




Deltek

# Deltek Maconomy® 2.5

Release Notes

**November 22, 2019**



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# Overview

Welcome to the Deltek Maconomy 2.5 Release Notes.

These release notes contain a summary of the following:

- Pre-Installation Information
- Install Information
- Enhancements
- Database Changes
- Software Issues Resolved
- Known Issues

## Pre-Installation Information

Please review the contents of this section before you install Maconomy 2.5.

### Contents of this Service Pack

Maconomy 2.5 contains the following items:

- APU 2.5, including Touch 3.4 Web service
- TPU 2.5 with Maconomy Server 50.100.0.2100010000, including Portal Framework 26.0.100.
- PSO SPU 2.5
- Workspace Client 2.5
- Touch, including the Touch 3.4 Installer
- iAccess FPU 3.0.0

### Installation Preconditions

- **APU** – The APU in version 2.5 and in subsequent 2.5 Service Packs requires a TPU from the same Service Pack or from a Cumulative Update (CU) on the same release stream.
- **TPU** – Deltek recommends that you upgrade all TPU parts (in MConfig called Global tools, Application TPU, Application Portal TPU, Web TPU and Coupling Service TPU) whenever a Service Pack or a CU is installed.
- **MConfig** – MConfig 9.3 or higher is required for installation of the APU as well as the TPU.
- **Touch** – If you are already using Touch but not the latest version, you *must* upgrade Touch on your server and ensure your users upgrade to the latest app.
- **iAccess** – If you are already using iAccess, you *must* upgrade iAccess on your server.

### Core Maconomy Technical Considerations

The following are technical considerations for Maconomy 2.5.

#### APU Installation Notes

The Workspace Client is redesigned with a new default theme that is active immediately upon upgrade to 2.5. See the *Deltek Maconomy 2.5 Enhancements Guide*, Deltek Tracking 903939, for details, including system parameters that control the functionality.

The Access Control for Approvers feature is included in this release, which provides restricted access to approval items. Maconomy 2.5 (and newer versions) comes with a default setting that can be modified to support individual customer needs. Refer to the *Deltek Maconomy 2.5 Enhancements Guide*, Deltek Tracking 1174941, for details, including recommendations on actions prior to going live with this release.

#### TPU Installation Notes

- The .bash shell (version 7.04) is required for all Unix/Linux installations.
- Customized dictionaries for the Workspace Client are handled by the Extender. Refer to the Extender Handbook for details. The Extender ensures that both dynamic and static texts are updated.

## Surrogate Characters Not Supported

Surrogate characters are characters not representable in 2 bytes in UTF-16. They are mostly used in Chinese for representing seldom used characters. Maconomy currently does not support surrogate characters.

## Local Characters in Variable Names

Variable names in MScript may no longer contain non-ASCII characters. As of version 2.1, Maconomy no longer supports the use of Scandinavian letters ('æ ø å Æ Ø Å') in variable names in all Maconomy languages, including MScript, RGL, portal files, and MSL.

## Unnecessary Error Occurs During Installation

When performing an APU upgrade using version 2.4 GA or later of the Maconomy Server, a PPU\_Warning related to popup values might appear in the PPUDebug file as PPU\_Warning. These messages are expected during the APU upgrade process as the database is temporarily in a state that this neither the old version nor the new version. Ignore the messages and continue the installation. See defect 577837 for more information.

## Default Database Query Timeout

The default database query timeout might interfere with Maconomy Analyzer report queries which are expected to run for more than 5 minutes. In you are using such Analyzer reports you can increase the database query timeout with the following setting in 'MaconomyCustom.ini':

```
[ServerConfig]
```

```
DB_Cancellation_DefaultTimeout = <timeout-in-seconds>
```

## Touch Considerations

### System Numbers Are Now Strings

If you have Touch extensions involving Maconomy system numbers, you may need to update your extension to take into account that system numbers are now string values instead of integer values.

**Attention:** For additional Touch information, see the *Deltek Touch 3.4 for Maconomy 2.5 App Release Notes*.

## Supported Mobile Operating Systems

Deltek Touch for Maconomy supports mobile devices that run on the following operating systems:

- Apple iOS 12.0 and higher
- Android 7.0 and higher

**Note:** Deltek Touch Web application will no longer run in Internet Explorer, the only supported browsers are Safari and Chrome.

**Attention:** For more information about the Touch installation requirements, see the *Deltek Touch 3.4 for Maconomy 2.5 Installation Guide*.

## De-Supported Versions

This release no longer supports iOS11 and Windows Server 2008.

**Attention:** For additional Touch information, see the *Deltek Touch 3.4 for Maconomy 2.5 App Release Notes*.

## iAccess Considerations

Note the following iAccess considerations:

- Workspace configuration files are restructured (as of 2.4.5) to group workspaces in folders by functional area.
- Starting with Maconomy 2.5.1, iAccess no longer supports Internet Explorer 11.

See the *Deltek Maconomy 2.5 Enhancements Guide* for a complete list of changes.

Please note that if you have customized iAccess workspaces, there will be a task for an extension consultant to make these workspaces work after the upgrade to 2.5.

**Attention:** For more information about the iAccess installation, see the *Deltek iAccess Install Guide*.

## General Considerations

### Workflow Engine

With Maconomy 2.5, we have disabled default Workflow Engine functionality, as it is desupported. This functionality is not available as standard in the Workspace Client or in iAccess and the approval hierarchy functionality in the Workspace Client and iAccess has replaced the need for workflows. We will remove the functionality altogether with Maconomy 2.5.1.

## Supported Products

### Compatibility Matrix

Information about platform requirements (as well as supported Maconomy versions) is maintained in the Deltek Product Support Compatibility Matrix, located on the Deltek Customer Care Connect Site. In the Matrix, search on terms such as “Maconomy,” “iAccess for Maconomy,” or “Touch for Maconomy” to quickly navigate to the information you need.

#### Internal Link

<https://home.deltek.com/sites/products/Documents/DeltekProductSupportCompatibilityMatrix.pdf>

#### External Link – Deltek Customer Care Connect

[Deltek Product Support Compatibility Matrix](#)



## Maconomy Product Support

Refer to the Product Support document for additional information, including important upcoming support changes and plans for future support.

**Note:** This document is renamed from *Deltek Maconomy Family Product Support*.

[https://www.kona.com/#!/current/forum\\_topics/3209605/project/65917/comments](https://www.kona.com/#!/current/forum_topics/3209605/project/65917/comments)

## Special Actions Prior to Upgrade

Upgrading to 2.5 includes new special actions prior to upgrade for these features:

- Approval Hierarchy for Job Quotes
- Enhanced Vendor Invoice Reallocation
- Invoicing: Finance Entry of the A/R Control Account
- Increasing System Numbers

**Note:** See the *Deltek Maconomy 2.5 Upgrade Guide* for details.

## Integration with Talent Management

If you are upgrading from Maconomy 2.2.2 to 2.3 GA or later, and you integrate with Talent Management, you must delete old monitors and create new background tasks.

**To delete standard monitors and create background tasks, follow these steps:**

1. Use the SQL query on the Maconomy database to search for standard monitors:
2. `select * from Monitor where MonitorNumber = 'SynchronizeHRSmartUsers' or MonitorNumber = 'ImportDTMUsers';`
3. In the Monitors Single Dialog Workspace, locate and delete these two standard monitors: ImportDTMUsers and SynchronizeHRSmartUsers
4. Refer to the *Deltek Maconomy Integration With Talent Management Guide* for steps to create background tasks.

## Additional Actions in Upgrade Guides

**Numerous features with 2.4 GA forward require critical upgrade actions. See the *Deltek Maconomy Upgrade Guide* for details.**

## Translations

For Danish, Dutch, English (GB and US), Norwegian, and Swedish, both Standard and Solution dictionaries exist. Solution dictionaries contain industry-specific terminology for select terms for the selected language. For example, the standard term “Job” in US English translates into “Project” in US English MCS and into “Engagement” in US English CPA.

For all languages, Engineering has verified that a solution can be installed with that language as Enterprise Language. For languages with a solution variant, only the solution variants are validated for use as Enterprise Language. If this validation is not completed, manual corrections to the import files is expected during installation of a solution.

Updated dictionaries are made available once released from Engineering.

Language	Validated as Enterprise Language
Swedish	No
Swedish (MCS)	Yes
Italian	Yes
Norwegian	No
Norwegian (MCS)	Yes
Danish	No
Danish (MCS)	Yes
Dutch	Yes
Spanish	Yes
French	Yes
German	Yes
Portuguese	Yes
English (UK)	No
English (UK, MCS)	No
English (US)	No
English (US, MCS)	Yes
English (US, CPA)	Yes
Chinese	Yes

## Changes to Extensions Framework

The Extension Framework used for implementation of customizations and integrations is maintained and upgraded with new features enabling Business and Extension developers to handle even more requirements with less effort.

Migration from previous versions to the latest version of the Extension Framework may require few updates to existing extensions.

For more information about the latest version of the Extension Framework and migration please see the *Extension Framework Programmer's Guide*.

## Documentation

### Key Features of Documentation for Maconomy 2.5

Maconomy 2.5 Documentation includes the following new and updated documentation:

- New **Release Notes** now includes Touch and iAccess. Information includes summary of features, all software issues resolved, pre-installation information, and known issues.
- Updated **Enhancements Guide** — Includes details of all the new features for Maconomy, including Touch and iAccess.
- Updated **Maconomy Product Support** guide, which includes updated information on merged product support schedules for core Maconomy, iAccess, and Touch, as well as information for People Planner.
- Updated **System Admin Guide**:
  - Renamed “Menu Dock” section to “Displaying System Information on Clients,” and added iAccess-specific instructions.
  - Added new Data Import Program instructions.
  - Added OneLogin instructions.
  - Renamed Kona to Deltek Collaboration, and updated setup information for this integration.
  - Updated MPL information.
- Updated **Concepts Guide**, with new notifications and new transactions supported by approval hierarchies.
- Updated **Language Reference Guide**, with updated `fontname` attribute information.
- Updated **CRM and DTM Integration** documents to support new features.
- Updated BPM documents, including:
  - **BPM Install Guide**, now called the **BPM Install and Statutory Setup Guide**, with updated procedures for the Pentaho data integration tools.
  - **BPM Upgrade Guide**, with updated procedures for Pentaho 8.2.
- Updated the **iAccess Install Guide**, and converted the document to HTML.

**External Link:**

<https://help.deltek.com/product/MaconomyiAccess/2.5/Documentation/InstallationGuide>

## Locating Documentation Online

### Internal Link – SharePoint

All documentation is available internally on SharePoint (drill down by product and version):

<https://home.deltek.com/sites/products/Maconomy/Documents/Forms/AllItems.aspx>

### Customer Care

<https://dsm.deltek.com/documentationlists/DeltekMaconomy25GA.html>



## Enhancements

This section gives a high-level summary of the key features for Maconomy 2.5.

**Note:** For more information about the enhancements, see the *Deltek Maconomy 2.5 Enhancements Guide*.

### General Enhancements

#### Access Control for Approvers

**Deltek Tracking: 1174941**

- This enhancement introduces the concept of access tickets to grant users with temporary access to approval objects.

**Note:** Refer to the *Deltek Maconomy 2.5 Enhancements Guide*, Deltek Tracking 1174941, for details, including recommendations on actions prior to going live with this release.

#### Updated Deltek Branding in Maconomy and Related Products

**Deltek Tracking: 1181341**

- Updates Deltek branding in Workspace Client, Analyzer, Extender, iAccess, and the Portal.

### Approval Hierarchies

#### Job Quote Approval in Maconomy

**Deltek Tracking: 1071037, 996519, 1088150, 1105888, 1076826, 1075354**

- Maconomy now supports hierarchical job quote header approval in the Workspace Client, iAccess, and Touch.

#### Approval Hierarchy for General Journal

**Deltek Tracking: 1071040**

- A new Approval hierarchy for General Journal allows customers to configure advanced Approval workflows for General Journal headers and General Journal lines.

#### Prevent Self-Approval in Approval Hierarchies

**Deltek Tracking: 1071042**

- **Self-Approval Restrictions in Approval Hierarchies** – You can now prevent self-approval of an Approval item by not allowing the same person who submitted the item to also approve it.

## Approval Hierarchies Refactoring

**Deltek Tracking: 1125419**

- Approval Hierarchies code is refactored to reduce code redundancies and duplication.

## Approval Hierarchies for Draft Invoices Enhancements

**Deltek Tracking: 1145075, 1095638**

- A new field is introduced in draft invoices, which can be used as a selection criteria specification when setting up approval hierarchies. This enhancement also adds a system parameter to improve customization of approval hierarchies.

## Time and Expense Sheet Approval Improvements

**Deltek Tracking: 1162619**

- Approval workflows for time and expense sheets have been streamlined. If you are using approval hierarchies for these records, you can no longer combine this with a job approval setup.

## Back Office

### System Parameter for Number of Entries in Vendor Invoice Journals

**Deltek Tracking: 1129397, 774700**

- A single journal is created for each Vendor Invoice. Maconomy automatically creates a new Vendor Invoice journal and assigns the Vendor Invoice to this journal instead of grouping by the current user.

### Add Employee Relation to Selection Criteria for Job Draft Invoices

**Deltek Tracking: 1071043**

- The Employee relation has been added to the selection criteria line for draft invoices through the **Project Manager** field, enabling you to create more advanced Approval workflows.

## Enhanced Selection Criterion Specification and Change-on Change Functionality

**Deltek Tracking: 1132068**

- **Company Vendor and Payment Company Vendor Added to PO Target Group** -- The table relation on Purchase Orders is enhanced to include Company Vendor and Payment Company Vendor table sections.
- **Allow "Changes on Change" for Purchase Orders** – This enhancement allows Changes on Change functionality for Purchase Orders. It also adds Changes on Change functionality to all other Approval types to keep workflows consistent.

## Base Salary Rate Calculation for an Employee Range

**Deltek Tracking: 836515**

- This enhancement limits which employees are included in a base salary calculation by using a range of employee numbers.
- A new field is added to the Base Salary Rate Calculation Target Group, which specifies the range of employee numbers to include in the calculation.

## Removal of Euro Exchange Rate Tables

### Deltek Tracking: 1126295

- This enhancement removes outdated Euro tables that are no longer relevant or used. It improves the exchange rate calculations as less lookups are required.

## New Debit Credit Field

### Deltek Tracking: 1115433

- **New Debit/Credit Field on Reporting Structure Line** -- A new field on the Reporting Structure Line is introduced to show whether an account is debit or in credit. This feature is useful for statutory reports where the line must only show a debit balance or a credit balance.

## Exchange Rate Based on Invoice Date

### Deltek Tracking: 1129396, 800936

- **Use Invoice Date as Exchange Rate Date on Vendor Invoices** – A new company-specific system parameter is added to enable Maconomy to calculate the exchange rate based on the **invoice date**, instead of the **entry date**, when you create vendor invoices.

## Enhanced Vendor Invoice Allocation Workspace to Support Reallocation

### Deltek Tracking: 774702

- This enhancement removes the Reallocate Invoices single dialog workspace.
- Invoice Allocation single dialog workspace now supports both allocation and reallocation of credit memos and vendor invoices.

## Automatic Posting of Interest Charge Notice Journals

### Deltek Tracking: 755417

- **Automatic Posting of Interest Charge Notice** – A new company-specific system parameter is introduced to enable Maconomy to automatically post the interest charge notice journals.

## System Parameter for Unrealized Exchange Rate Variances for Control Accounts

### Deltek Tracking: 841812

- **Create Unrealized Exchange Rate Variances For Control Accounts** – A new company-specific system parameter is added to enable Maconomy to create unrealized exchange rate variances for control accounts.

## Increased System Number Capacity

**Deltek Tracking: 1130811**

- This enhancement increases the system number length from nine to 255 characters. The system numbers are changed from integer to string values to extend the capacity. This feature also updates the object format on the BPM Reporting universes to support the increased system number capacity.

## Tax Depreciation of Fixed Assets

**Deltek Tracking: 536720**

- This enhancement is introduced to enable you to restrict the tax depreciation of fixed assets. It also provides two new options to set up limitation on tax depreciation.

