**Deltek**

# Deltek Maconomy® 2.5.3

## Pre-Release Notes

**April 9, 2021**

# Contents

# Overview

Welcome to the Deltek Maconomy 2.5.3 Pre-Release Notes.

These release notes contain a summary of the following:

- Enhancements
- Software Issues Resolved

**Note**: See the *Deltek Maconomy Product Support* document for product announcements and details on upcoming desupport.

# Enhancements

This section gives a high-level summary of the key features for Maconomy 2.5.3.

## General Application Enhancements

### Static Validation of MDML via Extender

**Deltek Tracking: 1371047**

- This update fixes the errors in MDML fragments referenced in standard layouts, the errors caused by referenced long text fields, and the missing fields.

### Display Actuals in Resource Allocation Component

**Deltek Tracking: 1285022, 1387415**

- This feature adds the ability to view the actual hours worked by each employee, which you can compare against the planned/estimated hours to complete the job. You can also delete the imported resource allocations for months before the ETC date when updating the job budget. These are replaced by the actuals for each month to provide an accurate view of the current job's progress.

### Import Estimate Date Improvements

**Deltek Tracking: 1292932**

- The Estimate Date in Maconomy is now imported to all People Planner Web Components.

### System Parameter Update for Statutory Reports

**Deltek Tracking: 1350617**

- The **Use Entry Dates for UK Tax Submission (Making Tax Digital)** system parameter is renamed and is now used in multiple statutory reports.

### Pagero Import for Peppol Mappings

**Deltek Tracking: 1400131**

- We have added an import program for the Peppol mappings to make setup easier.

## Statutory/BPM

### Germany Elster USTVA and Permanent Filing

**Deltek Tracking: 401745**

- The German Elster USTVA and Permanent filing report is added to the Workspace Client and BI Launch Pad.

## BPM SIE Specific Reporting Structure

**Deltek Tracking: 1317110**

- A new reporting structure specific to the SIE report is added to differentiate between SIE and other finance reports. The reporting structure is identified by a new option named "SIE".

## Germany Elster USTVA Report: Add kz Lines to Report Selection Criterion

**Deltek Tracking: 1317602**

- Additional kz fields are added to the Elster Report selection criterion. This allows users to manually update and populate the XML output file with fields that go beyond the day-to-day VAT fields that were originally included in with the Elster report in Maconomy.

## UK MTD Period Change Keys updated

**Deltek Tracking: 1363517**

- Period change keys are updated from a fully numeric format (NNNN) to an alphanumeric format (NNAN/NNAA). Period keys for quarterly returns are updated to the NNAN format, while monthly and annual returns are updated to the NNAA format.

## Enhanced Reporting Module Structure

**Deltek Tracking: 1367953**

- The structure of the workspaces in the Reporting module is improved for coherence. The order and organization of the reports are enhanced based on their categories.

## 1099 MISC Placement in WSC

**Deltek Tracking: 1371042**

- The 1099-MISC report is added to the tab containing the 1099-NEC report. It is positioned as the first report in the tab.

## HMRC UK MTD Fraud Header Updates

**Deltek Tracking: 1409823**

- Several Fraud Headers for UK MTD filing are updated per HMRC specifications. These changes include the addition of new header data, format updates to existing headers, and updated header descriptions.

## UK PVA/MTD Requirements: Boxes 2, 8-9 Must Be Zero

**Deltek Tracking: 1386093**

- Maconomy is updated to align with the new HMRC MTD BREXIT rules that dictate that Boxes 2, 8, and 9 in the form are no longer used. These boxes are an EU-specific requirement and no longer apply to the UK as of the beginning of this year. The boxes are now hardcoded with a zero value.

**Note:** These fields still need to be filled in for Northern Ireland Protocols which, while part of the UK, is still an EU member.

## JOBENTRYJOBINVOICELINEPV Optimization

**Deltek Tracking: 1420342**

- The performance view indexes of JOBENTRYJOBINVOICELINEPV are enhanced for optimized performance on the SQL Server.

# iAccess

## Tree Tables in iAccess

**Deltek Tracking: 1139663**

- Tree tables are now implemented in iAccess. This feature includes the implementation of tree tables in job budgets that utilize a work breakdown structure (WBS)

## Supporting Line Breaks in Error Messages

**Deltek Tracking: 1316167**

- REST2 now supports line breaks and non-ASCII characters in message formatting.

## Enhanced Document Upload

**Deltek Tracking: 1412658**

- This feature improves on the document upload dialog found in workspaces that have document archives.

# Touch

## Improved Loading Spinner on Login

**Deltek Tracking: 1400582**

- A new loading spinner message is added to all Login screens.

## Pull-to-Refresh List Screens

**Deltek Tracking: 1380687**

- You can now use the pull-to-refresh functionality on list screens to obtain the latest updates to your expenses, mileage sheets, purchase orders, and absence and allowance requests.

## Missing Receipt Error in Archives

**Deltek Tracking: 1323873**

- An error message is updated on the **Attach Receipt** screen if there is no archive on the expense sheet.

## Minor Expenses UI Enhancements

**Deltek Tracking: 1323873**

- The **Expense Sheet Line** screen is improved with various user interface enhancements.

