts. This is corrected so they instead make use of the appropriate company information.

Customers Impacted: All/DFME.

Workaround Before Fix: Customize the MPL layout.

Additional Notes: A SPU must be built and included when installing the hotfix, otherwise the changes to the PSO MPL files will not be included.

Defect 1113644

Unable to Reconcile Customer Intercompany Customer Payments

Description: Previously, intercompany customer payments did not show up in the reconcile card of the **Customer Entries** or **AR Lookups** workspaces. Instead, an empty greyed out card was visible. This error is corrected.

Customers Impacted: All.

Workaround Before Fix: Use the **Customer Open Entry Reconciliation** single dialog.

Note for hotfix installation: A SPU should be built and included in the installation of the hotfix

Defect 979930

Previously one could specify non-ASCII values for external character list in payment form substitution tables. This would cause a system error when payment files as only ASCII values are supported. This has now been corrected such that the External Character List field on substitution table only accept ASCII values.

If non-ASCII values are used prior to installing this fix they should be changed by the user to ASCII values instead.

Defect 1023276

The following indexes have been removed from Temporal1 table:

TEMPORAL102
TEMPORAL103
TEMPORAL104
TEMPORAL108

Index TEMPORAL102 has been previously used in the SqlHints.json file located in Definitions folder. Any queries that reference index TEMPORAL102 should be updated to reference index TEMPORAL101 instead. The coupling service must be restarted afterwards.

Defect 1079945

Previously when using multiple tax levels changing a tax code on one level and removing a tax code on another tax level on an Invoice Allocation Line the tax amount would not be recalculated for the tax level on which the code was changed. This has now been corrected.

Defect 1081259

Previously, when reversing an intercompany invoice the original invoice date was used for the reversal invoice. This would result in an error if the original date belonged to a closed period. Now, when reversing intercompany invoices it is possible to specify a new invoice date. By default the current date is suggested.

Defect 1082695

Previously, intercompany crediting would create entries on AP and AR sides, however, the "Due Date" on these entries would be different. The "Due Date" on customer entries would always be set to the date at the time the invoice was created, however, the "Due Date" on the vendor entries would always be set to the invoice date on the vendor invoice. This is now corrected such that the "Due Date" is always set to the invoice date on both, customer and vendor entries.

Defect 1085223

Previously copying a general journal with a closed prior period would result in an error message telling the user that the prior period is closed even if the copied journal were given a new entry date in an open posting period. This has now been fixed such that the new copy of the journal

will only check that the prior period is open if the new entry date is in the prior period.

Defect 1093249

Previously when changing an employee or contact person with a compensation model assigned, Maconomy would go through all compensation types in the compensation model to check if the employee/contact person was eligible for the compensation type. This has now been changed such that only compensation types that are mandatory or has a restriction in the form of a selection criteria will be checked for eligibility by the employee. This should improve the performance in situations where a compensation model has many non-mandatory and non-restricted compensation types.

Application >> Job Cost

Defect 1094006

Before when creating a time sheet line, assigning a favorite without a task, and then assigning the task manually, Maconomy would clear the assigned task upon creation. This is now changed such that the manually assigned task is kept in this scenario, if possible.

So now upon saving of time sheet line or expense sheet line, where Favorite field is updated, value in 'Task' column will be kept, if possible.

Defect 1097236

Prepared invoice from job budget with zero billing price job budget lines leads to wrong total billing price.

Defect 1064604

Before the progress in Delimit in Batch invoicing was based on a wrong number.

So even though all records was processed sometimes the counter did not reflect that.

Now the progress counter is based on the number of records that are actually processed in Delimit.

Hence progress indication should display the right numbers and not seem to end prematurely

Defect 1090043

Actions "Mark All For Daily Descriptions" and "Unmark All For Daily Descriptions" are now available in Import Task Lists

Defect 1025582

The data conversion of the field Invoicing Type on invoice printout lines was incorrect for invoice printout lines that belong to invoices printed before upgrade to version 8.0.

Defect 1033317

The job parameter attribute 'Invoice Editing Required for Invoicing on Account' was not working.

This has been corrected so that when this parameter is set to 'No' ten invoice editing will not be required for on account invoices.

Defect 985000

After correction of this bug the Cut-off Date variables in the card will be updated with the values, which were assigned to them in the Delimit wizard.

If the user has already chosen Cut-off and G/L Entry Dates the same day for a specific job, then this choice will be present, otherwise Cut-off and G/L Entry Dates will appear with initial values.