## Time and Expense

### Multiple Check-in or Check-out Time Entries Per Day

**Deltek Tracking: 1077699, 439452, 924309**

- This enhancement provides a more detailed and accurate representation of time worked daily. You can now log multiple entries per day in time sheets to track work hours and break times.
- This is implemented in the Workspace Client, iAccess, and Touch.

### Mandatory Numeric Fields in Expense Justification

**Deltek Tracking: 1068628, 949720**

- You can now add mandatory numeric fields to your expense sheets and search for values in option lists in the Expense Sheet Justification sub-tab. This functionality is available in the Workspace Client, iAccess, and Touch.

### Time Sheet Overview Workspace

**Deltek Tracking: 906078**

- This new iAccess workspace enables supervisors to review time sheet status for all employees under their supervision.

### Color Coded Statuses

**Deltek Tracking: 1187694**

- You can now use color coding on the **Status** field in the Time Sheet Overview workspace in iAccess.

### Tax Fields in the Expenses Workspace

**Deltek Tracking: 1199815**

- The tax fields are now added to the expense sheet lines in the standard expense sheet layout in iAccess.



## iAccess Notifications for Missing Time Sheets

**Deltek Tracking: 1134602, 1134620**

- The standard notification for missing daily and weekly time sheets are now available in iAccess.

## Approval Center in the Workspace Client

- The Approval Center is now available in the Time & Expenses module.

## Invoicing

### Document Archive for Draft Invoices

**Deltek Tracking: 616200, 614337, 912162, 1206290, 1214209**

- You can now attach and manage documents on draft invoices. Approvers can also review this attachments during the approval process.
- This is implemented in the Workspace Client and iAccess.

### Tracking Partial Payments in Invoice History

**Deltek Tracking: 586355, 804202**

- You can now track the balance of your job invoices through the **Remainder** fields and the Partially Reconciled payment status. The **Payment Status** field is updated with a Partially reconciled status. A new **Remainder** field shows the remainder.
- This is implemented in the Workspace Client and iAccess.

## Statutory/BPM

### Chinese Setup Guide

**Deltek Tracking: 962671**

- Created and released a Statutory Regulatory Guide for China.

### Selection Criteria on Report Tab

**Deltek Tracking: 563042**

- The selection criteria is moved to the new Report tab to enhance BPM reports.

## iAccess

### Enhancements to the Conversation Functionality

**Deltek Tracking: 1204848, 1204853, 1204850**

- This feature improves on the Conversations functionality introduced in 2.4.5, including the ability to paste copied text into the message pane and display URLs as hyperlinks.

## Role-Dependent Search Options

**Deltek Tracking: 1196212, 1093984**

- You can now annotate all search restrictions in filters with a visibility condition; this allows you to conditionally hide individual search restrictions.

## Displaying Additional Information on iAccess Systems

**Deltek Tracking: 1077740**

- **Labels on iAccess Systems** — You can now display the name of an iAccess system on its interface. (1046567)
- **Displaying Information on the iAccess Browser Tab** — If you are logged in to iAccess, your browser tab now displays your name as well as the name of the workspace you are currently viewing. (1211119)

## Enabling Charts in iAccess

**Deltek Tracking: 1097220, 1103856**

- You can now create charts and graphs based on the data in your company's Maconomy system, and display these in any iAccess workspace.

## Quotes Workspace

**Deltek Tracking: 1060377, 1060423**

- iAccess now includes a new Quotes workspace in the Jobs menu that enables users to create and revise job quotes as well as order confirmations.

## Credit Control Enhancements

**Deltek Tracking: 1065613**

- **Credit Control Support** -- Adds support for managing Credit Control events in iAccess in a new Collections workspace.
- **A/R Review Comments** -- Introduces the conversation feature in the Collections workspace.

## Embedded BPM Reports in iAccess Workspaces

**Deltek Tracking: 1068610, 966794, 1142763**

- BPM reports are now better integrated in the iAccess interface.

## Invoice History Enhancements

**Deltek Tracking: 586355, 1209696**

- This enhancement allows you to track your partially settled invoices, pre-invoices, and credit memos. When you view an invoice's history, the **Payment Status** field now includes Partially Reconciled status. The **Payment Status** field is updated with a Partially Reconciled status. A new **Remainder** field shows the remainder, and you can check the remaining balances at a glance

## Touch

### Updated Icon in the App Store

**Deltek Tracking: 1209758**

The color of the Touch iOS application icon that displays in the Apple App Store has been updated to use dark lavender. In the previous release, the icon used blue, which was similar to that of the other Deltek mobile applications.

**Note:** The icon color (blue) for Android remains the same.

### String Object Type for System Numbers

**Deltek Tracking: 1189200**

The object type for system numbers has been changed to String from Integer to support a higher range of system numbers, on which many Maconomy fields are based. If you are using extensions in Touch (especially based on the MScript Web service), this update may affect several screens, such as **Purchase Orders**, **Expense Sheets**, **Vendor Invoices**, and **Draft Invoices**, among others.

**Attention:** For more details, see the Deltek Touch 3.4 for Maconomy 2.5 App Release Notes.

### Support for Quote Approval in Touch

**Deltek Tracking: 1075354**

Touch now supports approval of job quotes. The **Quotes Approval** (displays list of job quotes awaiting approval), **Quote** (allows you to approve or reject a job quote), and **Quote Line** (displays job quote line details) screens are available.

**Attention:** For more details about the entire feature, see the Deltek Touch 3.4 for Maconomy 2.5 User Guide.

### Support for Time Entry Check-In and Check-Out Multiple Times per Day

**Deltek Tracking: 1074882**

- You can now register time check-in and check-out entries several times per day using the Check In tab on the **Timesheet** screen. You can only use this feature, however, if the **Check-In** field for you on the Employees tab in Maconomy core is enabled.
- This is implemented in the Workspace Client, iAccess, and Touch.

## Integrations

### Deltek Talent Management Organizational Structure Integration

**Deltek Tracking: 597579**

- This enhancement enables you to create and maintain a multi-level organizational structure in Maconomy and synchronize the organization structure to Talent Management making it available when onboarding new hires in Talent Management

### People Planner Integration

**Deltek Tracking: 1132123**

- **Updated Namespace Value for People Planner** – The Web Service Namespace API system parameter is updated with a new default value to use for logging in to the AP.

## System Admin

### Improved Data Import Package Process

**Deltek Tracking: 1035212, 1037705**

- A new Data Import Package process in Maconomy streamlines the import process.
- 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)
- The **Use Internal Names in Import Dialogs** system parameter enables Maconomy to automatically include internal field names and line types when importing information. (934690)

### APM Template Dashboards

**Deltek Tracking: 1126447**

We updated packaging of templates for APM, including Splunk dashboards.

### Performance Improvements

**Deltek Tracking: 1132198**

- **Notifications Recalculation Optimization** — There is a significant performance improvement for the recalculation of notifications due to a new collective query that functions by user role. (1062532)
- **Workflow Engine** — We have removed the Workflow Engine legacy lifecycle functionality from the product. (1187732)

## Technology Enhancements

### Deltek Tracking: 1132196

- **Exporting Dates and Time Using the Default Format in Excel** – You can now choose to export data to Microsoft Excel in the format defined by your operating system. (1036774)
- **Multiple Fonts Support** – You can now specify a list of fonts to use for rendering text in MPL. Additionally, this feature also supports a fallback font for characters with no suitable font installed to render them. (591777)

## Install and Upgrade Enhancements

### Deltek Tracking: 1132199

- **Updated Message** – The message issued when User Account is blocked to support Reset Password is updated. (996355)
- **MConfig “No Output”** – Mconfig now supports a “no output” option. (783416)
- **People Planner REST URL**– Mconfig is extended to include a People Planner REST API URL for iAccess. (1062525)
- **Disaster Recovery Configuration** – Mconfig now supports a disaster recovery server configuration. (1178503)

## Extension Framework Enhancements

### Deltek Tracking: 1132192

- **Automatic Read Enabled in Container-Executor** – There is a change in the API and the container-executor API read method is now deprecated. Reads are now automatically invoked whenever a data container is queried. (1027580)
- **Namespace Annotation for Java Extensions** – This enhancement enables you to easily declare constants that include the namespace for container contributions. (1027580)
- **Ability to Develop iAccess against local coupling service** (1128255)
- **Deprecating iAccess FPU import wizard** (1186303)

## Workspace Client Platform & Usability Enhancements

### Deltek Tracking: 947517

- **Default Communication Protocol for Workspace Client** - Maconomy now uses the Mux-RMI protocol as the default communication protocol to allow for fewer network connections, prevention of network channel timeouts, and better support for load balancers. (1180507)

## Certifications

### Deltek Tracking: 1132203

- **Java SE 8** – Update 231 for Maconomy
- **Oracle 19** – for Maconomy and BPM

**Note:** For Pentaho, Oracle 19, is supported as a data source only and not as a database repository. Additionally, while our BPM packaging supports Oracle 19, SAP itself has not officially certified Oracle 19 for use with BO SP5.

## Enhancements

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- **iOS 13.x** – for iAccess (iPad)
- **Safari on iOS 13.1.2** – for iAccess (iPad)

**Note:** Beginning with iOS 13.1.2, iPad users can now view BPM reports in either Safari or Chrome. However, for optimal viewing experience, SAP BI mobile still recommends the use of their Mobile BI app.

## Software Issues Resolved

### Defect 1129658

#### Reference Currency Restriction Removed

The restriction on the reference currency on Exchange Rate Tables have been removed and any currency can now be chosen as reference currency.

## Application

### Defect 761039

#### Unable to Edit Fields When Importing Absence Types

Previously, when you imported absence types, the following fields could not be edited, whether upon creation or when updating the absence type:

- String1-String5
- Amount 1-5
- Real 1-5
- Integer1-5
- Boolean1-5
- Date1-5

This error is corrected.

## Application >> Back Office

### Defect 761367

#### Error in FinanceReports.mdml.xml File

The fields **Intercomp. Company To** and **Intercomp. Company From** were erroneously switched in the Finance Reports layout. They are renamed to **Intercomp. Company From** and **Intercomp. Company To** respectively to correct this error.

### Defect 762563

#### Cannot Delete Request for Quote

You can now only delete a request for quote only if it is closed. This can be done by directly closing the request or by using an action.

### Defect 762780

#### Unable to Approve Pre-Posted Vendor Invoice Reallocation Set Outside Posting Period

Previously, if pre-posted invoice reallocation was set outside the posting period, then it was not possible to approve the reallocation. This error is corrected.

**Defect 763199****System Error When Posting Invoice Allocation Without Asset Acquisition Date**

When you previously tried to post an invoice allocation without an asset acquisition date, you received a system error. This error is corrected.

Changing the acquisition date on an asset draft on an invoice allocation to an empty date now results in an error informing you that you must specify an acquisition date.

**Defect 763616****Purchase Order Updates in Import Program Adds Empty Values**

Previously, when you updated a purchase order through an import program without setting values for a `PurchaseOrderParameterSet`, this caused the **Description** field, the **Purchase Transaction Type** field, and **Access Level** field of the related purchase process to be cleared and set to empty values.

Updating a requisition through an import program without setting values for a `RequisitionHeaderParameterSet`. This caused the **Description** and **Access Level** fields of the related purchase process to be cleared and set to empty values.

Updating a Request for Quote through an import program without setting values for a `ReqForQuoteHeaderParameterSet` caused the **Access Level** field of the of the related purchase process to be cleared and set to an empty value.

These errors are now corrected. If the values of `PurchaseOrderParameterSet`, `RequisitionHeaderParameterSet`, or `ReqForQuoteHeaderParameterSet` are empty when updating through an import program, the fields of the related purchase process now keep their existing values.

**Note:** You cannot use the import program to set the description field or access level field of the purchase process to empty when updating a purchase order, requisition, or Request for Quote.

**Defect 754644****Posting Error on Vendor Invoice Due to VAT Enterprise Difference**

Previously, a Maconomy system error occurred and prevented the posting of vendor invoices once approved. The error was caused by a difference in the enterprise currency value.

This error is corrected.

**Defect 754726****Remove Reconciliation Action Not Available for Open Vendor Entries**

Previously, when a credit memo was reconciled against two separate transaction numbers in which a debit and a credit had the same value, the **Remove Reconciliation** action was not available.

This error is corrected.

**Defect 756031****Cannot Manually Create the First Fiscal Year Period in a Fiscal Year**



Previously, it was not possible to manually create a new fiscal year period when all existing periods were removed. Trying to do so resulted in the client becoming non-responsive and forced the user to close it.

This error is corrected.

**Defect 756668****Vendor Subcontractor Reconciliation Does Not Show Anything**

Previously, the filter for vendor subcontractor reconciliation did not show anything.

This error is corrected. The filter now shows the Vendor Name, Vendor No., Transaction Number, and Description.

**Defect 610791****Error Displays When Creating Collection File**

When you previously created a collection file, a vague system error would result when a payment agent had no output data format specified. This error is corrected. A more informative error message is now displayed.

**Defect 573696****Not Possible to Enter a Job Number in General Journal When Using Prior Periods**

If you were previously using prior periods it was not possible to enter a job number on a General Journal line. This error is corrected.

**Defect 747069**

Previously, when reconciling a customer entry that uses a tax code with the Payment Date tax date method, an error caused Maconomy to create a tax entry for a vendor entry. The error occurred when a customer entry and a vendor entry had the same line number and the tax entry from the vendor invoice had a customer number. When reconciling the vendor entry, the previously created tax entry was taken into account.

The opposite case occurred when reconciling a vendor entry, resulting in the creation of a tax entry for a customer entry.

This error is corrected.

**Defect 754110****Enterprise Currency Does Not Balance in General Journal When Using Allocation Codes**

Previously, an error caused the Enterprise currency value to not balance when using allocation codes in a general journal entry. This prevented the journal from being posted.

This error is corrected.

**Defect 754613****Invoice Reallocation Approval Issue**

Previously, you could not approve invoice reallocations if the approver did not have explicit access to the company specified on the invoice. This error is corrected.

**Defect 759699****Vendor Invoice Remains Rejected After Invoice Allocation Line is Approved**

Previously, if there was no approval required for the header on a vendor invoice and a line was rejected and then changed and approved, the invoice remained in a rejected state. This error is corrected.

**Defect 766174****Fields with "Allow" Are Not Copied from Parent Relations**

Previously, fields that started with the word "Allow" (such as "Allow Purchase Order") were not copied over from the parent relation when creating a new Vendor, Company Vendor, Customer, or Company Customer, even though this was specified in the linking rule. This error is corrected.

**Defect 777377****Error When Copying Vendor Invoices**

Previously, you received an error when attempting to copy vendor invoices. This error is corrected. The **Journal No.** and **Journal Line No.** fields are added to the Copy From Vendor invoice wizard and are derived automatically from the chosen vendor and invoice number.

**Defect 771290****GL Entries Analyzer Multiplies Amounts**

Previously, amounts on finance entries were multiplied by the number of general journals in the report. This error is corrected. The amounts on the analyzer reports now match the correct amounts in the Maconomy database.

**Defect 771379****VAT Settlement Entries Not Created For Reallocated Vendor Invoices**

Previously, reallocating a previously-posted vendor invoice with a "Payment Date" tax date method created extra VAT settlement entries that had a different journal number from the original set of entries. Payment for such invoices did not create VAT settlement entries that reconciled the existing entries.

This error is corrected.

**Defect 776869**

### **Warning on 'Update Balance on Account Information Card'**

A warning now appears when you select the **Update balance on account information card** system parameter to inform users that Account Balances will or will not be updated depending on whether the system parameter is enabled or disabled.

### **Defect 779952**

#### **Cannot Update Ratio in G/L Tax Code After Value is Zero**

The field Tax Number is now available at all times under Posting References in the G/L Tax Codes dialog of the General Ledger Setup Workspace. This fixes the issue of not being able to set the tax number when changing the Ratio field of the G/L Tax code after it's value has been zero.