## Quick Capture with ICR Enhancements

**Deltek Tracking: 1400564, 1400544, 1392185**

- Quick Capture with intelligent character recognition (ICR) now supports application performance monitor (APM) logging, and local and cloud file browsing on iOS devices.

## Customizable Actions in REST

**Deltek Tracking: 1323885**

- Consultants can now customize REST actions. Specifically, you can modify existing actions and create new actions on custom Touch layouts except for Approvals. You can also combine actions using Java extension.

## Updated Calendar Widget in Daily Timesheets

**Deltek Tracking: 1420186**

- When viewing daily timesheets on the **Calendar** screen, you can now swipe left or right on the calendar widget to switch between months.

## Access Token for 2FA Enrollment

**Deltek Tracking: 1351331, 1345228**

- The first time you enroll a device when you log in using two-factor authentication (2FA), you can now be required to enter an access token.

## Detaching Receipts from Expenses

**Deltek Tracking: 1323873**

- A new **Detach Receipt** action is introduced which allows you to remove an attached receipt from an expense sheet line but keep the receipt in the Archives folder.

## Customizing Receipt Image Settings

**Deltek Tracking: 1400564, 1400540**

- Consultants can now modify the default image size and PDF quality settings of receipts captured through Quick Capture with intelligent character recognition (ICR) using new server settings.

# Integrations

No updates for this release.

# Performance Improvements

## iAccess and Third Party Integrations

**Deltek Tracking: 1413618**

- To improve performance of iAccess and third party integrations relying on the configurations endpoint in REST 2, we have implemented serverside caching of configuration files. This cache is invalidated on restart of the Coupling Service.

## Improvements to Background Task Index

**Deltek Tracking: 1434454**

- To improve performance of the background task engine, a few indexes were updated on the BackgroundTask table so that they are better utilized by the database.

## Performance Optimizations in Tables

**Deltek Tracking: 1372495, 1372499**

Performance optimizations are added to improve response time when you work with tables that have a large number of records.

# Security Enhancements

## Maconomy 2FA: Email Token Authentication

**Deltek Tracking: 1351331**

- The Maconomy 2FA login module now supplies a temporary access token to allow users to reconfigure their 2FA device.

# Technology / System Admin

## Background Tasks

**Deltek Tracking: 1354082, 1417173**

- Background Task User Manual
- General Enhancements

## REST API

**Deltek Tracking: 1353163, 1403891**

- **REST2 Support for Tree Tables in iAccess** - REST API has undergone some improvements to support tree tables in iAccess, another feature new with this release.
- REST2 Programmer's Guide is updated to support the functionality available with REST2.

## Okta / Single Sign On

**Deltek Tracking: 1429219**

- Maconomy now supports Okta, an OIDC authentication provider for single sign on. It offers a cloud-based identity and access management system that works across all Maconomy user interfaces, for both cloud and on-premises deployments.

## Printing Right-to-Left Languages

**Deltek Tracking: 1417166**

- Companies now have the capability to print languages that are natively read from right to left, such as Arabic.

## Data Import Packages Enhancements

**Deltek Tracking: 1417201**

- We have added two new fields, Option List and Selected Value, to Data Import Packages, which support option lists and function as they do elsewhere in Maconomy.

## Duplicate Index, Instance Key and Uniqueness Constraint Handling Tool

**Deltek Tracking: 1370956**

- The server now support index scripts.

## New Fields in Popup Fields to Support Extensions

**Deltek Tracking: 1425300**

- New fields are added to the Popup Fields single dialog workspace to provide more lists for possible values that you can use for extensions. The field names indicate that they are designated for extensions.

## Generic Error Codes

**Deltek Tracking: 1371219**

- For improved internal error tracking, we introduce codes on errors generated in the server. These error codes are in the format S-cd76e82a. Report this code if needed when communicating with Customer Care on a support case.

## MConfig Support for Improved iAccess-People Planner Configuration

**Deltek Tracking: 1412369**

- MConfig now automatically removes trailing forward slashes ('/') from iAccess-People Planner reverse proxy rule URLs.

## Removal of EmailOnAction in MDML

**Deltek Tracking: 1315328**

- The EmailOnAction mail server and port number is removed from MDML. Since EmailOnAction is now de-supported, the mail server is defined in server.ini.

# Certifications

**Deltek Tracking: 1240688**

- **SQL Server 2019** – for Maconomy
- **Android 11** – for iAccess
- **MAC OS 11 Big Sur** – for Maconomy
- **Java 8 Security Update 281**
- **ARM-based Mac replacement –** for Intel processors
- **OEL 8** – for Maconomy and iAccess
- **MAC OS 11 Big Sur** – for Maconom

# Software Issues Resolved

**Defect 1363518**

**UKMTD Period Keys Change on Obligation lines**

Period change keys are updated from numeric format (NNNN) to alphanumeric format (NNAN) for quarterly filing, while NNAA for monthly/annual filing. The **Date Submitted** field is now included in the table to check if the entry has already been submitted to HMRC.

**Defect 1386096**

**Hardcoded Boxes in UK MTD Data Export & UK Tax Submissions Report**

Effective January 1, 2021, the new HMRC MTD BREXIT rules dictate that Boxes 2, 8, and 9 in the form will no longer be used. These boxes are an EU-specific requirement and no longer apply to the UK as of the beginning of this year. The boxes are now hardcoded with a zero value.