More detailed description of initial values for Cut-off and G/L Entry Dates can be found below:

If system parameter 'Number of Days to Keep Recent Choices in Invoice Selection' is greater than 0, then the Cut-off and G/L Entry Dates are initially set to the recent user's choice if any,

otherwise they will initially be set in accordance with the system parameters 'Open Invoice Selection Without Cut-off Date' and 'Invoice Selection Delimitation by G/L Entry Date'.

(More precisely, if the system parameter 'Open Invoice Selection Without Cut-off Date is set, then Cut-off and G/L Entry Dates are initially empty,

otherwise if 'Invoice Selection Delimitation by G/L Entry Date' is set, the G/L Entry Date limit is set to the last day of the previous month, otherwise Cut-off limit is set to the last day of the previous month.)

Defect 723545

You can transfer open job entries for particular employees in Job Transfer. You will enter selection criteria and e.g. new department/entity.

Approval will make a job transfer for all jobs and transfer all relevant job entries, but by error Maconomy will remove draft invoices and invoice preparations for all selected jobs regardless if some selected jobs did not have any job entries transferred.

The error has been corrected and only jobs with job entries actually transferred will have draft invoices and invoice preparations removed.

Defect 877239

Invoice drafts of invoice type "T&M and On Account" that had the field "Create Invoice From Quote" ticked in invoice layout rule

could display wrong amounts in "To be adjusted on draft".

It did not include "Invoiced on account".

This is now corrected.

Defect 911313

Posting of time sheets can give rise to a system error
from FINANCEENTRYMOD.INTERNALCREATE if the time sheet contains a job in another company,
the job parameter of type Time Transfer selected on the job specifies a non-zero unit (in either
hours or days) and the time sheet belongs to an employee in a company with base currency
equal to the enterprise currency.

Defect 1114543

When a job budget on a template job is not yet transferred to a job then the single dialog Job
Budgets shows a fatal error for that job. The error has been corrected.

Defect 1132224

System Parameter "AllowUserMaskingForCompany" were missing when upgrading from systems
older than 17 sp101

Defect 1139629

Forced Redraw Occurs When Approving or Rejecting Line

Description: When approving or rejecting a line in the Approval Center, the action previously
ended with a forced redraw. This was an issue especially when many lines were populated. This
error is corrected. In order to improve the performance of the dialogs used in the Approval
Center, a refresh of the table no longer occurs each time a user approves, rejects, or resets a
line. This will be noticeable especially for users approving many lines.

Customers Impacted: All.

Workaround Before Fix: None.

Defect 1116994

This has been observed on the SQL Server database: if the database is set up to enable parallel execution (MaxDOP > 1), then it has been seen that the order of the records returned from the database can change if the sorting specified is not unique. This could lead to "Data has been changed by another user" error in iAccess. This has been addressed by making sure that the sorting is unique for various tables in the Approval Center workspace.

Defect 1129616

We are now using a cache mechanism to cache more queries when opening and working the with the dialogs used in Approval Center. This will improve performance, especially if you have many lines for approval.

Application >> Trade and Misc

Defect 935502

Executing an email alerts distribution may cause a server error if another email alerts distribution is started simultaneously trying to lock the same log file name.

"Error in customization script: Uncaught exception 'error::stdlib::file::open' in Utilities/Workflow/EmailAlertsLog.1.ms(30): {message: could not get mutex lock for file '...EmailAlerts_Distribute_20xx.mm.dd_hh_mm_ss.log': Timeout ..."

The error may now only happen extremely rarely and a user friendly message is shown: "Log file error: could not open file [path and file name]".

Defect 1062215

References to template role was not getting removed, while deleting that template user.

This error has been corrected.

Defect 1098628

Previously it was not possible to delete user who created private selection criteria specification as blocked.

Changes made to resolve this issue.

BPM

Defect 1100879

The field of data that the Subscription Group object displays is changed from PRICEADJUSTMENTPRINCIPLENAME to SUBSCRIPTIONGROUP, which is the correct field for the aforementioned object.

Defect 1104589

The universe object "Tax Rate %" in the Tax Settlement universe has a display format that leaves out decimals. Hence, a value of 17.5% will display as 18%; e.g. in the Tax Settlement report. The format should include one decimal.

Defect 1091163

The report "WIP Aging, by Dimension" shows incorrect data for the column "Invoice on Account", when selecting a dimension other than "01" (Company).