### **Defect 780706**

#### **Reminders are Created Even When Outside of Selection Criteria**

Previously, the **Approve Reminder Criteria** did not have restrictions for the **Interest Charge/Reminder Principles** field. As a result, all entries selected on reminder were printed. This error is corrected. When the field is left blank, the selection criteria is ignored. When it is selected, it works as expected for filtering purposes.

### **Defect 782356**

#### **Overflow Error When Running Financial Report**

Previously, printing reports in the Financial Reporting workspace would give an error if the report included one or more accounts with a large balance. This error is corrected.

### **Defect 782362**

#### **Data Conversion Does Not Handle Purchase Orders Without Company Vendor**

Previously, upgrading resulted in an error if the system contained Purchase Orders with no corresponding Company Vendors. This error is corrected.

### **Defect 782366**

#### **Data Conversion Does Not Handle Vendor Invoices Without Company Vendor**

Previously, upgrading resulted in an error if the system contained Vendor Invoices with no corresponding Company Vendor. This error is corrected.

### **Defect 782542**

#### **Multiple Entries Shown for Each Asset When Customizing Filter**

Previously, customizing the filter by adding a new column of AssetTransactionType to the filter of the Fixed Asset dialog of the Workspace Client caused the same asset to appear multiple times, with a duplicate for each entry the asset had. This error is corrected. Each asset now only appears once. The AssetUniverse is removed and replaced with the AssetEntry universe.

**Defect 784824****Using the Reminder Date Field as a Search Filter Returns Misleading Results**

Previously, the **Reminder Date** field in the Customer Entries workspace showed the same reminder date for all customer entries in the list. This occurred even when you included the field in a filter and filtered on a particular customer number. This was misleading to the user as they could get the impression that the reminder is created for all the entries on the list. The field is renamed to **Comp. Customer Reminder Date** to help eliminate confusion. This issue is corrected.

**Defect 786636****Gross Pay Calculation Termination Date Error**

Previously, employees with a termination date on the starting date of a gross pay calculation period were not included in the calculation. As a result, employees were not paid the correct amount.

This error is corrected.

**Defect 790535****Incorrect Layout Name in Reminder Selection**

Previously, the Layout variable contained a bug that resulted in only the first value of "Detailed" being available for use when printing. This error is corrected.

**Defect 793655****Numerous Lines with Inner Logical Operators Affected Performance**

Previously, having many lines with inner logical operators in a selection criterion specification resulted in reduced approval hierarchy performance. This error is corrected.

**Defect 798663****Invoice Approval Occurs Even if Date is Outside of Posting Period**

Previously, it was possible to allocate a vendor invoice to a job with a reference date outside of the job cost posting period. This issue is corrected.

**Defect 795613****Transaction Rolls Back and Journal Creation Fails When Creating a Payment File**

Previously, an error caused the transaction to be rolled back and journal creation to fail when a payment file was created. This error is corrected.

**Defect 802384****Posting a Vendor Invoice with Currency Rounding Enabled Results to a POSTINVOICEALLOCATION Error**

Previously on Vendor Invoice, an error occurs when you post invoices and currency rounding is enabled on the system. This error is corrected.

## Defect 808800

### Tax Amount is Allowed Even When EU Acquisition Tax Code is Selected

Previously, you can enter a tax amount on expense sheets when EU Acquisition Tax Code is selected. This error is corrected. You can no longer enter a tax amount on expense sheets when EU Acquisition Tax Code is used. An error message displays if you attempt to enter a tax amount.

## Defect 815378

### Description:

Previously, dimensions were derived from the revision that matched the acquisition date on the asset rather than the current employee revision. Whenever a field was changed on an asset, Maconomy would rederive dimensions from the wrong revision. This occurred even if asset relocate functionality was used to relocate the asset to dimensions from the current employee revision.

To help resolve the issue, the following system parameter is added to the System Setup workspace:

- **Do Not Rederive Dimensions on Fixed Assets**—Select to indicate that changing dimensions or any other field on the asset will not force Maconomy to derive dimensions. Instead, rederiving of dimensions happens upon the creation of the asset, or if the parameter is not selected.

Additionally, the following field is added to the Asset Relocation dialog:

- **Transfer Dimensions From Employee**—Select to indicate that dimensions on the asset are transferred from the current employee revision (if there is an employee specified on the asset), and you cannot manually enter new dimensions when relocating assets.

Finance entries are now collected if fields are dissimilar (for example, one field is in debit while another field with the same amount is in credit) and all other fields are identical. This is now supported when posting asset relocation journals.

### Note:

Before or after the hotfix is installed, the following SQL must be run to create the missing system parameter:

```
INSERT INTO SystemParameter VALUES ('General Ledger', 'DoNotRederiveDimensionsOnFixedAssets',
'Do Not Rederive Dimensions on Fixed Assets', 4, 0, 0, 0, 0, 0, '', '', '', '', 'Administrator', '2017.06.19',
'', 1, '', 1);
```

## Defect 818798

### Entering a Withholding Tax Amount without a Tax Code Specified

Previously, it was possible to enter a withholding tax amount without specifying a tax code in Change Payment Selection. This error is corrected. Now, when an amount is given without a tax code, the amount is automatically set to zero.

### **Defect 820648**

#### **Approve Reconciliation Button is Disabled if Amount in the Total Debit Reconcile Field is Zero**

Previously, it was not possible to reconcile customer open entries if these entries were registered in the general journal and the Exchange Rate Variance field was selected. This error is corrected.

### **Defect 820774**

#### **Dimensions Not Derived When Approving or Posting Tax Settlements**

Previously, if the system was set up to derive dimensions, they would not appear on the posted finance entries once the tax settlement was approved.

This error is corrected.

### **Defect 822518**

#### **Cannot Manage Unrealized Exchange Rate Variances on Local Spec. Level**

Before Maconomy version 2.3 LA, it was possible to manage the unrealized Exchange Rate variances on the Local Specification Level. This option was removed in 2.3 LA with the intention that the new Local Chart of Accounts dimension should be used for managing the unrealized exchange rate variances. However, some customers do not use the new Local Chart of Accounts dimension and are not able to use this feature anymore. Due to this, the possibility of managing the unrealized Exchange Rate variances on the Local Specification Level is reintroduced (with system parameters **Use local spec. 1 for unrealized exchange rate variances**, **Use local spec. 2 for unrealized exchange rate variances**, and **Use local spec. 3 for unrealized exchange rate variances**).

**Note:** It is possible that the system parameter **Use local accounts for unrealized exchange rate variances** is enabled. To use Local Spec. 1, 2, or 3 instead, you have to deselect that parameter, since only 1 of these 4 system parameters can be enabled at a time.

### **Defect 823893**

#### **Incorrect Calculation for General Journal When Using Allocation Code Line Setup**

Previously, an error in certain types of Allocation Code Line setup methods resulted in an incorrect calculation for General Journals. This error is corrected. Amounts are now correctly calculated regardless of the Allocation Code Line setup.

### **Defect 826531**

#### **Missing Notifications for Substitute Approvers in Job Budget**

Previously, notifications for the substitute and substitute by type approvers for Job budgets were missing. This error is corrected.

### **Defect 827150**

**Compensation Agreements Not Updated if Target Group is Changed**

Previously, compensation agreements were not updated if you changed the target group on the compensation type. This resulted in employees still being assigned to the original compensation agreement even though they no longer met the necessary criteria for the target group.

**Defect 827152****Description:**

Previously, gross pay and base salary rate calculations with a pro rata method based on working days and hours would inherit the fixed working time from the employee relation. This caused the pro rata method to ignore changes in fixed working time within the calculation period.

This issue is corrected. Fixed working time is now taken from the employee revision to allow for changes in working time during calculation. The employee revision used is based on the effective end date of each base salary rate line and gross pay line.

**Defect 827182****Description:**

Previously, if an agreement ended before the employment date of an employee and both the agreement ending date and the employment date were present in the same calculation period, the gross pay calculation failed and resulted in a non-descriptive error message.

This error is corrected. It is now possible to calculate gross pay for situations in which an agreement ends before the employment date. The agreement is not included in the gross pay calculation as it ends before the employee hire date. The exception to this occurs when the calculation period is included as a prior period, in which case the agreement results in a pay out of zero.

**Defect 831021****Incorrect Exchange Rate Variance Entries**

Previously, incorrect exchange rate variance entries were created when running a currency report. This occurred when the system was set up to manage unrealized exchange rate variances via a local specification.

This error is corrected.

**Defect 831538****Missing Payer Identification on Intercompany Vendor Invoices**

Previously, when you perform intercompany invoicing, the payer identification number from the invoice is not transferred to the created intercompany vendor invoice. A new **Transfer payer identification from invoice to intercompany vendor invoice** system parameter is added to enable the transfer of the payer identification number from the invoice to the corresponding intercompany vendor invoice.

**Defect 831971****An Error Occurs When Posting a Bank Reconciliation Journal Reconciling an Invoice with Another Company**

Previously, it was possible to create a general journal or a bank reconciliation journal in a company that reconciles an invoice with another company. When you post such a journal, the APPROVECUSTOMEROPENENTRYRECONCILIATION system error occurs. Validation is now done so that the company on invoice and the company on general journal or bank reconciliation must match.

**Defect 833808****Posting Bank Reconciliation Results to an Incorrect Bank Reconciliation Line**

Previously, when you posted a bank reconciliation journal, this could result in the creation of an incorrect bank reconciliation line. This error is corrected.

**Defect 837146****Different Layouts Used in Reports and Print Tabs**

Previously, running the same report from two different tabs (**Reports** and **Print**) in the G/L Report Writer tab of the **Financial Reporting > Maconomy Reports** workspace resulted in two different layouts being used.

This error is corrected. The layout is now derived from the Column description for both the Report tab and Print tab.

**Defect 838246****Error Posting G/L Reallocations**

When previously reallocating finance entries to a new account and/or local account, it was not always possible to post the created G/L Reallocation journal. This error is corrected.

**Defect 838772****Withholding Tax Amount is Incorrectly Calculated for Vendor Payments**

An incorrect Withholding Tax amount was previously calculated when specifying a Withholding Tax Code on a Vendor Payment.

This error is corrected.

**Defect 841142****Reallocating Job Entries Result to Entry Date from Incorrect Posting Period**

Previously, relocating job entries in the Transaction Type Groups dialog resulted in entry dates being selected from an incorrect posting period. As a result, the Entry Date values of reallocated finance entries were changed. This error is corrected. The Transaction Type is now considered when selecting the entry date.



**Defect 844692****Local Accounts Have Specification Values That Do Not Exist**

Previously when upgrading to 2.3, if Local Chart of Accounts was set to **LocalSpec1**, **LocalSpec2** or **LocalSpec3** prior to the upgrade, and the lines local specifications had account numbers assigned to them, upgrading to 2.3 would cause local accounts to have local specification values set to a value that didn't exist. This error is corrected. If Local Chart of Accounts is set to **LocalSpec1**, **LocalSpec2** or **LocalSpec3**, the corresponding field on the local account is cleared upon upgrading, causing the field to be empty after the upgrade.

**Defect 844738****Possible to Create a Subscription or Sales Order with Closed Project**

Previously, you could add closed jobs to subscription orders and sales orders. This error is corrected so that only open jobs can be added to a subscription order or a sales order.

**Defect 849374****Agreement Revision Date is Not Updated if Agreement Period is Changed Automatically**

Previously, if a change to an Employee Revision caused an employee to not be part of the selection criteria for a Compensation Type for which they had an agreement, the Agreement Revision Date of the employee was not updated. If the Employee Revision was changed in a previous Gross Pay calculation period, the change was not included as a prior period in the next Gross Pay calculation.

This is corrected so that changes to Employee Revisions now properly update the Agreement Revision Date to be included in the next Gross Pay calculation as a prior period.

**Defect 849376****Creating Jobs in Prior Period Does Not Update Agreement Revision Date**

Previously, Job Agreements created in a previously calculated period were not included in the next Gross Pay calculation as a prior period.

This is corrected so that Job Agreements created in a previously calculated period are now included as a prior period in the next Gross Pay calculation.

**Defect 850514****Time Activities and Tasks Can Be Used on Purchase Order and Invoice Allocation Lines**

Previously, it was not possible to select 'Yes' on **Allow Purchasing** and Allow Time Registration for Activities. It was also not possible to select **Allow Purchasing** on a task that derived an activity with **Allow Time Registration** selected.

The criteria for being able to use an activity for purchasing is: if **Allow Purchasing** is selected, the activity is not blocked and the activity is either an **Amount** activity or a **Time** activity.

The criteria for being able to use a task for purchasing is:

a) If the task is approved and not blocked, **Overwrite Activity** is selected and the selected activity can be used for purchasing. Prior to this fix, the activity could not be **Time** activity.

OR

b) If **Allow Purchasing** is selected, the task is approved and not blocked.

A restriction that prevented users from selecting both **Allow Purchasing** and **Allow Time Registration** at the same time for activities and tasks is removed.

As result of these changes, only time activities and tasks with **Allow Purchasing** selected are available in the drop-down and in the search.

## Defect 850541

### Full Linking from Compensation Type Removes Company Number from Compensation Agreement

Previously, if a compensation setup was set up with full linking and no company number, making any change to the compensation type would cause the company number of the agreement to be overwritten, removing the company number, even if the default company number of the employee was assigned to the compensation agreement. This is now changed such that if no company number is set on a compensation type with full linking, the default company number of the employee is always used on the compensation agreement.

## Defect 852377

### Description:

Previously, Maconomy created Compensation Agreements based on posted time, expense, mileage sheets. However, you could post or transfer before the time, expense, or mileage sheet was approved. You could also remove the approval after the entries were posted.

This update changes the functionality so that Maconomy only creates Compensation Agreements for job entries that belong to a time, expense, or mileage sheet that is currently approved.

## Defect 853495

### Same FinanceAccountSetOffAccount Used for All VAT Levels

In a system setup that used sub-levels on tax codes, **Offset Posting Reference** was only possible for sub-level 1, while the fields for sub-levels 2-4 were locked to the value of sub-level 1. This error in the standard layout for VAT codes is corrected. The four sub-level fields are now independent.

## Defect 855169

### Entries Exceeding 500 Do Not Import Job Journals

Previously, a user had to specify the maximum number of entries on a job journal each time job journals were imported. The **Max Number of Entries in Job Journals** system parameter is added, where the user can specify the global maximum number of entries in job journals for importing job journals. By default, the system parameter is set to 500 entries per job journal. This error is corrected.

## Defect 857504

### Displayed Values Overlap Between the Column Field Names

When printing finance entries using the standard layout, the right-aligned number values in the first column were previously too close to the right column field names. This error is corrected by adding an empty space between the two columns to prevent overlapping.

## Defect 858889

### Submitting a Reallocated Invoice for Approval Results to an Error

Previously, Maconomy displayed an error when you tried to submit a reallocated invoice for approval: "The date xxxx-xx-xx is not within the open job cost posting period – this is not correct." This error was due to Maconomy incorrectly checking for Reallocation entries. This error is corrected. Maconomy no longer checks for Reallocation entries when a reallocated invoice is submitted for approval.

## Defect 861346

### Incorrect OriginLineInstanceKey Reference on Finance Entries

Previously, when you reopened a posted invoice and deleted an invoice allocation line, Maconomy did not update the **OriginLineInstanceKey** field on the related finance entries with the instancekey of the newly created copy for the deleted allocation line. This is now corrected. When you delete a posted allocation line, Maconomy updates all of its related finance entries so that the **OriginLineInstanceKey** field reflects the new copy of the allocation line.

## Defect 866709

### Overhead Rates Indirectly Updated When Deleting Employee Revision

Previously, deleting an employee revision would cause any batch update to the overhead rate and cost price to be reverted to that of the previous employee revision. This error is corrected. You now receive an error if you try to delete an employee revision on which the overhead maintenance is set to 'Batch Update' and the overhead rate is different from that of the previous employee revision.

## Defect 870098

### Recreate Job Agreements Action Deletes All Job Agreements

Previously, the **Recreate Job Agreements** action deleted all job agreements for all employees in the given gross pay calculation. This error is corrected so that the **Recreate Job Agreements** action now only deletes and recreates the job agreements for the given employee for whom the action is used.