Note: These fields still need to be filled in for **Northern Ireland Protocols** which, while part of the UK, is still an EU member. To categorize a company or a tax code under the Northern Ireland Protocols, see **Appendix C: Setup by Country » United Kingdom » Making Tax Digital (MTD) Tax Submission Report » Set Up Country Code Fields** for more information.

**Defect 1409824**

**UK MTD Fraud Header Updates**

New headers and header values are submitted to the HMRC site as part of the communication between Maconomy and HMRC. These are invoked by the following actions:
- Get VAT Obligations
- Submit VAT Obligations
- Get VAT Return

These new headers are now in a <key>=<value> format. The additional/changed headers that Maconomy submits to the HMRC are the following:
- Gov-Client-Device-ID
- Gov-Client-Local-Ips-Timestamp
- Gov-Client-User-Agent – This requires **url.mtdsysmanufacturer** and **url.mtdsysmodel** to be set in the server.ini file. **See Appendix C: Setup by Country » United Kingdom for more information.**
- Gov-Vendor-Product-Name

**Defect 1434386**

**Ability to use Option List - Remarks 2 as Tax Code for NSAFT**

NSAFT now has the capability to override the tax code using the remarks 2 field from the same option list for mapping standard tax codew. This feature will override <TaxCode> under <TaxTable> and <TaxInformation>. Character limit of 9 is still enforced for the values from the remarks 2 field. If the Tax

Code is neither in the option list nor mapped with a remarks 2 field it will show the original tax code from the Tax Code dialog in Maconomy.

## Defect 1436671

### Hardcoded Boxes in UK MTD Data Export & UK Tax Submission Report

Effective January 1, 2021, the new HMRC MTD BREXIT rules dictate that Boxes 2, 8, and 9 in the form will no longer be used. These boxes are an EU-specific requirement and no longer apply to the UK as of the beginning of this year. The boxes are now hardcoded with a zero value.

Note: These fields still need to be filled in for **Northern Ireland Protocols** which, while part of the UK, is still an EU member. To categorize a company or a tax code under the Northern Ireland Protocols, see **Appendix C: Setup by Country » United Kingdom » Making Tax Digital (MTD) Tax Submission Report » Set Up Country Code Fields** for more information.

## Defect 1389850

Application Performance Monitoring:

A top-level log entry has been added for background task actions, with name 'BatchServer:Action'. This will log the action being performed and the principal name information of the user the task is performed as.

The top-level logger for web service requests ('WebService:Request') has also been extended to include the principal name information of the user performing the request.

## Defect 1315329

When using the action 'EmailOnAction' from mdml-layouts specification of email-server and port by the parameters: 'MailServer' and 'MailPort' don't need to be there and the definitions are now ignored.

The email server and port being used is the one defined in either server.ini or System Parameters.

# Application >> Back Office

## Defect 1443365

### Synchronous Notification Error When Description Has Special Characters

A receiver of synchronous notification previously encountered an error if the description shown in the notification view included any of the following special characters: ', ", and \. This error is corrected.

## Defect 1394049

### Vendor Invoice Error on Fixed Assets With Decimal Values

When you previously created an invoice allocation line for a fixed asset, the system allowed you to set the quantity to a decimal value. This error is corrected.

### Defect 1402026

**Posting Error When Invoice Currency Is Different From Job Currency**

Previously, if the **Use P&L Posting of Invoices on Account** system parameter was enabled, you could not post an invoice on account with VAT if the invoice currency was different from job currency and the job currency was equal to the base/company or enterprise currency. This error is corrected.

### Defect 1408644

**Asset Depreciation Approval Through Import Programs**

Previously, an asset adjustment could be approved twice through import programs. This error is corrected.

### Defect 1412765

**Search Window for Company No. Opens Company Specific Customer**

When you previously opened the search window for the **Company No.** field on the Purchase Order Lines, the system opened the Company Specific Customer window instead of Companies. This error is corrected.

### Defect 1422012

**Empty FinanceEntryInstanceKey in the VendorEntry**

Previously, the FinanceEntryInstanceKey in the VendorEntry table did not populate when you created, submitted, and approved a vendor invoice. This error is corrected such that it populates with the instance key of the corresponding finance entry on the A/P balance account.

### Defect 1424421

**Finance Entries Created on Blocked Companies**

Previously, you could create and post finance entries on blocked companies. This error is corrected.

## Application >> Job Cost

### Defect 1430755

When opening approval center, you could in some situations get a system error if the task on the line was not found in the task list of the job. This has been changed to display an empty task description instead.

## Defect 1412895

It is possible to create a customer payment with a transaction number which is later used as invoice number for a job invoice (and this is perfectly fine). In this case the Payment Status for the invoice as shown in the Invoice History tab in the Jobs workspace might show that the invoice (or credit memo) has been reconciled even if the customer entry is still open. The behavior can be somewhat random as the database selects one of two customer entries which might have different Open/Closed status.

## Defect 1407528

It was not possible to create a Monthly Time Sheet for January, when it starts in week 53. It was also not possible to create a Daily Tile Sheet in that month. This error is now corrected.

## Defect 1421328

Top Level Planned Starting Date could not be updated to a later date and Top level Planned Ending Date could not be updated to an earlier date in WBS Job Budget. This error is corrected, so that all levels parent lines have Planned Starting Date and Planned Ending Date  updated correctly.