Defect 1062666

Universe objects for reporting and filtering on fiscal year and period were not capable of handling multiple fiscal years starting in the same calendar year.
The logic of the objects is changed so that it follows the year and period set in Maconomy when setting up fiscal years. Hence, if periods are set up to reflect fiscal periods then the corresponding object in the Finance BPM universe "Fiscal Year" and related objects will reflect fiscal year numbering; else calendar month numbering. So basically, how the periods are considered when setting up is how they reflect when reporting.
This is the same logic as has always been applied in Maconomy and for Maconomy finance reports.
Customers do not need to do any changes to set up. However, it is important that customers are aware of how they interpret their designation of years and months for fiscal periods. Finance reports in BPM are to be restricted in the same way as the periods are set up. If periods are considered months, then restriction should follow that. If periods are considered fiscal periods, then restriction should follow that.
For customers having odd fiscal years or even fiscal years where two years start in the same calendar year, no changes are necessary concerning setup. Customers should just be aware that now they do not anymore need to restrict by fiscal periods but can use calendar months if that is how their system is set up.

NOTE: this should probably be emphasised in the documentation of finance reports.

Defect 980694

Findings: When locale is set to English the parameter "Report Currency" is accepting values from either "Reporting Currency" or "Report Currency".

On the other hand, when locale is set to non-English the BPM report is now expecting the value from "Reporting Currency". Unfortunately, the open-doc link used by Maconomy is only passing the value thru "Report Currency". This causes the report to display the prompt window since the Berichtswährung ("Report Currency:") is a required prompt and the value is missing.

Fix: The solution in BPM is to rename the parameter from "Reporting Currency" to "Report Currency" in the Currency Exchange universe.

Database Changes

N/A

Defect 1128855

The Opening Debit and Opening Credit balances are incorrect in the report General Ledger.

This was corrected by limiting their value based on the input Fiscal Year-Period From.

Also, corrected the Closing Debit, Credit and Balance by limiting their value based on Fiscal Year-Period To.

Defect 1141606

The User Information BPM universe handled multi tenants wrongly concerning access control.

Defect 1117157

Known Issue: Customer or Vendors (Suppliers) with no bank account currently will not display the mandatory field <BankAccountNumber> on the data export. This means it will always be required that the field is always filled up.

Defect 1117619

SIE: Dimension Field Numbers Incorrectly Mapped

Description: Previously, the mapping for #DIM was incorrect. This error is corrected.

Customers Impacted: All.

Workaround Before Fix: None.

Defect 1118421

Previously the report header shows #MULTIVALUE, this is now fixed.

Defect 1126357

SIE: #UNDERDIM Asset No. Values Not Retrieved

Defect 1126357 (Sev 3)

The value (UNDERDIM) for Asset No. is not displayed on the file.

Defect 1130646

The ticket concerns two different scenarios:

Previously, if tax settlements were reopened reports running on the Tax Settlement universe, could display rows with zero numbers on dimensions related only to date in the reopened settlement.

Tax data would, however, not be incorrect.

Previously, if tax settlements were invalidated (e.g. by changing the period of a settlement or changing the period of the reporting unit), reports running on the tax settlement universe would display the data related to the invalidated settlement.

Technology >> Back End >> Coupling server

Defect 905313

In some cases, an error could occur while refreshing notifications. This could happen if the notification text was based on long string fields containing special characters like double quote (") or backslash (\).

The error has now been fixed.

Defect 1096380

The Coupling Service would issue the following error message during startup: "Could not find the dictionary file for locale Key(en_US_W)"

The error did not have any implications for the health of the system. The situation leading to the error has now been fixed.

Technology >> Back End >> ExtensionFramework

Defect 898274

When a background task generator ("schedule rule") is imported and activated using the import program ImportBackgroundTaskGenerators, the "next due date" and "next due time" fields would not be set on the resulting rule.

This implied that the rule would never be triggered.

This has now been corrected, by the following adapted functionality: when a background task generator is activated through an import program, this will create a background task that will activate the background task generator. Doing so will lead to all the correct values being set (which - for technical reasons - cannot be done directly through the import program).

Therefore, the activate background task generators will not be actually activated until the corresponding background tasks have been picked up and executed by the system. Under normal operation, this would be expected to be within a few minutes. The actual time span, however, will depend on the setup and how busy the system is.

Defect 1121088

Extension Code Execution Error in Table Rows

Description: When extensions were previously used for table panes in Maconomy, the extension code did not always execute for events that related to a record with an index higher than 128 in the table. This error is corrected.

Customers Impacted: Any customers with extensions associated with table panes.

Workaround Before Fix:

The JVM used to run the Maconomy Coupling Service should be configured with the -XX:AutoBoxCacheMax flag.

For example,

-XX:AutoBoxCacheMax=5000

would make this error appear only in cases where up to 5000 rows are in a table.

Notice: if you have specified the server-option

-r*nnnn*

the value should be set to *nnnn*

You can find this setting in the MaconomyServer's .I-file in the IniFiles directory of the maconomy-home dir.