## Defect 870265

### Vendor Invoices Notifications Linked to the Incorrect Workspace

Previously, clicking **Vendor invoices for allocation** in the To-Do list redirected to the first tab in the dialog of Vendor Invoices. Here, restrictions on the Vendor Invoice Journal would sometimes prevent the user from seeing the vendor invoice. This issue is corrected to always focus on the Invoice List. When a

particular vendor invoice is selected in the To-Dos, the focus is on the card of the invoice. Likewise, **Vendor Invoices without Responsible** is corrected to point to the Invoice List.

**Defect 874762****Missing Local Spec. Descriptions When CompanyNumber Not Specified**

When the settling company number differed from the company number, Maconomy did not display the local specification descriptions for customers, company customers, contact customers, vendors, and company vendors. This occurred because the local specification was derived from the settling company number, while their descriptions were derived from the company number. This error is corrected. Maconomy now derives both the local specifications and their descriptions from the company number.

**Defect 874812****Unable to Set Enterprise Amount to Zero When Posting to an Account with Job Number Reference**

When you tried to create an allocation on a general ledger to an account and you used a job as a reference, Maconomy would not allow you to have an enterprise amount of zero. This error is fixed.

**Defect 877637****Credit Note Long Description Text Error**

If the **Enable Long Text Emulation in Workspaces** system parameter was enabled and long descriptions were used on invoice allocation lines, you could encounter an error when submitting vendor invoices for approval. This is now corrected.

**Defect 880102****Timestamp Missing from Order Tables**

Transaction timestamps were missing from the Order Header table. This is now corrected. The **Timestamp** field is now added to the Order Header relation.

**Defect 886432****Payment Customer Field Error**

For A/R Control Finance Entries, the field Payment Customer correctly shows the Payment Customer instead of the payment account of the Payment Customer. As part of this fix, the field **CustomerNumber** for A/R Control Finance Entries now contains the Delivery Customer and not the Payment Customer as it did previously.

**Defect 881942****Error During Customer Payment Reconciliation**

Maconomy did not allow you to reconcile customer invoices using transaction numbers. This is now corrected.

**Defect 891444****Unable to Select or Post Vendor Payment After Maconomy Hangs**

Previously, when selecting or posting a vendor payment, Maconomy hangs on filling the text field of the remittance line to fit the length if payment remittances were set-up with a length exceeding 255 characters for the payment mode of the payment. Payment remittances are changed to have a maximum length of 255 characters to prevent an infinite loop from occurring. This error is corrected.

**Defect 893950****Performance Problems with RemoveApprovalEntries Data Conversion Step**

When upgrading systems with large databases to or through version 2.4 GA, some customers experienced slow upgrade progress. This was due to the inefficient implementation of an upgrade step. This error is corrected. The step has been refactored to reduce the upgrade time significantly.

**Defect 897778****Error When Posting an Incorrect Enterprise Amount on Invoice Allocation Lines**

Previously, the Vendor Invoice Allocation Lines did not consider the Price Unit from the Item Information Card when calculating the Enterprise Amount. This could lead to derived system error messages when posting. This error is corrected.

**Defect 892904****Bank Reconciliation Customer Entries Stay Selected If Bank Reconciliation Lines Are Deleted Indirectly**

Previously, deselecting bank reconciliations for an external account would remove all the Bank Reconciliation Lines but not update the reconciliation status of the related customer entries. Now, when deselecting bank reconciliations for an external account, all customer entries selected for bank reconciliation using the external account is deselected. This error is corrected.

**Defect 910258****Removing Draft Invoices Did Not Remove Approval-Related Entries**

Using the Remove Latest Draft action in the Invoice Selection dialog correctly removed the drafts, but did not remove the various approval-related entries associated with the removed drafts. This caused data conversion failure when upgrading. This error is corrected.

**Defect 933613****Slow Import of Customer Due to Linking Rules**

An inefficient implementation of the linking rules negatively affected the performance of Maconomy. To improve performance, the linking rules functionality is re-implemented.

**Defect 933653**

**Dimension Grouping Types Incorrectly Converted to Reporting Structures**

When upgrading from a pre-2.3 LA system, the following Dimension Grouping types were not correctly converted to Reporting Structures: Local Specification 1 - 3, and Task. This is now fixed.

**Defect 934352****Upgrade Issue When Moving from X1 to Newer Versions of Maconomy**

When upgrading from version X1 SP 16 (or older) to version 2.4 LA1, 2.4 LA2, 2.4.0, or 2.4.1, the upgrade process could not finish. This error is corrected.

**Defect 934910****Changing Fields Included in the Approval Hierarchy Exceptions Resulted in an Incorrect Purchase Order Line State**

Previously, making changes to a field that is part of the Approval Hierarchy exceptions (like the purchase order line) caused it to be resubmitted without re-approval. This resulted in the purchase order line having the incorrect state. This error is corrected.

**Defect 934921****Balance Base Not Updated After Transferring Vendor Invoices to a New Journal**

Previously, when transferring vendor invoices to a new journal, the **Balance, Base** field on the new and old journals were not updated. This error is corrected.

**Defect 935440****Using an Existing Asset Number Displayed a Vague Error Message**

Using an existing asset number when creating a new asset shows the following error: "McError: 23000 Cannot insert duplicate key in object 'dbo.ASSET'." Now, a more precise error message informs the user when an asset number is already used on another asset.

**Defect 935501****ToDo "Approve Vendor Invoice by Type" Opens the Incorrect Vendor Invoice**

Opening an approval task for **Vendor Invoice by Type** previously showed a vendor invoice journal with multiple vendor invoices where the selected invoice was incorrect. This error is corrected.

**Defect 935621****Duplicate Keys Generated During Data Conversion**

When you upgraded from version 2.1 to 2.3, the conversion previously created duplicate primary keys in the data of TargetGroupSpecTypeTable for Job Invoicing and Job Registration. This error is corrected.

**Defect 935629**

**Local Specification Lists with Posted Entries Could be Deleted**

Previously, it was possible to remove a Local Specification List or Line that has been used as long as it has been removed from all companies. It is still possible now, but the user is shown a warning saying that manual validation of the deletion is required as the Local Spec could have been used on existing, relevant entries.

**Defect 938246****Reporting Structure Header Deleted During Upgrade**

When upgrading to version 2.3.1 or newer, the upgrade script incorrectly previously deleted the reporting structure headers of type **Local Account**, **Local Specification 1-10**, and **Task**. Note that the reporting structure lines were not affected by this error. This error is corrected.

**Defect 939140****Inconsistency Between Dimensions on Job and Derived Dimension Lines**

Previously, the dimensions on a job were derived incorrectly from the last changed derived dimension, because the from and to date were not considered. This error is corrected. Now, dimensions on a job are derived from the last derived dimension line with an empty date, similar to how other relations derive dimensions.

**Defect 945937****System Error When Posting a Payment Reversal with Discount**

Posting a reversed payment with a discount previously caused a system error in Maconomy. This prevented the associated journal from posting. This error is corrected.

**Defect 946066****Rejected Closed Purchase Orders Retained on the To-Do List**

The To-Dos for **Rejected Purchase Order** were previously still showing even after the Purchase Order was closed. This error is corrected. To-Dos are now removed once the Purchase Order is closed.

**Defect 947918****Deleting Vendor Timed Out Due to Full Scan for Job Entries**

When you previously deleted a vendor, Maconomy always performed a full table scan to find related job entries. This caused the **Delete** action to time out if there were a lot of job entries.

This error is corrected. An index for Supplier Number is now added to the job entry, which improves the scanning speed for entries related to the deleted vendor.

**Defect 912719****Submitter Reflected as Approver After Closed PO Is Reopened and Resubmitted**

When a user reopened an approved and closed purchase order, and then resubmitted it with changes not requiring reapproval, Maconomy displayed that user's name as the approver on the purchase order. This is now fixed. Maconomy always displays the name of the most recent approver on the purchase order.

### **Defect 923591**

#### **Missing Company Number Field in the Vendor Invoice Creation Wizard**

When creating a vendor invoice using the wizard and you used either the **From Purchase Order** or **Copy Invoice** method, Maconomy did not allow you to specify or change the company number. This error is corrected.

### **Defect 923662**

#### **Changes on Approval for Allowed Actions Caused Error**

Certain linking rule and approval hierarchy setups triggered the following error when users approved customers or vendors: "It is not allowed to manually set allow fields on customers/vendors to yes." This error is corrected.

### **Defect 910570**

#### **Line Disappeared After Editing the Quantity Received Field**

When you edited the **Quantity Received** field on a purchase order line in the Batch Job Accrual single dialog, Maconomy removed approval for the line. Since this single dialog only displays approved lines, the line automatically disappeared. This error is fixed. Maconomy no longer allows you to edit the **Quantity Received** field in this single dialog.

### **Defect 929089**

#### **Incorrect Value for Selection Criterion Specification Lines of Type Job**

Previously, due to an error in the data conversion script, upgrading from a version older than 2.4 LA would leave the selection criterion specification lines of type Job with an incorrect value. Using such selection criterion specifications would result in Maconomy system error. This error is corrected.

### **Defect 929665**

#### **Incorrect "To Be Invoiced" Amount If an Invoice Is Copied and Reversed at Copying**

Previously, incorrect values were shown in To Be Invoiced fields on purchase order lines when creating vendor invoices of "credit memo" type. This error is corrected.

### **Defect 962359**

#### **New Indexes to Support SQL Hints**

Task 953027 introduced the possibility of using SQL hints such as FORCESEEK and INDEX to force the SQL Server to utilize indexes when the query is executed. The initial configuration requires two new



indexes (TEMPORAL107 and TEMPORAL108) on TEMPORAL1 table to avoid errors. This task adds the two required indexes.

**Defect 952529****Incorrect Balance on A/P Suspense Entries**

Previously, when a vendor invoice was reallocated against an asset, the suspense account was not used for offset (Write-Downs, Depreciations, or Corrections) accounts. This resulted in a balance in the suspense account. This error is corrected.

**Defect 981805****Misleading Overflow Error During Payment File Creation**

When creating a Payment file, you could previously run into an overflow system error if a variable operation for the output data format was set as an integer field, but the expression resulted in a number that exceeded Maconomy's integer limit. When this occurred, the system displayed a vague error message. This error is corrected. In such instances, Maconomy now displays an informative error message so the user knows that the expression exceeds the integer limit.

**Defect 981852****Rejected Closed Jobs Retained on the To-Do List**

The to-dos for **Rejected Job Budget** were previously still visible even after the job was closed. This error is corrected. The to-dos are now removed once the job is closed.

**Defect 981915****Deleting External Account via Import Program Does Not Remove External Account Assignments**

When you previously deleted an external account through an import program, the related external account assignments was not deleted as well. This error is corrected.

**Defect 981989****Tax Amounts Always Zero When Copying General Journal**

When you previously copied a general journal to a new journal after an upgrade, the tax amount on the general journal entry was not transferred. Instead, Maconomy set it to "0" on the copied general journal entry. This error is corrected. When you copy a general journal, Maconomy now rederives the tax amount for each general journal entry.

**Defect 982951****Boolean Fields Unavailable in Company Import**

The **Boolean1**, **Boolean2**, **Boolean3**, **Boolean4**, and **Boolean5** fields in Company Information were previously unavailable in Import Company Information. This error is corrected.

## **Defect 988389**

### **General Journal Error Due to Incorrect Enterprise Amount Calculation**

When you previously inserted a new line between two other lines in the General Journal instead of adding the line at the bottom, Maconomy incorrectly calculated the enterprise amount on the inserted line. This error is corrected.

## **Defect 995265**

### **Local Account Number is Incorrectly Updated**

Previously during system upgrade from a Maconomy system older than 2.3, data conversion assumed that if you specified a local spec. value that was previously used as local account, then it would move it to Local Account Number field during the upgrade without checking for if account number was set. This error is corrected such that during data conversion the local spec. value that was previously used as a local account is only moved to the Local Account Number field if account number is specified.

## **Defect 995354**

### **Job Entry from Fixed Asset Is Not Included in Fixed Price**

Previously, when entries on the Job came from Fixed Asset, the **Include In Fixed Price** field was not set correctly according to the specified settings on the job. This error is corrected and entries from Fixed Asset work the same as the entries coming from any other place in Maconomy.

## **Defect 997598**

### **PO Line Without Commitment Date Can Be Used on Credit Memo**

Previously, posting a credit memo for a purchase order with no commitment date on its lines would result in an error where no fiscal year could be found from the date. This error is corrected by giving an error message to the user when trying to create a credit memo from a purchase with no commitment date.

## **Defect 1008031**

### **Job Entries from Asset Depreciation Journal Are Incorrectly Marked**

Previously, job entries from Asset Depreciation Journal were marked as "Internal Cost", which means that if you have set up the system to recalculate prices as job reallocation, then the cost price on such entries is recalculated. The prices for such entries are typically not held in the Job Cost price setup, so they are calculated to zero. This error is corrected by marking the Asset Depreciation as "External Cost".

## **Defect 1008752**

### **Possible to Change Fiscal Year Template on Company with Finance Entries**

Previously, it was possible to create a new fiscal year template for a company and assign it even if journals were created or postings were made on the company. This error is corrected such that one can no longer create a new fiscal year template for a company if journals or postings have been made.

## **Defect 1012226**

### **Job No. is Empty if PO Description is Lengthy**

Previously, when the system parameter Enable Long Text Emulation in Workspaces was enabled and a purchase order that contained a purchase order line with a long description in Line Remarks was created, the Job No. was populated on the PO but not on the vendor invoice. Specifying such purchase order and job number on vendor invoice forces Maconomy to reset the job number to an empty value. This error is corrected.

**Defect 1013251****Incorrect Value on External Account Causes Duplicate Bank Reconciliation Lines**

Previously, upgrading to Maconomy version 12 or newer in some situations resulted in incorrect values being set on the external account. As a result, users experienced a uniqueness constraint error when creating bank reconciliation lines. This error is corrected.

**Defect 1013332****Missing Data Conversion for Job Parameter Attribute**

Due to an error, some customers previously experienced a change of the job parameter attribute Detail by upgrading to version 2.3 LA or newer. This happened when **Local Specification 1, Local Specification 2, Local Specification 3, or Employee** were used. This error is corrected.

**Defect 1015147****Incorrect Approval Status After Pre-Posting Reallocation**

Previously, if **Approve at Submission** was turned on for an approval hierarchy, pre-posting a reallocation would cause the posted and closed vendor invoices to have the wrong status of **Awaiting Approval** when it should be **Allocation Completed**. This error is corrected.

**Defect 1020631****Possible to Delete Account That Is Used on Global or Local Dimensions**

Previously, it was possible to delete an account even if it was used on the global or local dimensions of **Location, Entity, Project, Purpose, Specification1-10, or Local Specification1-10**. This error is corrected so that an account can not be deleted if it is used on dimensions.

**Defect 1021452****Approval Group Can Be Approved Without All Approval Lines Being Approved**

Previously, it was possible to approve, reject, and reset approvals for approval groups that were no longer submitted. This resulted in an incorrect state for the approval group where it could be approved without all lines being approved. This error is corrected. It is no longer possible to change the approval status of an approval group if it is not submitted.

**Defect 1021482****Rejecting or Resetting Approvals After Allocations Prevents Vendor Invoice Approval**

Previously, for vendor invoices with an approval hierarchy set up to not require approval on the header, rejecting or resetting approvals after making allocations made the vendor invoice unable to be fully approved and caused the approval group to list the wrong number of approvals. This error is corrected.

Additionally, the external name of the NumberApproved field on ApprovalGroup is changed from **Approved** to **Objects Approved** to avoid having multiple fields with the same external name, and to give it a more appropriate label to match the content of the field.

### **Defect 1021483**

#### **Vendor Invoice and Related Approval Group Can Get Out of Sync**

Previously for vendor invoices with approval hierarchies set up to not require approval on the header, rejecting or resetting approvals after making allocations made the vendor invoice unable to be fully approved and caused the approval group to list the wrong number of approvals. This error is fixed. Additionally, the external name of the NumberApproved field on ApprovalGroup has been changed from **Approved** to **Objects Approved** to avoid having multiple fields with the same external name, and to give it a more appropriate label to match the content of the field.