## Defect 1410444

### Error Moving Lines in Job Budget

When the job parameter type **Budgeting** was set to **Budgeting, Price Control** and you moved job budget lines up or down in the budgeting table, an internal error previously occurred. This error is corrected.

## Defect 1410645

In Daily Time Sheets dialog when creating a new timesheet and trying to search for an employee the 'Daily Check-in' search widow popped up instead of the 'Employee' search window.

Now this is fixed and the 'Employee' search window is shown.

## Defect 1410669

When looking up a job budget (with zero time activity hours budgetted) an exception may occur preventing seeing the job budget:

"Overflow in input value when converting to amount (type 'comp') exceeding maximum allowed value. max = 9007199254740991, input = 1.5737378537883461e+022"

The error in Maconomy has been fixed.

**Defect 1402355**

After correction of this bug 'Import Job Price List' will support JobPriceListLine:Delete for general job price list lines (not job specific).

E.g.:

JobPriceListLine:Format JobPriceListName Issue LineNumber

JobPriceListLine:Delete TestPriceList 2 1

JobPriceListLine:Format InstanceKey

JobPriceListLine:Delete JobPriceListLine00000000000000166751

**Defect 1400697**

The month names in "Absence - Year Overview" may now be shown localized, so that they do not display in English if another language is chosen.

A new variable MonthNameVar is available which will show a localized month name.

**Defect 1411064**

By error actions Reject Line, Approve Line, Reset Line were visible in  Jobs->Budgeting->Budget->All Approval Actions->Details and in Approvals WS in Single Dialogs->Set-up. This error is now corrected.

**Defect 1387826**

**Resource Allocation Import Error from People Planner**

When importing resource allocations from People Planner, an error stating 'The cost cannot be negative' previously displayed. This error is corrected.

**Defect 1399666**

When entering 'Amount, Currency' in Jobs>Invoicing>Plan, field 'Amount, Invoice Currency' was not updated correctly. This error is not corrected.

**Defect 1279622**

 It is possible to get the error 'Calling WeekDay with a nulldate' when trying to modify a week calendar. This error is now corrected.

**Defect 1370910**

After this bug correction, Absence Requests will be visible in the Absence Approval -> Absence Requests workspace to the user with enabled action 'See All Absences'

### Defect 1377911

Explicit commits have been removed from the RemoveZeroLines action and hence, we have also removed the TransactionControl Scattered specification from that action. This has been done in JobBudgets, API_JobBudgetsCard, API_JobBudgetsCardByType and API_JobBudgetsTableByType.

### Defect 1381638

On a Maconomy installation with SQL Server, different users can block each other when printing job invoices simultaneously.

## Application >> Trade and Misc

### Defect 1393794

**E-Invoice:  Several elements in InvoiceLine have no value for Subscription order - Invoice on Account**

### Defect 1393794

On account invoicing of sales orders and subscription orders is not supported by the e-invoicing functionality introduced with Maconomy 2.5.2. Support for these will be available in a future release.

## BPM

### Defect 1440687

**Box 1 Missing From Tax Details Tab For Customer Invoice Transactions**

In the Tax Details tab of the Webi UK Tax Submissions report , Box 1 was not previously populated even if it was included in the Data Export and Submission History tab. Box 1 should be populated when a transaction is a Customer Invoice with Goods or Services populated in Tax Popup 1. This error is corrected.

### Defect 1437800

**UK MTD: Incorrect Data on Entries if There Is No Tax Popup 1 Setup on Tax Codes**
Tax Popup 1 should be setup correctly in Tax Codes that are intended to be included for the UK MTD filing. Otherwise, incorrect amounts on boxes display in the report. See **Appendix C: Setup by Country » United Kingdom » UK PVA and RCM » Popup Field Setup** for more information.

### Defect 1438641

**ETL Contains Non-BPM Folders, Jobs, and Transformations**

Previously, ETL contained folders that were not part of BPM ETL. The unrelated folders are now removed.

### Defect 1397148

**Incorrect Value in First Year-Period of Quarter**

When you had an odd fiscal year setup with 13 fiscal periods, the First Year-Period of Quarter universe object displayed an incorrect value. For example, the universe object would display "2020-", instead of "2020-10". This error is corrected.

### Defect 1397838

The ETL gives load errors for Reporting Structures dimensions if caching is enabled for that transformation.

**Database Changes**

Some fields had the wrong datatype which did not convert when caching in Pentaho was enabled.

### Defect 1397890

Incorrect documentation of the N-SAFT data export. The AnalysisType tag states "PE" and not "P".

### Defect 1398303

**Incorrect Value in First Year-Period of Quarter**

When there were more than one Company No. for a Tax Reporting Unit in the Submission History tab of the UK Tax Submissions Report, a #MULTIVALUE previously displayed. This error is corrected such that it shows the list of companies per Tax Reporting Unit.

### Defect 1389230

**UK MTD PVA: Box 6 is Not Populated for Gold Transactions**

Box 6 was not previously populated for Gold transactions for PVA. This error is corrected.

Setup notes for this bug:

- Box 6 is populated with or without setting up Tax Popup 2 = PVA.