The default value (in case -r is not set) is 5000.

Technology >> Back End >> Server

Defect 869720

In some cases the Maconomy Server processes could trigger an access violation during shutdown, resulting in an error message and stack trace being written to the server log file. The stack trace would show that the error occurred when disposing the report object cache map (XROCache).

This error has been fixed.

Defect 576239

Running the Clear/Rebuild actions on the Reporting tab of the Preferences window in the Java Analyzer would cause the report cache to be permanently disabled on the Maconomy server instance that handled the action request.

The consequence of this was that all subsequent Analyzer reports executed by that server instance would not be cached on the server.

This error has now been corrected.

Defect 930859

For certain operations (such as Posting actions) the data being viewed will no longer exist afterwards.

An error meant that after such operations, parts of a workspace would be blanked and a refresh would make the data appear for the next record selected (for example in the filter).

This error has now been fixed.

Defect 1030699

An MScript performance issue was identified on Microsoft Windows servers with DEP (Data Execution Prevention) enabled.

The issue involved internal processing of large MScript data structures. This could affect GUI-2 portal components and server-side MScript dialog extensions.

This issue has now been fixed.

Defect 1096595

Improvements in the communication protocol between the Coupling Service and the Maconomy Server processes have reduced the performance overhead by around 20%.

For most requests the difference will typically be below a millisecond, but for operations requiring many round-trips as well as for total server CPU load the optimization could be noticeable.

Defect 1094112

Access Violation when Calling MScript Function

Description: Previously, calling the MScript function maconomy::dialogSearchOpen() for dialog "Jobs" caused the server to crash with an access violation. This error is corrected.

Customers Impacted: All 2.4.x customers.

Workaround Before Fix: None.

Defect 1099364

In Maconomy 2.3.4/2.4.3 the default behavior when attempting an SSO login for a user with expired Maconomy password had been changed. Instead of rejecting the SSO login the user was permitted to log in with expired password.

The result was that the user would be logged in but only have access to the 'Change Password' dialog.

The default behavior has now been change back to reject the SSO login, and thereby giving the user the option of performing a Maconomy password login and update the expired password.

Prior to this correction the old default behavior could be restored by adding the following setting to 'Maconomy(Custom).ini':

[ServerConfig]

IgnorePasswordExpired = false

Technology >> Front End >> Workspace client

Defect 1079840

Description: There was previously an error when creating a new customer in the AR Setup workspace. This error is corrected.

Customers Impacted: All.

Workaround Before Fix: Open AR Setup and refresh the filter list before creating a customer.

Defect 1088104

Missing Data When Opening Workspaces

Description: Previously, data only partially loaded in the filter list of certain workspaces when you first opened them.

Customers Impacted: All.

Workaround Before Fix: Refresh the workspace.

Defect 1022091

Previously <Description> field (column) in the table was always positioned last when metadata was enabled, independent of where it was positioned in the MDML layout.

This error has been corrected. The <Description> field (column) in the table is positioned in the same order as in the MDML layout, or as sorted by the user in the table.

Defect 1128006

Workspace Client report false errors

Description: Previously, the Workspace Client could report false errors when executing requests. This error is corrected.

Customers Impacted: All.

Workaround Before Fix: None

Touch

Could Not Save a Task for a Timesheet Line Using a Favorite

Deltek Tracking: 872005

Description: If you created a timesheet line using a favorite that had no tasks and you tried to set a task for that line, Touch would not save your selected task. If you tried to tap **Submit**, Touch would display an error message informing you that a project is related to the missing task.

Customers Impacted: This defect affected all Deltek Touch users.

Workaround Before Fix: None.

Unnecessary Blank Rectangles in Touch Screens

Deltek Tracking: 1131654

Description: Unnecessary blank rectangles displayed in several screens in Touch, cutting the bottom part of the affected screens. For example, when you tried to tap values in the date picker on the **Period** screen and when you swiped to delete a timesheet line on the **Timesheet** screen.

Customers Impacted: This defect affected Touch 3.2 users who were using an iPhone XR or iPhone XS Max device.

Workaround Before Fix: Tilt your mobile device screen.

No Cancel Option Displayed When Deleting a Timesheet Line in Portrait Mode

Deltek Tracking: 1142161

Description: If you swiped across a timesheet line and tapped **Delete** on the **Timesheet** screen, the portion containing the delete and cancel options at the bottom of the screen would not display properly. You would not be able to see the **Cancel** option. This issue occurred when you opened the application in portrait mode.

Customers Impacted: This defect affected Touch users who were on the **Weekly** submit mode and using an iPhone X device.

Workaround Before Fix: Tilt your mobile device screen.

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