### **Defect 1021506**

#### **Tax Report Does Not Match GL Account**

Previously, a Check Posted Balance error occurred when a tax code other than the standard tax code was used on an Invoice On Account while having the exchange rate changing in between the first Invoice on Account and the later Invoice. This resulted in a 0-Invoice. Using the system parameter **Tax On Customer Exchange Rate Variance Entries**, there should be no further tax to pay. This error is corrected and a different tax code on the Invoice on Account is now allowed. The system will recognize the manually entered VAT code on the Invoice on Account when posting.

### **Defect 1022857**

#### **Vendor Invoice Reallocation Posting Error**

Previously, changing links between a local and a global account prevented a vendor invoice reallocation from being posted after reopening a vendor invoice that used the previously linked local account. This error is corrected.

### **Defect 1025515**

#### **Activity Description is Used Instead of the Task Description in the Vendor Allocation Window**

Previously, when setting an Activity to copy the Task Description for AP, GL, and Job Lines, the system ignored this setting and instead used the Activity Description as the Description. This error is corrected.

### **Defect 1027753**

#### **AmountEnterprise Is Missing When General Journal Is Used**

Previously, the **AmountEnterprise** value was not calculated when payment was created as a General Journal. This error is corrected.

### **Defect 1037059**

#### **Full Access to Invoice Allocation Lines With No Company Number**

Users previously had full access to any Invoice Allocation line that did not specify a company number even if they did not have access to the related Vendor Invoice journal. This error is corrected.

### **Defect 1039108**

#### **Interest Charge Calculation Error**

If the **Calculate interest from interest and reminder charges** field was previously not selected and partial reconciliation was performed on an interest charge, interest was incorrectly calculated on the remainder of the interest charge. This error is corrected.

### **Defect 1040647**

#### **Posting Vendor Payment with Discount Resulted in System Error**

Posting Vendor Payment journals that included payments with discounts previously resulted in a system error. This error is corrected.

### **Defect 1041741**

#### **Target Group Specification Types for LawyerJobInformation Relation Not Removed**

The LawyerJobInformation relation was removed in Maconomy version X1, but the existing target group specification types for the relation were not removed with it. You could still select these specification types when creating selection criterion specification lines. This error is corrected. All target group specification types containing LawyerJobInformation are now removed.

### **Defect 1041755**

#### **Missing Reconciliation Date Prevented Approval of Customer Collection Entries**

If a customer payment in a collection contained credit and debit entries that canceled each other out, Maconomy did not allow you to approve the collection. This was because no reconciliation date was assigned to the corresponding customer payment for the entries. This error is corrected.

### **Defect 1041770**

#### **Importing Asset Entries Missing a Date**

You could previously use import programs to create asset entries without a date, but this would result in an error when you tried to post the entry. This is now corrected. The date field is now mandatory on asset entries created in import programs.

### **Defect 1041886**

#### **Expense Sheets Ignore Approval Hierarchy Rules**

Making changes to a submitted Expense Sheet Line previously caused the Expense Sheet to be unsubmitted and reopened, but with the Approval line still marked as effective and active.

This error is corrected. If **Allow Changes** is turned on in the approval hierarchy, a submitted expense sheet line is still submitted after making changes to it.

**Defect 1043659****No Checks for Duplicate Records in the Upgrade Preconditions Script**

The pre-upgrade script for upgrading from a pre-version 2.3 Maconomy system previously had no checks for duplicate records. This error is corrected. The pre-upgrade script now checks for duplicate entries for the following relations: BankReconciliationLine, Customer, CompanyCustomer, CompanyCustomerBalance, CompanyCustomerCollection, CustomerReconciliationJournal, JobBudget, and JobBudgetRevision.

**Defect 1047861****Incorrect Tax Amount on Invoice Allocation Line**

Previously, the tax amount on Invoice Allocation Lines was incorrectly derived from the tax codes on the Vendor Invoice Journal instead of the tax code on the Invoice Allocation Line. This occurred when creating a Purchase Order where the tax rate of the tax code on the Purchase Order Line was equal to the sum of tax rates of the level 1 and level 2 tax codes of the Purchase Order header. df

To prevent this, an option is added to disable automatic allocation of the remainder when creating an Invoice Allocation Line from a Purchase Order using the boolean field on the **Margin For Purchase Order Reconciliation** system parameter. This prevents Maconomy from automatically allocating the remainder for the Invoice Allocation created from the Purchase Order even if it is within the margins specified on the system parameter. If the boolean field is enabled, the functionality for the system parameter will work the same way it did previous to this fix.

**Defect 1049091****Enabled System Parameter Caused Discrepancies in Tax Entries**

If the **Tax on Customer Exchange Rate Variance Entries** system parameter was enabled in a system, users working on a zero invoice with a tax rate of 0% would interpret the absence of some tax settlement entry lines as an imbalance, or a discrepancy in the "Basis amounts". While the finance entry lines were actually balanced, the seeming discrepancy in the "Basis amounts" was a simple case of omitted lines. This error is corrected. Added tax entry lines are now in place, which clearly show the taxable amounts in the currency used for the job.

**Defect 1049798****Reject and Undo Actions Enabled for All Employees**

Previously, the **Reject** and **Undo** actions were enabled even for users who were not approvers. This was evident in the following workspaces: Vendors, Company Vendors, Customers, and Company Customers. This error is corrected.

**Defect 1051599****Reject Button Not Available in Approve Expense Sheet Dialog**

Previously, the **Reject** action in the Approve Expense Sheet dialog was disabled unless a remark was entered on the Approval line. This resulted in user confusion as to why they could not reject the line. This

error is corrected. The **Reject** action is now enabled in the assistant even when the **Remark** field is empty. Using the action without providing a remark displays an error message to the user.

**Defect 1059157****Blank Currency Field System Parameter Error**

Creating a new system parameter line or changing an existing one for the system parameter **Margin For Purchase Order Reconciliation** previously caused the **Currency** field on the system parameter line to be blank. This resulted in errors when trying to create a vendor invoice from a purchase order. This error is corrected.

**Defect 1061189****Vendor Popups Initialized Incorrectly on Job Posting Reference Lines**

Previously, using Vendor Popups resulted in Maconomy being unable to derive Job Posting Reference lines or would derive incorrect lines during the posting of a journal. This error is corrected.

**Defect 1169725****Date Type Field Reset in Export Data**

When filling in **Data Type** field in the Export Data Dialog and saving the dialog, the entry was reset. This error is corrected.

**Defect 1083444****Purchase Orders and Vendor Invoices Show Wrong Quantity and Unit Price for Discounts**

Previously, creating and posting multiple Vendor Invoices based on a Purchase Order line with a negative quantity caused an incorrect calculation on the Invoice Allocation. The resulting amounts did not take into account the amounts on the previously posted invoices for the Purchase Order line. This error is corrected. The remaining amount from the Purchase Order line will be correctly derived if the quantity is -1.

**Defect 1085204****Purchase Order Rounding Issue Caused Incorrect Approval Hierarchy**

Previously, using mathematical expressions in target groups would sometimes cause rounding errors, which would lead to an incorrect approval hierarchy to be chosen when submitting objects for approval. This error is corrected.

**Defect 1071815****Empty Assessment Date Leads to Corrupt Date Values**

Using an empty Assessment Date in **Interest > Selection > Create** or **Reminders > Selection > Create** previously led to corrupt date values in the Interest and Reminder functionality. This error is corrected. The **Assessment Date** field is now mandatory and must be populated. If it is not, an error message is visible when there is invalid or empty input.

**Defect 1071994****Level 1 Rejected Vendor Invoice Still Shows as Approved for Level 2 Approver**

Previously, if you were using level-prioritized Approval Hierarchies and rejected an invoice at a lower level than had previously been approved, the invoice waiting for approval at a higher level was still marked as active when it should not have been. This error is corrected.

**Defect 1072634****'Approved for inv. by' Value Changed to Current User Instead of Approver**

Previously, changing fields on approved draft Invoices with an approval hierarchy rule exception resulted in the **Approved for inv. by** field value changing to the user who edited the invoice instead of the Approver. This error is corrected.

**Defect 1072640****System Latency Due to Redundant Database Indexes**

Previously, some Approval-related actions were slow due to redundant database indexes on the ApprovalLine table. This error is corrected. The redundant indexes are removed.

**Defect 1080587****Approve Reminders with Empty Data**

Previously, selecting a customer entry for a Reminder without approving it, and then making a customer reconciliation on the same entry would cause the customer entry to *not* be de-elected for reminder, causing issues with empty date fields on the reminder letter if one were to approve the reminder for the customer entry. This has now been corrected. Now, customer entries are de-selected for reminders if a customer reconciliation has been done on the customer entry before approving the reminder.

**Defect 1064622****New Hints for Queries on FinanceEntry, SystemNumber, and InvoiceTransferJournal Tables**

This correction introduces several SQL index hints for FinanceEntry, SystemNumber, and InvoiceTransferJournal tables to guide the MS SQL Server database to choose the most optimal index for certain queries. New indices are added to SystemNumber and InvoiceTransferJournal table to support this update.

Note that the existing SqlHints.json and OracleHints files in the Definitions folder will be overwritten with the new files introduced in this correction. If the existing files are customized, all the contents should be moved to the custom version of these files.

**Defect 1070560****Error when Searching on Company Number**



Previously, trying to search for **Company No.** or **Statement No.** in the Show Customer Reconciliations and AR Lookup dialogs resulted in a system error. This error is corrected.

### **Defect 1070611**

#### **Missing Reconciliation Actions**

The **Mark/ All For Reconciliation** and **Unmark All For Reconciliation** actions were not available in **Account Receivable > Lookup > Customer Entries > Reconcile** or **Accounts Receivable > Transactions > Journal List > Journal > Reconciliation**. This error is corrected.

### **Defect 1073350**

#### **Changing Fields on Employees Could Unnecessarily Query Vendor Table**

When making changes to an employee and vendor-employee, Maconomy would previously unnecessarily attempt to find the vendor related to the employee. This occurred even if linking was disabled on a system parameter level. This error is corrected. Maconomy now only queries the vendor related to the employee if vendor-employee linking is turned on by the system parameter **Enable Employee Vendor Linking**.

### **Defect 1073366**

#### **Cannot Change Accrual Date on Posting Period**

When the system parameter **Allow Accrual Periods Outside Open Posting Interval** was previously enabled, changing the accrual date on the posting period setup would result in an error if there were unposted invoice allocation lines outside the accrual date.

This error is corrected. If the system parameter is enabled, changing the accrual date on the posting period setup will instead give a warning to the user if there are unposted invoice allocation lines outside the accrual date.

### **Defect 1215763**

#### **Unable to Create a Vendor Credit Memo for a Purchase Order Line**

Previously, you could not create a vendor credit memo from a purchase order without a commitment date for purchase orders of all purchase line types. This error is corrected. This is now updated so that when creating a vendor credit memo, only purchase order lines of the type G/L require a commitment date. Additionally, the commitment date is now automatically set to the current date when approving the purchase order and an account number is specified on the purchase order line.

## **Application >> Job Cost**

### **Defect 1215768**

#### **Cost Price Exchange Rate Error**

When transferring resource allocations from People Planner to assign employees to job budget lines for job budget lines with a Planned Starting Date set, the billing price is calculated using the exchange rate for the Planned Starting Date, while the cost price exchange rate by error was based on the current date.

The error is corrected and when the Planned Starting Date is set, both prices are calculated based on that date.

## **Defect 1215770**

### **Delete Attachment Disabled for Submitted Expense and Mileage Sheets**

In order to align system behavior, the action **Delete Document** is no longer enabled when the expense sheet is submitted.

Now it is necessary to reopen the expense sheet to delete a document on the expense sheet.

This also applies to Mileage Sheets.

## **Defect 1215775**

### **Blank Description Field When Duplicating Expense Sheet**

When duplicating an expense sheet, the **Description** field on all the expense sheet lines was blank. This is changed so that the **Description** field is only blank on lines where an expense justification (standard extension) is required.

## **Defect 1215777**

### **Blanket Invoice Selection System Error**

In Blanket Invoice Selection, a user could sometimes get a system error "Illegal operation on null date! when opening the window or workspace. This error is corrected.

## **Defect 1212582**

### **Cannot Transfer Temporary Time Sheets with Approval Hierarchies**

Temporary submission of time sheets did not work with approval hierarchies. The **Submit Temp. Time Sheet** action did not automatically transfer the time sheets for posting. The **Automatic transferral of temporary time sheet lines when using approval hierarchies** system parameter is introduced to enable the transferral of temporary time sheets for posting.

## **Defect 1034929**

### **Incorrect Amount for Job Invoice Allocation When Reconciling Payment Against Pre-Invoice**

When a customer payment was previously reconciled against a pre-invoice, the amount for invoice allocation on the job was incorrect in some cases. This error is corrected.

## **Defect 1076935**

### **Batch Job Invoicing Error**

If an error previously occurred while printing batch job invoices in **Jobs » Jobs » Batch Invoicing » Invoice Processing » Job Invoicing**, the invoice in which the error occurred appeared on the invoice

PDF without being stored in the database. This error is corrected to ensure that an invoice appears in the PDF only if it has first been saved to the database.

**Defect 1077159****Multiple Job Entries When Transferring Time Sheet Lines**

If you previously enabled approval hierarchies for time sheet lines and set up jobs with the **Time Transfer** job parameter, where the unit or upper limit is non-zero, time sheets were transferred with three times as many job entries as expected. For example, one job entry with eight hours would be transferred to the job as two job entries with eight hours and one job entry with -8 hours. This error is corrected.

**Defect 1078114****Unapproved Time Sheet Lines with Incorrect Approval Status**

If you have selected the **Transfer Non Approved Time Sheets** check box in **Setup » System Setup » System Information » Job Cost**, and time sheet lines are approved using approval hierarchies, then a time sheet line which was released for posting could appear to be approved if the time sheet was reopened and submitted without changes to the line. This error is corrected.

**Defect 1079446****Time Sheets with Approval Hierarchies Are Not Updated**

Fixed hours stamped on time sheets were previously not updated when the time sheet was approved if approval hierarchies were enabled.

**Defect 1079867****Incorrectly Derived Charges When New Job is Created**

When a new job was previously created, the charge codes, freight table, and freight discount percentage were derived from the customer instead of the company-specific customer setup. This error is corrected.

**Defect 1080400****Unable to Enter Total Cost on Periodic Budget Line**

If you previously entered a line with no quantity on a periodic job budget, an error would occur when you tried to enter a cost price. This error is corrected. When you enter a cost price but do not enter a quantity, Maconomy now automatically sets the quantity to 1 to prevent this error from occurring.

**Defect 1070629****Approved Time Sheets Not Transferred**

**Description:** If a time sheet line is approved and the time sheet header requires no approval, it should be transferred for posting if the **Disable automatic transferral of time sheet lines** system parameter is disabled. However, this previously failed if you had set up time sheet lines with approval hierarchies, and the time sheet had other lines that were not approved. This error is corrected.

**Defect 1070648****Absence Approver Permission Error**

If an absence approver did not previously have permission to access the time sheet of an employee, they could not approve absence if time sheet integration is enabled.

This error is corrected. The absence approver no longer needs access to change time sheets in order to approve of absence.

**Defect 1071244****System Error Due to Revenue Adjustment**

If you print an invoice on a job which has a revenue adjustment entry with a relatively small amount in job currency and the corresponding amount in base currency is zero, the you can get a system error of the form VALIDATEJOBENTRYMOD.REPORT ... JobInvoiceLine\_UpDown.

**Defect 1065246****Modifying Closed Jobs**

Previously, it was possible to change Job Header Extension fields on closed jobs when the Allow Change of Closed Jobs system parameter was not set. This error is corrected. When the **Allow Change of Closed Jobs** system parameter is disabled, you can no longer change Job Header Extension fields on closed jobs.