Tax Popup 1 should be set up as "Gold RCM" with Boolean 1 = true.

## Defect 1390377

### Error When Running NSAFT on Oracle 19c

When running NSAFT for Oracle 19c, the error message "The following database error occurred: No more data to read from socket." previously displayed. To resolve this issue, execute the following query on the database:

ALTER SYSTEM SET "_fix_control"='28725660:0';

## Defect 1390588

### Incorrect Fields in Outstanding Vendor Invoices

In the Outstanding Vendor Invoices report, the values for the **Invoiced Excl. Tax** and **Invoiced Incl. Tax** fields were previously incorrect. The **Invoiced Excl. Tax** field showed the amount plus the Tax amount, and the **Invoiced Incl. Tax** field showed the amount less the Tax amount. This error is corrected.

## Defect 1391033

### Improve and Optimize SIE Queries

Instead of having to manually modify or increase the timeouts in the server.ini or background task, this is now added directly in the code.

## Defect 1392225

### UK MTD: Negative Figures Unsupported on Box 5

Apart from the other fields for submission, Box 5 only shows positive figures, as HMRC does not accept negative figures. Box 5 displays the summary of Boxes 3 and 4. The system calculates this field such that MTD takes the larger amount and deducts the smaller amount from it.

**Defect 1392935**

**SIE: #TRANS Field Does Not Balance**

When there was previously a combination sequence number setup in the company, the #TRANS field in SIE report did not balance. This error is corrected.

**Defect 1394549**

**Revenue Analysis Report Filters off Customers and Jobs**

The Revenue Analysis report previously filtered off customers and jobs if there were no registered/invoiced amounts but has non-zero budget figures. This error is corrected.

**Defect 1395696**

**SIE: Grouping Level 1 Contains " " in #SRU Code**

Previously, the Grouping Level 1 value in #SRU code contained quotations (" ") as part of the value. This was incorrect as the value should only contain digits and not text. This error is corrected and " " is removed.

**Defect 1383926**

**Currency Type Updates from Workspace Client Do Not Reflect in BI Launchpad**

When you previously changed the value in the **Currency Type** field in the Outstanding Customer Invoices and Outstanding Vendor Invoices reports in the Workspace Client, the changes did not reflect in the BI Launchpad. This error is corrected.

**Defect 1380506**

**Incorrect Format of Total Payment % Column in Customer Invoice Status Report**

Previously, the Total of the Payment % column in the Customer Invoice Status report did not show the output in percentage format. This error is corrected.

**Defect 1381494**

**Registered Hours in the Invoicing Worksheet Report Are Rounded Off**

When you entered hours with one decimal value in your timesheet, the system previously rounded off the hours in the Invoicing Worksheet report. The Hours column did not display the exact values that you entered in the timesheet. This error is corrected.

**Defect 1371791**

**Employee No. Filter Prompt on Overdue Vendor Payments Report**

The Overdue Vendor Payments report previously had Employee No. filter prompt. This is now removed from the report and from the Workspace Client.

**Defect 1373943**

**Missing Spec. 1 Dimension in the Selection Criteria in Workspace Client**

You could not previously filter on Spec. 1 on several reports when you run them from the Workspace Client. The **Spec. 1** field was missing in the selection criteria of the reports. This error is corrected.

**Defect 734443**

**Missing "Figures in Thousands" Section Label in Finance Reports**

Some finance reports in BPM Reporting showed figures in thousands but the report layout did not have a section label that stated that the figures were in thousands. This error is corrected.

**Defect 1306400**

**SIE: Add #PROGRAM Release Version**

There was previously no release version tag in the #PROGRAM field. This error is corrected and the tag is now added.

Example (for Maconomy 2.4.4):

#PROGRAM "Maconomy" 20.0.104.0

**Defect 1320198**

**New Standard Dimensions in Bank Universe Are Not Sorted in LOVs**

Previously, Specification 4-10 and Local Specification 4-10 Name were not sorted in ascending order. This error is corrected.

## Defect 1323641

## Time Sheet Universe Incorrectly Combines Fixed Hours With Time Sheets Through Company Number

Due to an error in the Time Sheet universe, the Time Sheet Status reports could separate fixed hours and registered hours into two different tables for the same employee. This would happen if the employee created time sheet lines in a company different from the company of the employee.

## Defect 1366277

## Employee No. Filter Prompt on AP Aging and Outstanding Vendor Payment Reports

The AP Aging and Outstanding Vendor Payment reports previously had Employee No. filter prompt. This is now removed from the reports and from the Workspace Client.

## Defect 1367150

## Dates Not Wrapped in Start Date Column of Timesheet Reports

When you entered two-digit dates in the Start Date column of the timesheet reports, the system did not wrap the dates. This error is corrected.

## Defect 1370225

## Profit And Loss Report in Workspace Client

The BPM reports in the Reporting module were previously organized. As a result, the Profit And Loss report tab in the Financial Reporting workspace is renamed to Profit and Loss Reports for consistency.

## Defect 1370244

## Unable to Generate Data in Unsubmitted Time Report

The Unsubmitted Time report did not generate data for employees that did not have an assigned supervisor. This error is corrected.

## Database Changes

The correction of this bug is done by changing the join between Employee and Supervisor Employee in the Time Sheet universe. The join was previously an inner join - now it is an outer join.

## Defect 1401883

## UK MTD: Incorrect Fraud Header Format When Machine Set to Coordinated Universal Time (UTC)

Previously, UK MTD TimeZone fraud headers were not submitted in the correct format when the machine was set to Coordinated Universal Time (UTC). This error is corrected.

**Note**: Changes for Fraud Headers from Jan 2021 are not yet included in this release. These will be handled in a future release.

## Defect 1412188

### Opening Balance Includes Transactions from First Day of Selected Period

Previously, balances from transactions on the first day of the selected period were added to the opening balance. This error is corrected.

## Defect 1412194

### Values Exceed Character Limit When Symbols Are Included

NSAFT truncates strings that exceed the character limit. However, if a string contained symbols such as ampersand (&), less than (<), and greater than (>), the characters were escaped which caused the string to exceed the character limit again. This error is corrected. In instances where the escaped value is truncated, the system removes the reserved character at the end of the string to avoid an invalid XML.

## Defect 1412200

### Journal ID Is Not Mapped to Journal No.

The <JournalID> element previously contained the hardcoded value 'A'. In line with the new requirement from the Norwegian Tax Administration, this is now mapped to **Journal No.** field.

## Defect 1412217

### Removal of <AnalysisTypeTable> in NSAFT

The <AnalysisTypeTable> and its elements are temporarily removed until the new structure is implemented.

## Defect 1414412

### #VER Does Not Balance When Using Job Journal for Creating Multiple Transactions

#VER did not previously balance when the Job was selected in scenarios where the Entry Text was the same for all the transactions. **Instance Key** is now added but hidden in the report to create a more unique line.

## Defect 1416183

### Amounts Not Written Using Period as Decimal Delimiter

The SIE data export previously used the local settings to determine the decimal delimiter. This was incorrect as the delimiter should always be period. This error is corrected.

**Defect 1412924**

**NSAF-T: SupplierID and CustomerID Appear Simultaneously in Transaction Lines**

Previously, SupplierID and CustomerID were derived from the **Customer No.** and **Vendor No.** fields of the finance entry. This resulted in the <SupplierID> and <CustomerID> showing on non-sub-ledger entries and sometimes appearing in the same <Line>. This error has been corrected such that only A/R or A/P sub-ledger entries have Customer or Supplier ID.

**Defect 1413286**

**Reserved Characters Are Not Encoded for General Ledger Entries**

On the <GeneralLedgerEntries> part of NSAFT, values that contain characters such as ampersand (&), less than (<), and greater than (>) were not escaped correctly which resulted to an invalid file. This error is corrected. These reserved characters are now escaped as follows: ampersand to "&amp;", less than to "&lt;", and greater than to "&gt;".

**Defect 1426110**

**ETL Does Not Propagate New Standard Dimensions**

The ETL in BPM Analysis did not propagate and load the new standard dimensions Spec. 4-10 and Local Spec. 4-10 into the Data Warehouse Fact tables. This error is corrected.

# Technology >> Back End

**Defect 1400040**

The MScript mail package 'mscript::mail(3)' did not flush the SMTP socket stream between the DATA and QUIT commands.

As a result it could appear to the mail server as if the connection was not properly terminated by the client, causing it to discard the message instead of sending it.

The MScript mail package now flushes the socket stream and checks the server response to make sure the mail data is correctly received by the server, before issuing the QUIT command.

# Technology >> Back End >> Coupling server

**Defect 1376491**

The network connection keep-alive mechanism in the Workspace Client protocol (Mux-RMI) was a bit too sensitive to temporary network problems.

As a consequence it would occasionally terminate connections prematurely when the network was not able to transmit packages in a timely fashion.

The keep-alive settings of the Workspace Client protocol have now been adjusted to provide more resilience against temporary network problems.

## Defect 1396687

After the introduction of support for synchronous notifications in 2.5.1 the Maconomy server processes could occasionally print the following error in the server log file (MaconomyServer.log):

RPC::NotificationHandler: Error getting RemoveWith specifications: class
RPC::Failure(RPC_Exceptions.cpp#94): Expected 1 return parameter(s) but got 2

This error has no impact on the request that triggers it, except that any 'RemoveWith' rules added to customized MNSL specifications for asynchronous notification types would not be in effect for the request.

This could lead to one or more asynchronous notifications not being removed immediately, but only when the asynchronous notification type is explicitly recalculated.

## Defect 1097038

If multiple MaconomyServer instances were invoked on a locale right after the locale's dictionary file was deployed, they would frequently conflict with each other when trying to update the dictionary hash file.

The result was failing server operations and possibly an invalid or incomplete dictionary hash file. This typically happened on Maconomy installations used for iAccess development, when the iAccess browser window was refreshed after a dictionary deployment.

The server processes are now synchronizing using an OS semaphore (Windows) or a file lock (Linux) before they update dictionary hash files.

## Defect 1243462

When the Workspace Client connects through the 'muxrmi' protocol (which is the default protocol in Maconomy 2.5.x) the countdown clock on callbacks which require user interaction is no longer lowered to keep the total execution time of the ongoing request below the configured network timeout value.

This behavior was intended only for the 'dirmi' protocol where the request network channel would remain idle during callbacks, and therefore exposed to a network-level timeout value imposed by the infrastructure.