**Defect 1065659****Blanket Invoice Selection Jobs Not Displaying on Invoices**

When you previously selected the **Use Job For Blanket Invoice Header** checkbox on a job in Blanket Invoice Selection, it did not appear on the invoice if there were no job entries selected for invoicing and no amount for invoicing on the account. This error is corrected.

**Defect 1067151****Percentage Calculation on Fixed Price Job Group**

The **Percentage, New Revenue Recognition field on** each group in a job with revenue recognition by completion percentage was previously calculated to a different value, even when the fixed price for the group was zero. This error is corrected and the percentage is now zero if the fixed price is zero.

**Defect 1068776****Error When Copying Jobs with Combined T&M and On Account Invoicing**

Previously, it was not possible to copy a job if **Combine T&M, On Account by Default** was selected. When doing so, you would receive an error.

This error is corrected. You can now copy a job that is set up to allow combined T&M and on account invoicing.

## Defect 1069045

### Deleting Employee on Job Invoice Selection Line

If you previously selected an employee for direct invoicing, then later deselected the **Dir. Inv.** checkbox, you were not able to delete this employee if they were referenced on a job invoice selection line. This was the case even if there was no job entry referenced to that specific employee. This error is corrected.

## Defect 1083262

### Approval Fields in Submitted Expense Sheets

When approval hierarchies were not enabled for expense sheets and you submitted an expense sheet without changes after it was approved and reopened, Maconomy overwrote the **Approval Date** and **Approved By** fields with the current date and the name of the current user. This error is corrected so that these fields instead display the date and user in the original approval.

## Defect 1072682

### System Error When Approving Job Invoice Allocation

When the **Exchange Rate in Job Invoice Allocation as Invoiced On Account** system parameter is enabled, the allocated amount on the job entries in base and enterprise currency is found by applying the weighted average exchange rate of the invoices on the account being reconciled. However, if the job invoice allocation was zero and contained no job entries, Maconomy displayed an error message. This occurred if you allocated invoices on account against credit memos on account. This error is corrected.

## Defect 1072039

### Job Invoice Allocation Balance Action Splits G/L Accrual Entries

When you previously clicked the **Balance** action in Job Invoice Allocation on a job with G/L accrual, an error would occur where only some G/L accrual entries belonging to a main entry were selected. As a result, a significant G/L accrual difference occurred in job invoice allocation.

This error is corrected. All G/L Accrual entries on a main entry are now selected by the action when the main entry is selected for allocation.

## Defect 1072508

### Multiple Jobs Fields with Same Name

In **Jobs » LookUp » Financial Job Card » Entries**, several fields were named **Billing Price, Inv.** Only one of these fields displayed the change of amount between the opening and closing date of the selected period. This error is corrected and the other fields are renamed for clarity as follows:

- Billing Price, Inv., Opening
- Billing Price, Inv., Change
- Billing Price, Inv., Closing

**Defect 1141139****Creating Time Sheet Line From Favorites**

If you previously created a time sheet line from a favorite without a task, then manually assigned the task, Maconomy cleared the task when you saved the time sheet line. This error is corrected and the manually assigned task is retained. When you save a time sheet line or expense sheet line, and the **Favorite** field is updated, the values in the **Task** field is kept.

**Defect 1062047****Estimated Start and End Dates**

When you previously created a job, you could choose a start date that was later than the end date. This error is corrected. This is no longer possible and an error message now displays.

**Defect 1062546****Updating Exchange Rates in Job Budgets**

**Description:** If the **Keep Billing Price when Changing Cost Price, Time** or **Keep Billing Price when Changing Cost Price, Amount** system parameters were disabled, the **Update Exchange Rates in Job Budgets** action would update the amounts in both base currency and job currency on budget lines for the corresponding activity types (Time or Amount). This is corrected so that the budgeted billing price in job currency is not updated by the action.

**Defect 1061174****Transfer Desired Billing Price Action Error**

The **Transfer Desired Billing Price** action previously resulted in the error message "No job entries have been selected for invoicing" even when there were job entries selected for invoicing. This happened if the field **Do Not Adjust Amount Activities** in System Information was not selected and there were job entries of both activity type Time and Amount selected for invoicing but the only job entries of type Amount come from a Job Revenue Recognition journal. This error is corrected.

**Defect 1055303****Incorrect Printed Invoice Levels on Sub-Jobs**

In Maconomy 2.3, an error occurred in the assignment of the **Level** field on invoice lines. This field is used for controlling the indentation and formatting in prints of invoices and draft invoices on jobs. The error was that this field was one higher for certain lines and certain invoices when compared with earlier versions of Maconomy.

To solve this in a backward-compatible way, the **Lower Indentation Level for Lines on Invoices with Headers** system parameter is introduced. By default, this is disabled, which means that the field is assigned as previously in versions after 2.2. Enabling the system parameter allows the system to assign the field in the same way as in version 2.2 and earlier.

**Defect 1057378**

**Invoice Action Field Performance Improvement**

When previously printing a job invoice, Maconomy updated the information shown in Invoice Selection by updating each open entry on a job. This update was performed multiple times on each line, depending on the number of job entries on the line. This resulted in performance degradation when there were many lines. The action is optimized so that this part of the update only occurs once per line.

This optimization affects the following actions:

- Printing a T&M job invoice
- Approving a job invoice allocation
- Making changes to a job that result in recalculation or update of the invoice selection on the job or its main job

**Defect 1049803****Computation of Tax on Main Job Invoicing**

**Description:** In the main job invoicing hierarchy, the main job decides whether the final invoice has tax or not, based on whether tax is enabled on the main job. However, the draft invoice previously attempted to take the setup on the sub-jobs into account. This error is corrected. This is now aligned so that the main job decides on both drafts and final invoices.

**Defect 1049137****Error Message When Using Split Billing**

When doing split billing for T&M and On Account invoices and when the Job Invoice On Account Entry held a payment customer, an error message previously displayed.

This error is corrected. This is now updated for clarity to state that Maconomy does not support invoicing with a combination of invoicing on account explicitly for one bill-to customer and time and material entries.

**Defect 1043034****Job Invoice Crediting Full Dialog in CPA Solution**

The CPA solution now uses the Job Invoice Crediting Full dialog, instead of Job Invoice Crediting. The Job Invoice Crediting Full dialog supports the crediting of blanket invoices and invoices that combine T&M and on account invoicing.

**Defect 1043657****Submitted Time Sheets Marked As Fully Approved**

In a setup where time sheet headers should be approved through approval hierarchies, time sheets without hours were previously marked as fully approved already when submitted. This is corrected so that such time sheets are not marked as fully approved until approved.

**Defect 973682****Missing Sub-Total Line on Blanket Invoices on Account**

Previously, blanket invoices that combined T&M entries with On Account could be generated without sub-total lines for some of the jobs, even when you selected the **Job Subtotal** field on the invoice layout rule.

The **Include Job Subtotals on Invoices On Account** system parameter is introduced to enable you to include job subtotal lines on blanket invoices on account, including blanket invoices that include jobs with T&M entries for invoicing. When this parameter is enabled, the **Job Subtotal** field on the invoice layout rule has the same effect for T&M and On Account blanket invoicing.

**Defect 1041823****Customer Global Location Number Validation**

During customer setup, you could previously choose not to add a global location number, even when the customer was set up with a payment mode that required a global location number. If this customer was assigned to a job, the job had to be assigned a global location number upon job creation. By error, when changing customers on a job, Maconomy would not ask for a global location number when required.

The error is corrected. Changing customers on a job now requires prior or simultaneous adding of a global location number to the job.

**Defect 1040955****Discrepancy in Amounts When Using Job Surcharge**

On jobs with a job surcharge rule set up to apply surcharge at the point of registration, instances previously occurred where the billing price on the job entry was rounded off when compared with the amount posted to G/L. This occurred when the surcharge was added to the job entry itself, rather than a new job entry. This error is corrected.

**Defect 1041340****Submitted Time Sheets Marked As Fully Approved**

In a setup where time sheet headers should be approved through approval hierarchies, time sheets without hours were previously already marked as fully approved when submitted. This error is corrected so that such time sheets are not marked as fully approved until actually approved.

**Defect 1028621****Invoice Draft Status Print Error**

When blanket and non-blanket drafts were previously printed together from the Invoice Draft Status window, the non-blanket drafts became corrupted. This occurred because they were combined into a blanket draft that was not stored in the database.

**Defect 1015248****System Errors Due to Job Journal Import**



When importing a job journal, you could previously create an opening WIP balance by explicitly specifying the billing price base and currency. This overrode the exchange rates in the system, and doing so resulted in the system providing a different value in currency and enterprise currency, even though they were the same currency. This led to errors later when the entry was invoiced. This error is corrected.

**Defect 1017058****Missing PO Information When Transferring Time Sheets Through Central Time Sheet Transfer**

When a time sheet was previously transferred through Central Time Sheet Transfer, the details relating to the subcontractor on the PO did not appear on the job. This error is corrected.

**Defect 1013884****Updated Main Job Number for Blanket Invoicing**

If a job number was previously deleted or modified, the corresponding **Main Job Number** on the Blanket Invoice Collection was not updated. This error is corrected.

**Defect 1005778****Error Checking Jobs with Empty Task List**

When a Job Budget Line is created and no task name is selected by the user, a task is automatically created by Maconomy and added to the Job Task List. This task creation is correct, and occurs when the system parameters **Extended Task Creation from Budgets** and **Create Tasks from Job Budgets, Time** or **Create Tasks from Job Budgets, Amount** are selected. By error, the task creation process previously carried out superfluous checks on Job favorites on Jobs with no task list assigned. If many Jobs with no task list assigned exists, then the entire Job Budget Line creation process slowed down significantly. This error is corrected.

**Defect 1007490****Incorrect Accrual Entries Using Job Surcharge Rules**

If you previously posted a job journal with an accrual period on a job that is set up with a job surcharge rule that adds the surcharge to the entry itself, the entry was accrued before the surcharge was applied. This error is corrected.

**Defect 960881****Incorrect Employee Category Update in Time Sheet Lines**

Previously, when updating the primary employee category on an employee or employee revision, corresponding non-submitted and non-transferred time sheets and lines were also updated. However, only headers and lines that were newer than the current week were included.

This error is corrected. Now, headers and lines that are up to a month old will also be updated, provided that they are still non-submitted and non-transferred.

**Defect 963714****Batch Invoicing Issue when 'Generate Draft' is Selected**

Previously, customers could not approve batch invoicing when **Generate Draft** was selected for sub-jobs. This error is corrected.

**Defect 963830****Printing Invoice Results in Posting Error**

Previously, you could change invoice allocation on a sub-job belonging to a main job that was already approved and had main job invoice selection enabled. This resulted in an error. This error is corrected. You now receive a warning message when you attempt this.

**Defect 964152****Absence Allowance Request Registrations with Blank Time Unit**

Absence allowance request registrations and absence allowance registrations with a blank time unit may in error be prepared, submitted, and approved.

This could not be used, but the employee's absence information counted this in the available allowance. As a result, the employee's absence allowance was displayed incorrectly.

When the employee registered an absence, only the absence allowance with a specified time unit was used.

**Defect 966727****Error When Using Central Time Sheet Transfer**

Previously, attempting a simultaneous transfer of time sheets, whether done by two or more users or a user and a background task, using Central Time Sheet Transfer could result in an error. This error is corrected. Concurrent transferrals of time sheets now proceed without error.

**Defect 931548****Incorrect Quantities After Entering Modifications to Daily Time Sheet**

When certain fields on a previously-transferred daily time sheet line were changed, Maconomy reassigned the daily line to a new or different weekly time sheet line. This resulted in incorrect transferred quantities on the weekly line. A change to one of the following fields on a daily time sheet line triggered the issue:

- Favorite
- Registration Note
- Transaction Type
- Billing Price, Currency
- Billing Price, Base
- Billing Price, Enterprise

**Defect 912699****Markup Percentage Ignored in Periodic Job Budget**

The **Recalculate Budget** action that recalculates prices in periodic job budgets ignored markup percentage in the Price setup for budget lines when a cost price was not specified. This error is corrected.

**Defect 949708****Outdated Billing Price When Editing Overtime**

When previously changing the overtime spec on an existing line in time sheets, the billing prices would not recalculate on the line. This error is corrected.

**Defect 880841****Incorrect Amounts When Crediting a Job with Split Billing**

If you printed a job invoice with a write-up or write-down on a job with split billing, then credited one of the invoices, the write-up or write-down on the credit memo was incorrect. The open billing price on the job was also incorrect. This error is corrected.

**Defect 952081****Incorrect Total Amount in Draft Credit Memo**

When the **TotalExclVATInvoiceCurrencyVar** variable was included in the draft credit memo on a credit memo with charges, the total was calculated incorrectly because a minus sign was used in this variable.

This error is corrected. The sign is now removed, and Maconomy adds the charges to the total amount before tax.

**Defect 910286****Employee Number Field in Approval Single Dialogs**

Previously, the **Employee Number** field in approval single dialogs was editable and you could change the value to see approval lines for other employees. This field is now updated as a read-only field to prevent users from viewing approval lines that should not be visible to them.

**Defect 902933****Rounding Time Sheet Retains Previous Value**

Previously, an invalid error message on time sheet line invoice proposal occurred when the user changed a daily description in Time Registration Details.

**Defect 893596**

**Job Surcharges for Main Jobs**

**Approve Invoice Selection** job surcharges were not calculated for main jobs when sub-jobs were set up for **Main Job Invoice Selection**. The error is corrected.

**Defect 901636****Setup Percentage in Billing to Customer**

Previously, the setup percentage of zero in Billing to Customer caused an error in Maconomy. This error prevented access to the dialog where the zero billing price could have been corrected.

This error is corrected. No error message is displayed on zero setup percentage until the user tries to approve the invoice.

**Defect 902395****Invoice Selection On Main Job Recalculated When Attaching Sub-Job**

Attaching a job as sub-job resulted in the recalculation of the invoices selected on the main job. This occurred if the main job was set up with main job invoicing and main job invoice selection, the new sub-job was set up for main job invoicing, and the sub-job had lines in the current budget. This is optimized to only update the invoice selection based on the registrations and budget lines on the sub-job.

**Defect 897825****Price Look-Up in Recalculated Budget**

The **Recalculate Budget** action that recalculates the prices in job budgets would always look up the prices for each period in the periodic job budget, even when the **Price Look-Up per Period Start** check box in Periodic Job Budgets was not selected. This process affected the performance of the action. This error is corrected.

**Defect 897828****Item Quantity Discounts in Periodic Job Budgets**

When budgeting a job using an activity which derived an item, the discounted price used on the budget line was not always applied to the periods in the periodic job budget. This error is corrected.

**Defect 899606****Job Posting References Cannot Be Edited or Removed**

If you upgrade from Maconomy version 2.1 or earlier to 2.2 or later, the **Posting without Activity** job posting reference is added to Job Posting References. A job posting reference line for each department is automatically created. However, the new job posting reference lines cannot be changed or cleared for the Invoiced On Account without Maconomy displaying an internal error message saying "Maconomy system error: VALIDATEDIMENSIONCOMBREFERENCE line 159."

If you upgrade from Maconomy version X1 sp 9 or earlier to X1 sp 10 or later, a new posting reference on Job Group has been added. However, there were instances where the posting referenced on job groups cannot be changed or cleared without Maconomy displaying an internal error saying "Maconomy system error: VALIDATEDIMENSIONCOMBREFERENCE line 159".

These errors are corrected.

### **Defect 891651**

#### **Entry Date on Job Entry**

Previously, the entry date of a job entry that was created as part of crediting was equal to the transfer date. The entry date should instead be equal to the entry date of the job entry on the invoice being credited. This error is corrected.

### **Defect 892307**

#### **Error When Printing Blanket Draft**

Printing a blanket draft composed of multiple drafts from the same job could result in a system error. This error is corrected.

### **Defect 886485**

#### **General Date Range Limitation**

Previously, the general date range limitation in Maconomy was from 1904 to 2040. The limitation is now updated to enable you to select a date from 1801 to 2498.