In the 'muxrmi' protocol request channels are not left idle during outstanding requests, and therefore the network timeout setting is now only treated as an upper limit on how long a Workspace Client is allowed to block ongoing requests while waiting for user interaction.

### Defect 1297043

The APM monitor log entries issued for legacy web requests did not retain the full list of parent entry IDs pointing back to the root WebDaemon log entry.

This error has now been corrected.

### Defect 1297067

The log depth assigned to APM monitor log entries reported for callback requests were not always correct. For instance a callback from an operation at log depth 3 could be reported as having a log depth of 2 instead of 4.

This error has now been corrected.

### Defect 1433132

Due to an error in internal caching, application-defined synchronous notification specifications would only be available to the first database shortname/locale combination for which these specifications were read.

All other shortname/locale combinations used on the installation would only see the MNSL-defined specifications.

Application-defined synchronous notification specifications are now used by all shortname/locale combinations.

### Defect 1406641

**CPU Bottleneck Results in Performance Problems**

On application servers that were already challenged on CPU resources during peak load, CPU overhead could previously push the server into CPU saturation and trigger widespread performance problems. This error is corrected. The APM logging framework has been optimized to reduce the CPU overhead required to handle large log volumes during peak load.

### Defect 1401250

Due to a coding error, additional realm-to-kdc mappings were not comma-separated when returned to MScript in 'maconomy::getSSOProperties()'.

As a result MScript only received one realm mapping, with an invalid kdc consisting of the actual kdc value, with the additional kdc-realm mappings appended.

This error has been corrected.

**Defect 1243473**

## Technology >> Back End >> ExtensionFramework

**Defect 1400547**

For extensions implementing a so-called "root container", delete operations may sometimes fail to delete anything. This is especially easily occurring when the container contains persisted fields of type real.

The error has been fixed,

The work-around beforehand was to implement a custom "persistence-strategy" to work-around the bug.

## Technology >> Back End >> Server

**Defect 1375575**

When exporting a table pane to Excel, sometimes this could lead to an error: "Field is attempted changed, but it is closed for editing".

This error could occur in rare situations when a custom calculated-field had been added to the associated Card-pane.

The error has now been fixed.

**Defect 1385926**

When a Maconomy server instance had executed MScript logic associated with a Maconomy dialog instance, it would leave its debug diagnostic information (session-id and tracking-id) behind on that server instance.

If the server instance later encountered a problem and logged an error to the Maconomy server log file, the entry would include this information making it look like the error was associated with an MScript session.

**Defect 1401747**

The properties returned by the MScript standard function 'maconomy::getSSOProperties()' did not correctly mark an Azure OAuth 2.0 configuration as being Azure ('azure:true'), but only marked it as a generic OAuth configuration ('oauth:true').

This meant that the Maconomy Portal was not able to correctly recognize the Azure login configuration, which resulted in an infinite reload loop during login.

This error has been corrected.

**Defect 1406432**

**Memory Leak in Maconomy Server**

Long-running application actions with many database queries previously resulted in a gradual increase of memory consumption in the Maconomy server process. If the action ran for a sufficiently long time (typically several hours), it could cause the server process to run out of memory and fail. This error is corrected.

**Defect 1424932**

A server memory leak has been discovered in Approval Hierarchies when used in conjunction with the Synchronous Notifications functionality introduced in Maconomy 2.5.1.

If large data imports are performed with this functionality enabled the server process performing the import is at risk of running out of memory and terminating.

To mitigate the issue when performing large data imports, the synchronous notifications should be disabled by unmarking the "Synchronous Notification" field on notification types.

This issue has now been fixed.

**Defect 1413290**

The Security Log database table would not log failing login attempts due to unknown user name when coming from the Workspace Client and RESTful API, including iAccess.

Additionally, such login attempts from the Maconomy Portal would get logged with an empty user name instead of the unknown user name entered by the user.

These errors have now been corrected.

**Defect 1438808**

Due to a regression introduced by an unrelated error correction it was no longer possible to obtain a business objects log session through the Maconomy RESTful API. As a consequence of this it was not possible to run Business Objects reports from iAccess.

This error has been corrected.

# Technology >> Front End >> iAccess

**Defect 1444241**

The number of popup values loaded by default was increased from 1,000 to 100,000, while the number of employees available in the search was increased from 10,000 to 100,000.

Furthermore, these two values are now configurable:

In Conversations.jsons - controls the number of employees loaded:

```
{

  "enabled": "true",

  "refreshInterval": 60,

  "conversationTypes": {

    "$ref": "ConversationTypes"

  },

  "employeeLookup": {

    "limit": 200000

  }

}
```

In Platform.json - controls the number of popups loaded:

```
{

  "language": {

    "$ref": "Language"

  },

  "usageTracking": {
```

```
    "$ref": "Usagetracking"

  },

  "containers": {

    "$ref": "Containers:Containers"

  },

  "typeAhead": {

    "$ref": "Typeahead"

  },

  "enums": {

    "limit": 200000

  }

}
```

**Defect 1411243**

**Red Notification Icon for Users With No Notifications**

**Browsers:** Chrome, Safari, and Firefox

iAccess displayed a red Notification icon even for users who had zero notifications requiring their action. This is now corrected.