### **Defect 889430**

#### **Incorrect Finance Entries**

If you previously reallocated a job entry that came from an Expense Sheet Line in foreign currency, the finance entry for **Open Cost Price** from the Job Reallocation journal showed the **Original Cost** in the base currency of the job.

The error is corrected. The **Original Cost Price** on the finance entries for **Open Cost Price** from the Job Reallocation journal now match the job entries.

### **Defect 856604**

#### **Job Budget Update Optimization**

Updates to the Periodic Job Budgets sub-tab is optimized to perform better on job budgets with many lines. As a consequence of this optimization, the initial first opening of a periodic job budget is slower. Both the optimization of updates to the sub-tab and the somewhat slower initial opening are most noticeable for job budgets with more than 100 lines.

### **Defect 873466**

#### **Job Entries From Gross Pay Journal**

Previously, job entries from Gross Pay Journal were marked as internal cost, which means that if you have set up the system to recalculate prices as job reallocation, then the cost price on such entries was recalculated. The prices for such entries are typically not held in the Job Cost price setup, so they are calculated to zero. This error is corrected.

## Defect 875402

### Daily Time Sheet Submission Does Not Include Last Day of Time Period

When you submit a daily time sheet, it checks whether the weekly should also be submitted as a side effect. It should do so if all daily time sheets have been submitted in the period. As an error, the system did not take last day in period into account. This error is corrected.

## Defect 873428

### Periodic Job Budgets Performance Improvement

Previously, opening periodic job budgets with a large number of lines took a considerable amount of time. This error is corrected. The performance of opening periodic job budgets is improved.

## Defect 863335

### Periodic Job Budget Updates

Previously, the **Update Periodic Job Budget from People Planner** action was slow when a job budget had many lines. The action has been updated to perform better.

A new action called **Send Job to and Update Periodic Job Budget from People Planner** is added to support the previously-used action sequence to send the job to People Planner and then update the Periodic Job Budget on the job.

The following are recommendations for usage:

- Use **Update Periodic Job Budget from People Planner** when the Periodic Job Budget has to be updated from People Planner but does not have to be updated in People Planner.
- Use **Send Job to and Update Periodic Job Budget from People Planner** when the Job Budget has to be updated in People Planner before the updates are fetched for the Periodic Job Budget.

## Defect 864843

### Job Budget Line Periods Dialog

The **Job Budget Line Periods** dialog (internally named JobBudgetLinePeriods) is added to the Jobs workspace. This dialog displays Job Budget Lines in the tab and Job Budget Line Periods in the sub-tab.

This is used to improve the performance of the **Update Periodic Budget from People Planner** action.

## Defect 865293

### Job Reallocation Incorrectly Posts Accounts on New Employee Revision

If a job entry was reallocated across employee revisions that corresponded to different job cost posting setups, the reversal entry may have posted with accounts corresponding to a new employee revision, instead of the original revision. This error has been corrected.

**Defect 852808****Blocked Employees Displayed in Fields**

Blocked employees were displayed in the list of choices in the Employees workspace when entering names into any field.

This error is corrected. Blocked employees no longer display as a choice in a field.

**Defect 851578****Unable to Automatically Transfer Approved Absences**

When approved absence was automatically transferred to time sheets through the **Automatically Create Time Sheet Lines from Approved Absence** system parameter, the transfer of absence did not work if the user created a daily time sheet. A warning appeared to the user stating that absence registrations cannot be transferred to a time sheet line for date [x] when using the daily time sheet.

This error is corrected. The warning is no longer shown and absence is transferred correctly when using daily time sheets.

**Defect 851893****Incorrect Values in Print Currency Report**

Previously, the **Print Currency Report** action in the Exchange Rates workspace posted the full financial value each time it was run. This erroneously showed accumulated financial impact, which is not the intention for the report. The intention is to show the variance (if any) from the last run. This error is corrected. The report now displays any variance from the last run.

**Defect 844816****System Error When Registering Amount Activity in Time Sheets**

Previously, a system error occurred when you registered on an amount activity in time sheets, if the amount activity has specified a maximum number of allowed registrations per day. This error is corrected.

**Defect 844723****System Error When Changing Dimensions**

Previously, you could get a system error when changing a dimension on a direct invoice entry in the Itemize invoice selection sub-tab, if that dimension is one of the prioritized dimensions in Dimension Derivations. This error is corrected.

**Defect 845625****Description:**

In the Invoice Selection tab of the Jobs workspace, the **Calculate Invoice Surcharge** action is now moved to the More Actions drop-down.

**Defect 846536****Error When Transferring Billing Price in Invoice Selection**

When transferring the billing price in Invoice Selection, a system error stating "CALCULATENUMBERPRICEFORINVOICING 321 Overflow." displayed. This would typically happen when using job entries with large quantities but small amounts for invoicing.

This error is corrected.

**Defect 847747****Unable to Rederive Tax Code During Invoice to Credit Memo Process**

Previously, the **Rederive Tax Code** action did not work when performing the **Invoice to Credit Memo** action in Invoice Selection and similar windows.

This error is corrected. The **Rederive Tax Code** function now takes into account job entries that are being reopened in the Invoice to Credit Memo process.

**Defect 848930****Error When Submitting Weekly Time Sheet**

The following error message displayed when submitting a time sheet for a week that is not a split week: "Less time than fixed has been registered on this part of the split week. At least 0.00 hour more is required." This error message was confusing.

This error is corrected. A better calculation method is incorporated to prevent the error and the resulting message.

**Defect 842783****Removing Periodic Job Budget Data Before ETC Date**

When you use the **Periodize Budget** action, the periodic job budget data before the Estimate to Complete (ETC) date did not clear and remained unchanged. The **Periodize Budget action clears periods before ETC date** system parameter is introduced to allow you to enable or disable the function. If enabled, using the **Periodize Budget in Job Budgets** and **Job Progress** actions clears the periodic job budget data before the ETC date. If disabled, the periodic job budget data before the ETC date does not change.

**Defect 843430****Invoice on Account Reconciliations Cause Conflicting Entries**



Previously, performing Invoice on Account reconciliations led to conflicting finance and tax entries. This occurred when the exchange rate changed between the time of account invoicing to the time of account reconciliation. This error is corrected.

**Defect 843807****Error When Changing Charge Record Name**

If you previously assigned an existing charge record in the Invoice Selection dialog and then changed the name of the charge record (ChargeCodeName), when you opened the Invoice Selection dialog and clicked **Approve**, an error displayed. This error is corrected.

**Defect 840473****Cannot Transfer Temporary Time Sheets with Approval Hierarchies**

Temporary submission of time sheets did not work with approval hierarchies. The **Submit Temp. Time Sheet** action did not automatically transfer the time sheets for posting. The **Automatic transferral of temporary time sheet lines when using approval hierarchies** system parameter is introduced to enable the transferral of temporary time sheets for posting.

**Defect 835148****Incorrect Prior Balance on Draft Invoices**

In Maconomy, you can set up that Customer Aging information is included in Job Invoices. The invoice can also show the Prior Balances and New Balances.

Previously, the Prior Balance was calculated as the sum of the remainder for each Aging Period. However, incorrect balances can be displayed because periods could be set up to overlap.

This error is corrected. The prior balance does not depend on the setup of Aging periods.

**Defect 835226****Reallocating Entries in Invoice Selection**

Reallocating using the **Reallocate Selected Entries** action in Invoice Selection (ReallocateFromInvoiceSelection) previously resulted in the entire unallocated amount being used. This is an error as only the open part of the selected entries should be reallocated, and not the full amount. This error is corrected.

**Defect 835587****Cannot Print Batch Invoices Due to Blanket Invoicing Per Main Job System Parameter**

If the **Blanket invoicing per main job** system parameter was selected, you got a system error when printing batch invoices. This occurred if any of the jobs approved for invoicing were sub-jobs of main jobs that were not approved for invoicing. This error is corrected.

**Defect 796143****Amount and Time Budgets Performance Issues**

Previously, searching by typing into the Task drop-down field in Amount Budgets and Time Budgets resulted in

**Defect 827743****Performance Issue When Opening Budgets with Work Breakdown Structure**

Previously, there was a large number of lookups on both job budget lines and job budget line periods when you opened or refreshed the Periodic Job Budget workspace. This resulted in budgets with a work breakdown structure (WBS) to open slowly.

This error is corrected. The system is optimized to be less dependent on the WBS structure and the number of periods with budget data.

**Defect 832409****Periodic Job Budgets Performance**

Performance for Periodic Job Budgets was previously affected by PreviousJobBudgetLine, which was run on all fields without an index. When a new line was created in the Periodic Job Budget, the entire table was refreshed. This resulted in queries being in place for each line in the table, which in turn resulted in poor overall performance.

This error is corrected. An index is added to Job Budget Line to improve the performance of opening the window and adding lines.

**Defect 825328****Purchase Order Total Not Updated on Closed Purchase Orders**

The **Purchase Order Total** field on job budget lines was not updated when a corresponding purchase order was closed.

This error is corrected. The **Purchase Order Total** field now includes only the invoiced amount from closed purchase orders.

**Defect 796086****Exchange Rate Settings in Jobs Workspace**

In the Jobs workspace, you could enable **Post Vendor Exch. Rate Variances on Job** even if you had selected a fixed exchange rate date. This error is corrected. Now you can only have one of these settings enabled.

**Defect 801961****Overallocated ETC When Performing Job Progress Evaluation**

If you perform a job progress evaluation for jobs on a date which is not the last day of the month, the **Periodize Budget** action could create a periodic job budget that allocated more than the estimate to completion. This error is corrected.

**Defect 802096****Price Changes During Job Progress Evaluation**

When Maconomy is set to discard billing prices in job budgets when the cost price is changed, the billing price is updated during job progress evaluation in proportion to the change of the cost, even if the price setup does not find the billing price through a mark-up percentage. This is corrected so that the billing price is recalculated with this setup.

**Defect 794370****Retain Billing Price Based on Activity Type**

When the **Keep Billing Price when Changing Cost Price** system parameter was disabled, Maconomy updated the billing price whenever the cost price is changed. This kept the mark-up percentage fixed. This often made sense for amount activities, but rarely for time activities.

To correct this, the **Keep Billing Price when Changing Cost Price** system parameter is split into two: **Keep Billing Price when Changing Cost Price, Time** and **Keep Billing Price when Changing Cost Price, Amount**. As a result, the setting can depend on the activity type of the job budget line.

**Defect 794371****Reopened Job Entry When Crediting Zero Quantity**

When crediting a job invoice and restoring job entries, you could erroneously change the quantity for crediting to zero. These entries were reopened when the credit memo was printed. This error is corrected.

**Defect 780039**

Previously, using blanket invoicing for multiple jobs may have resulted in an incorrect invoice due date. The due date was not set according to the preferred invoice date on the job selected as "Use Job for Blanket Invoice Header."

The error also prevented finance postings from balancing appropriately as the debit amount was posted on one date and the corresponding credit amount was posted on another date.

The error is corrected.

**Defect 794845**

An error is presented to the user after clicking "Print Invoice" in Invoice Selection. This occurs after transferring an Invoice Plan with quantity > 1.

**Defect 786655****Incorrect Invoice Amounts**

Previously, the **BeforeInvoicedOnJobCurrencyVar** and **NowInvoicedOnJobCurrencyVar** variables in the print dialog for job invoices (P\_JobInvoice) were calculated incorrectly. Now, when these variables

are used in a print layout, they show the correct values, but only for invoices created after this correction is applied.

**Defect 786976****Expense Sheets Lines Not Marked 'Approved by Superior'**

If you reopen and submit an expense sheet without making any changes between reopen and submit, the expense sheet lines were not previously marked as "Approved by Superior".

**Defect 783779****Closed Job Shows as Open for Invoice Selection**

In the view **Job Invoice Crediting, Full** a closed job previously displayed an error stating "open for invoice selection". The error is corrected.

**Defect 776935****Amount Tasks Included in Time Budgets**

Previously, if you had a task with an amount activity but did not select the **Overwrite Activity** checkbox for this task, it would be included in the drop-down in time budgets. These tasks are now removed from the search list.

**Defect 777351****Job Import Program Error**

Using an import program, you could previously import job budget lines in such a way that a subordinate line would belong to a different job, budget type, or budget revision than the parent line. This error is corrected.

**Defect 777394****Amount Activities Setup Error After Upgrade**

When upgrading from version 2.1 or earlier to version 2.2.3, you previously received an error message stating that you cannot specify a time unit for amount activities when making changes in the setup of amount activities. This error is corrected.

**Defect 777396****Cost Price Recalculation When 'Update Prices on Amount Registrations upon Job Reallocation' System Parameter is Enabled**

The cost price on job reallocation of entries of the Vendor Exchange Rate Variance type (originating from the Payment journal) would be recalculated on the target entry if the **Update Prices on Amount Registrations upon Job Reallocation** system parameter was enabled. This should not be recalculated during reallocation.

This error is corrected.

**Defect 777403****Batch Operations on Jobs**

You could encounter deadlocks on GroupJobRevenueRecognition and InternalJobInformation due to (1) missing order by JobNumber and (2) locks on InternalJobInformation even when it was not updated.

This is now fixed. The actions in Batch Job Invoice Allocation and the calculation actions in Evaluation of Work In Progress and Job Revenue Recognition are now changed to process jobs ordered by job number.

**Defect 777406****Reallocating Standard Billing Prices**

If the **Standard Billing Price on Non-Invoiceable Entries** system parameter was previously disabled, then the reversal job entry created as part of a job reallocation did not have a standard billing price. This occurred if the original job entry had no billing price and has been closed (even if it had a non-zero standard billing price). This error is corrected,

**Defect 777409****Allocation Value Changes Upon Submission**

Previously, whenever you submitted an allocation, the value of the **Allocate** field in Batch Job Invoice Allocation changed.

This is corrected. The field's value is now unchanged by the action.

**Defect 777413****Deadlock on Internal Job Information**

You could encounter deadlocks on GroupJobRevenueRecognition and InternalJobInformation due to (1) missing order by JobNumber and (2) locks on InternalJobInformation even when it was not updated.

This error is corrected. The InternalJobInformation database table is not locked when there are no job entries for direct invoicing included on the invoice/allocation being created/approved.

**Defect 777416****Detailed Specification Deselected Upon Approval of Blanket Invoice**

Previously, if you selected the **Include Detailed Specification** check box in **Blanket Invoicing » Invoice Selection » Blanket Invoice Collection**, it would be deselected after using the **Approve** action. This error is corrected.

**Defect 777422****Calculation Errors in Invoicing**

You could not obtain the necessary WIP for Invoicing and Write Up and Write Down calculations due to errors in rounding. This error is corrected.

**Defect 777426****Sub-Job Entries Not Included in Move to Invoicing**

When you used the **Move Entries to Invoicing** action, entries from sub-jobs were not included in the move. All entries from both main and sub-jobs are now moved to invoicing when you use this action.

**Defect 777431****Main Job Invoicing on a Sub-Job with On Account Entries**

A job with lines for on account invoicing could be configured as a sub-job with main job invoicing.

This error is corrected. You can no longer configure main job invoicing for the main job and sub-job, if the sub-job has on account invoicing entries.

**Defect 769410****Error When Printing Invoices or Draft Invoices**

Previously, a "No Output File" error occurred when printing invoices or draft invoices. This error is corrected.

**Defect 770141****System Error When Copying Sub-job**

Previously, you received a system error if you copied a sub-job with main job invoicing enabled. This occurred if the sub-job had a job-specific billing address and if the customer on the sub-job enabled Blanket Invoicing.

This error is corrected.

**Defect 765471****System Parameters Do Not Disable Transferral When Using Approval Hierarchies**

Previously, the following system parameters did not disable transferral when a time or expense sheet is approved using approval hierarchies:

- Disable Automatic Transferral of time sheet lines
- Disable Automatic Transferral of expense sheet lines

The error is corrected.

**Defect 772167**

When a substitute job budget approver clicks on a notification that leads to the Approvals workspace, the **Reject Job Budget** action does not appear in the workspace.

This error is corrected. The action is now available.