## Tooling >> Mconfig

**Defect 1411027**

For IIS Reverse Proxys, the headers "Content-Security-Policy" and "X-Frame-Options" were added at server level instead of at site, which might cause other sites to malfunction. This has been fixed.

## Defect 1425603

- applicationHost.config is now manually synced, because AppCMD import/export functionality didn't export URL Rewrite Rules. This way the IIS configuration is mirrored 1-to-1 on server and node.

- In iAccess' webserver root web.config file, the machine's hostname is now replaced with the node's hostname, so that it doesn't redirect to the server instead of the IP

## Defect 1434567

Rewrite rule for PeoplePlanner Web Components has been changed from the incorrect "WebComp" to "PeoplePlannerWebComponents"

## Defect 1429217

MConfig would crash when changing the Refresh Interval for BPM performance views in the Shortname window for an application on Maconomy 2.5.1 or later.

## Defect 1430682

Previously, selecting "Create performance views" in MConfig's Shortnames window would create views for all definitions included in the APU. A new list of available BPM performance views allows selecting only the desired views for creation.

## Touch

### Defect 1217142

**Capability to Delete Check-in Information from Submitted Daily Timesheets**

Previously, you can delete and modify check-in entries even after submitting your daily timesheets on the **Timesheet** screen. Deletions or modifications should not be possible after submission. This defect affected Workspace Client and REST Touch users. This error is corrected when you upgrade to Maconomy 2.5.3 (or higher).

### Defect 1237982

**Rejection Reason Appears on Approved Expenses**

As an Approver, you are required to include an explanation for rejecting any filed requests. If you reject a request, reverse the rejection, and finally approve the request, the rejection reason should not display anywhere. However, when you approve previously rejected expenses, the expense sheet status changes to **Approved** but the rejection reason still appears on the submitter's side. This error is corrected when you upgrade to Maconomy 2.5.3 (or higher).

### Defect 1256193

**Loading Spinner Disappears When Attaching Receipts**

Loading spinners are essential in determining the progress of an action you took within the application. For example, if you attach a receipt to your expense sheet and save your changes, a loading spinner displays to indicate the receipt is being uploaded to the Maconomy server and it should appear until the receipt is attached. Previously, when you attempt to attach a receipt, the loading spinner disappears and reappears in a matter of seconds without completing the action. If you repeatedly tap the **Done** button while waiting, you will also encounter an error that prohibits you from saving your changes. These errors are corrected.

**Defect 1396875**

**Unable to View the Same Attachment Consecutively**

Previously, you cannot view the same attachment in succession on the **Expense Sheet**, **Purchase Order**, and **Approvals** screens. For example, if you view the attachment of your first expense sheet line but return to the **Expense Sheet** screen, and try to tap the same attachment again, the attachment does not load properly. This defect affected Deltek Touch for Maconomy users on iOS devices. This error is corrected.

**Defect 739573**

**Missing Week Calendar Prevents Logging In on REST**

If there is a missing week calendar and you try to log on the application, an error message displays. This defect affects Deltek Touch for Maconomy users who are using REST. This error is corrected.

**Defect 1403644**

**Unmodifiable Touch URL**

When the Touch URL becomes invalid, previously you cannot return to the **Touch URL** screen to make modifications. This defect affected Deltek Touch for Maconomy users on Android and iOS devices. A new window now appears which prompts you to change the URL as needed. This error is corrected.

**Defect 1428001**

**Okta Login Error on Android Devices**

Previously, if your Deltek Touch login setup includes Okta credentials and a verification code is sent to your registered email, you also have to tap "Do not challenge me on this device for the next 7 days." on the application before completing your authentication. Otherwise, you cannot log in again. This defect affected Deltek Touch for Maconomy users on Android devices. This error is corrected.

**Defect 1434316**

**Timesheet Actions on REST Calls MScript Function**

When you save a timesheet line or submit a timesheet on a system using the RESTful web service, the "getNotificationOverview" MScript operation is performed. This defect affected Deltek Touch for Maconomy users on REST. This error is corrected.

**Defect 1438631**

**Disabled Touch APM Logging for Multitenant Systems**

Previously, Touch APM logging for IIS with multitenant systems is disabled, which caused entries requests not to be logged. This error is corrected.

**Defect 1442639**

### Unable to Calculate Distance for Mileage Sheets

Distance is not calculated when you previously enter addresses in the **From** and **To** fields on your mileage sheet lines. This error is corrected.

**Defect 1443403**

### No Missing Receipt Error Message in Archives

One of the Touch 3.7 enhancements is the modification of an error message on the **Attach Receipt** screen, which appears when you attempt to select a photo of your expense receipt from an empty Archives folder. The updated error message previously did not display on the screen. This error is corrected.

**Defect 1419062**

### Google Analytics Not Tracking Real Time Data

Previously, active screens are not tracked in real time on Google Analytics. The defect affected usage tracking on Deltek Touch 3.5 and higher. This error is corrected.

# About Deltek

Better software means better projects. Deltek is the leading global provider of enterprise software and information solutions for project-based businesses. More than 23,000 organizations and millions of users in over 80 countries around the world rely on Deltek for superior levels of project intelligence, management and collaboration. Our industry-focused expertise powers project success by helping firms achieve performance that maximizes productivity and revenue. www.deltek.com

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