**Defect 775868****Copy of a Job Fails if One or More Employees in Favorites are Blocked**

If you have jobs with job employees specified and one of the listed employees was blocked, you could get an error stating an invalid line number if you copied the job.

This error is corrected.

### **Defect 776395**

#### **Price Lists Not Used in Job Budgets When Copying Job-Specific Lines**

When copying jobs with job-specific price list lines, the price list was not used in the job budget, even if the Recalculate Job Budget When Copying system parameter was enabled.

This error is corrected.

### **Defect 776506**

#### **Unnecessary Lock Occurs When Creating Jobs**

An unnecessary database lock previously occurred when creating a job wherein the job number is specified at creation time. The lock occurred on JobInvoiceCustomerPeriod.

This error is corrected.

### **Defect 754637**

#### **Fields Not Copied in Task Lists**

Previously, the following fields were not copied correctly when copying task lists:

- Can be used for Time Registration
- Can be used for Expense Registration
- Can be used for Mileage Registration
- Can be used for Purchasing
- Can be used for Invoicing on Account
- Can be used for Invoicing Plan

This error is corrected.

### **Defect 748401**

#### **Restore Job Entries in Invoice to Credit Memo Wizard**

When the **Restore Job Entries by Default** system parameter is enabled, and you use the **Invoice to Credit Memo** action, job entries are automatically restored. However, the **Restore Job Entries** check box in the wizard that opens when you use the action was not automatically selected. Hence, it could come as a surprise that the job entries are restored.

This error is corrected. The **Restore Job Entries** check box in the wizard is now automatically selected and visible to the user.

### **Defect 751670**

**Poor Performance and Error Message for Central Time Sheet Transfer**

On systems set up to use Central Time Sheet Transfer and Automatic posting of time sheets, any error and the presence of existing un-posted time sheet journals previously resulted in poor performance of the **Transfer** action in Central Time Sheet Transfer. Additionally, lines in the table part of Central Time Sheet Transfer displayed an error message that did not refer to the line itself but to the posting of some existing time sheet journal. This error is corrected.

**Defect 547922****'Ready to Release' Selection Does Not Work in Approve Time Sheets View**

The view Approve Time Sheets would previously by error not show temporarily submitted time sheet lines when you selected Show = "Ready to Release". The error is corrected.

**Defect 567303**

When you create a job based on customer setup and template job setup that has the **Post Vendor Exch. Rate Rate Variance on Job** check box selected, your created job will also have this check box selected by default.

However, if you create a job using a template job that does not have this check box selected, the customer setup is not inherited, leaving the job field deselected.

This error is corrected. The **Post Vendor Exch. Rate Rate Variance on Job** check box is selected by default on a new job, regardless of whether it is the customer or the template job that has this field selected.

**Defect 569212****Cannot Delete Job with Removed Draft Invoice**

When a draft invoice is removed, the system makes a copy of the lines to enable restoring from a previous edit. An error occurred where removed drafts would prevent the job from being deleted.

This error is now corrected.

**Defect 614673****Sub-Jobs with Incorrect Information**

If you created a job from a template job with template sub-jobs, your sub-jobs would not get dimensions as specified by the user in the job creation wizard. The sub-jobs only got the customer number that was chosen in the wizard (provided that the template sub jobs did not have a customer). This error is corrected.

**Defect 706447****Fixed Error Message in Copying Budgets**

A grammatically incorrect error message in the Copy Budget functionality has been corrected.



**Defect 716635****Expense Sheet Lines and Header Not Marked as Approved**

If you previously reopened an approved expense sheet with approval hierarchies enabled and submitted it without making any changes that removed the approval, the expense sheet lines were not marked as approved by superior nor was the expense sheet header marked as fully approved. This error is corrected.

**Defect 718614****Expense Sheet Lines and Header Not Marked as Approved**

If you previously reopened an approved expense sheet with approval hierarchies enabled and submitted it without making any changes that removed the approval, the expense sheet lines were not marked as approved by superior nor was the expense sheet header marked as fully approved. This error is corrected.

**Defect 719047****Align Old and New Approval Method Logic**

Job approvals and approval hierarchies now use the same logic for time sheets and expense sheets. This prevents user confusion and potential room for error.

**Defect 726473****Similar Field Names in Daily Time Sheet**

There were two **Description** fields in daily time sheet lines, which could cause confusion. The field for daily descriptions is now renamed **Daily Description**.

**Defect 734061****Poor Performance of Distribute to Employees Action**

The **Distribute to Employees** action in the Job Employees workspace previously took a long time to run. This error is corrected. The action is enhanced to improve performance.

**Defect 734402****Cannot Change Quantity on Mileage Sheets if Unit Price Differs from Mileage Rule**

Previously, the quantity on mileage sheets could not be changed if the unit price was different from the mileage rule. This error is corrected. The functionality now matches the existing function in mileage sheets while the mileage rule is followed, and similar fields in expense sheets.

When you manually enter a unit price prior to transfer, that price is kept, but a warning lets the user know that it does not match the mileage rule.

**Defect 745061**

**Two Fields Are Named "Markup %"**

Previously, the Job Budgets Table API table view of job budget lines had two fields with the title **Markup %**.

This error is corrected. One of these fields is renamed to **Markup % (Shown)** and is used when the user can see relevant cost prices related to the markup.

**Defect 757094****Two Fields Named 'Invoice' in the Job Entries Workspace**

In the Job Entries workspace, there were previously two fields named **Invoice**. This error is corrected. One of these fields is renamed **Selected for Invoicing** to more accurately reflect its function.

**Defect 758432****Values Do Not Update When Using Approve Action in Invoice Selection Workspace**

Previously, some values in **Job Cost » Invoicing » Invoice Selection » Job Invoice Selection Lines** were not updated correctly after using the **Approve** action. This error is corrected.

**Defect 758482****Check for Minimum Hours Per Day Should Not Happen at Temporary Submission of Daily Time Sheet.**

Maconomy no longer checks for minimum hours per day for a partial submission of a daily time sheet using the **Submit Temp. Time Sheet** action.

**Defect 762715****Expense Sheet Lines Not Transferred to Journal**

Previously, expense sheet lines were not transferred to the journal when approval hierarchies were in place and supervisor approval was enabled. This error is corrected.

## **Application >> Trade and Misc**

**Defect 764189****Missing Vacation Calendar Description Under Absence Management**

The vacation calendar description was previously missing under Absence Management in the **Human Resources > Employees** workspace when you added or updated your vacation calendar. This error is corrected.

**Defect 759612****No Customer Name Displays on Event**

Previously, no customer name displayed on an event even when the customer number was entered. This error is corrected.

**Defect 602324****Not Possible to Credit Part of Subscription Order**

Previously, it was possible to change the invoice starting date of a subscription line while it was being invoiced. This led to an issue where it would not be possible to credit an earlier part of the subscription if the later part was credited first.

This error is corrected. It is not possible to change the invoice starting date if the subscription line has been invoiced but not credited.

**Defect 779378****Postal Districts Cannot Be Used for Countries with More than 5,000 Zip Codes**

Previously, importing postal codes to Maconomy would cause all lines in the Postal Districts sub-tab in **Single Dialogs » Set-Up » Set-up » Postal Districts** to be read-only if the zip codes for a country exceeded 5000. This error is corrected. A filter list is now added to filter zip codes by country.

**Defect 796102****Data Conversation Step Fails**

Previously, the data conversion step "CopyDerivedDimToEmployeeRevision" failed when upgrading to 2.3.1 from 2.1.8 and previous versions. This error is corrected.

**Defect 799435****Time Unit Cannot Be Changed on Employee Revision**

Previously, you could not change the time unit on the first and last employee revisions made on an employee record. If you attempted to do so, Maconomy displayed an error message.

This error is corrected.

**Defect 799752****Incorrect Propagation to Derived Dimension on Employee Revision**

The change of dimension on employee revision is not correctly propagated to the Derived Dimensions. This error is corrected.

**Defect 799859****Company Information Field Not Available on Draft Order Invoices**

Previously, the **Company Information** field was not available on draft order invoices. This error is corrected.

## **Defect 825977**

### **Cannot Open Documents in the MCS and CPA Portals**

Previously, it was not possible to open documents for expense sheets in the portals for MCS and CPA if the document archive had a name other than <ExpenseSheetNumber>. This error is corrected.

## **Defect 827350**

### **BPM Reports Do Not Work Properly in the Portal**

Previously, BPM reports in the Portal did not work properly due to Internet Explorer having to run in compatibility mode. Compatibility mode in turn set the document mode to a value that was not sufficient for windows with embedded BPM reports. The prompts were inactive, which meant that a user could not select any of them.

The error is corrected. The reports now open in a new browser tab.

## **Defect 836730**

### **Periodic Job Budgets in People Planner Update Lines Without Changes**

Previously, the **Update Periodic Job Budget from People Planner** action took a long time to run due to unnecessary updates. Every periodic job budget line was updated even when data was not changed.

This error is corrected.

## **Defect 836814**

### **Update Periodic Budget from PP Action Always Updates Budget Lines**

Previously, the **Update Periodic Budget from PP** action updated budget lines even when the values in Maconomy and People Planner were the same. This resulted in poor performance with no change to either system.

The error is corrected.

## **Defect 838548**

### **No Record Added to HRSmartIntegrationSetup After Data Conversion**

Previously, during the data conversion step, a record is not added to the HRSmartIntegrationSetup table. Because of this, you are unable to see actions in Talent Management Setup and you are unable to run Delttek Talent Management integration after upgrade. This error is corrected.

## **Defect 847382**

### **Creating Customers for Contact Company Does Not Update Events**

Previously, when a customer from a contact company was created, the corresponding event was updated with the Customer Name but the Customer Number was not updated. If the event had a job assigned to it, only the Customer Name was overwritten and the Customer Number was retained. Now, the event is

updated with the newly created Customer Name and Customer Number. For events derived from a job, the Customer Name and Customer Number are retained. This error is corrected.

### **Defect 844824**

#### **Description:**

When previously performing an email alerts distribution, the links in the email for some notifications were incomplete. The notifications with this error were defined in a namespace, such as "creditcontrol."

This error is corrected.

### **Defect 851163**

#### **To-do Notifications Displayed Only for Selected Role**

Previously, to-do notifications were displayed only for the currently selected role. This error is corrected.

A new system parameter, **Show notifications for other roles** is added. If enabled, to-do notifications are displayed for all roles other than the currently selected role.

### **Defect 851177**

#### **Error in Data Conversion Step UpdateForUser**

Previously, an incomplete data conversion of the IncludeInBlanketInvoiceSelection table to 2.3 resulted to the incorrect conversion of some records. The missing conversion may cause a system error (INCLUDEINBLANKETINVOICESELECTIONMOD.RECENTCHANGEBYOTHERUSER line 183: <username>) while doing invoicing. This error is corrected.

### **Defect 862589**

#### **To Do Notification Did Not Show All Information in Portal**

Previously, the to-do notification, **Inv. Almost Due**, in the Maconomy Portal, did not display the name or number of the employee responsible for approving the invoice. This error is corrected.

### **Defect 859761**

#### **Hide BPM Reports Link if BPM Not Installed**

Previously, clicking a number of links in the Reports workspace led to an error if BPM was not installed.

This error is corrected. The incorrect links no longer appear in the workspace if BPM is not installed.

### **Defect 856151**

#### **Incorrect Calculation of Cost Price and Posting of Journal Fails**

If the price unit is changed on a BOM item while it is in production, the cost price is incorrectly calculated on the produced items, and the posting of a production journal fails. This error is corrected. You now cannot change the price unit on an item that is in production.

**Defect 873450****Access to Company is Incorrectly Validated**

Previously, it was not possible to access contact persons in a company if the user did not have access, even when relation access was set up to support this. This error is corrected.

**Defect 876149****Update of Employee Revision Not Possible Due to Linking Rules**

If you previously allowed for full linking of fields between Employees and Template Employees, synchronization of Employee Revisions failed at times. This occurred when a revision that should be set to "Current" had a different value in the fully linked field.

This error is corrected.

**Defect 876154****Error When Creating Linking Rule Between Template Employee and Employee**

When you previously created a linking rule between Template Employee and Employee with full linking on **Soc. Security No.**, you received an error message that stated "Soc. Security No.: This field cannot be changed due to linking with template employee". This was not useful if you were trying to update many employees at once.

This error message is updated so that it now includes the employee number for easier reference.

**Defect 880593****Negative Unit Price when Derived from BOM**

Previously, it was possible to set a negative price ratio % on a BOM part. This error is corrected.

**Defect 889436****DTM Sync Action Did Not Always Update**

Previously, if you used the **Sync All Empl. with Talent Management** action, there were instances when it did not update all the employees in Maconomy, even if they were changed in Delttek Talent Management. This error is corrected.

**Defect 883841****Create Contact Person Error**

Previously, an error is encountered in the Create Contact Person wizard if the contact Company is filled when the **Use first/middle/last names on employees and contact persons** is enabled. Linking between contact person and contact company is changed so that Name1 field only can be linked if the system parameter **Use first/middle/last names on employees and contact persons** is disabled. The error is corrected.

**Defect 884137**

**Filter Fields Conflict with Action Buttons in the Job Workspace Portal**

Previously in the Job workspace in WCS and CPA portal, when you click the **Next** or **Previous** buttons after the filter line is changed, a pink screen error may occur. The error occurred because changing the filter line triggered a new search before the page is changed. This error is corrected.

**Defect 899712****System Error in Blanket Invoicing Workspace**

Previously, if you used the **Reset User Setup** action to reset a user, it could result in a system error in the Blanket Invoicing workspace. This error is corrected.

**Defect 900159****Background Task to Update Opportunity in Deltek CRM Fails**

Previously, updating the **Job State** on a job linked to a Deltek CRM opportunity as a fee job created a background task to update the opportunity in Deltek CRM. This background task would always fail.

This error is corrected. The background task succeeds and updates the **Fee Job State** and **State Changed Date** on the Deltek CRM opportunity.

**Defect 902431****Last Name Field Missing in 'Create Applicant' Window**

The layout for the **New Applicant** wizard did not previously support first, middle, or last names. As a result, it was not possible to create an applicant when this functionality was enabled.

This error is corrected.

**Defect 903002****Incorrect Prompt Appears When Clicking Open Live Report**

Due to a change in the prompts of the AR Rollforward report, it previously did not automatically refresh with the selected statement date when opened from the Maconomy Workspace Client. This error is corrected.

**Defect 952042****Missing Validation for Task and Activity in Subscription Order**

Previously, it was possible to create a subscription order with a job number without a task or activity. This error is corrected.

**Defect 926962****Pink Screen Error in PSO and CPA Portal**

In the Budget tab in the Project workspace, a pink screen error occurred when you selected a previous budget revision in the Jobs workspace in the PSO portal. This error is corrected.

**Defect 928168****Downloading a Document from the CPA or PSO Portals Result to an Incorrect File Extension**

In the CPA or PSO portals, when you previously downloaded a document in some older versions of Internet Explorer, the document opened in Notepad and displayed in an unexpected format. This error is corrected.

**Defect 928484****Email Alerts Using UTF-8 Characters are Displayed Incorrectly**

In email alerts, when UTF-8 characters (such as Danish characters æ, ø, or å) were previously used, the characters displayed incorrectly.

This error is corrected.

**Defect 914746**

Previously, the 'Time sheet start date' and 'Time sheet end date' fields on employee revisions were not set during the data conversion to 2.4. This error is corrected.

**Defect 914825****Employee Status Field Missing from CPA Employees Workspace**

Previously, the **Employee Status** (EmployeePopup1) field was missing from the CPA Employees workspace. This error is corrected and the field is now in the Employee Information tab.

**Defect 915331****Tenant Login Name Empty for Administrator Users**

Previously, the Tenant Login Name for the user Administrator was empty. This error is corrected so it has the same value as the Login Name field.

**Defect 917217****Employees Assigned to Multiple Users Results to an Incorrect Number of Notifications**

An incorrect number of notifications was previously shown in the email alert if the same employee was assigned to multiple Maconomy users. This error is corrected.

**Defect 917896****Opportunity Budgets Do Not Refresh Correctly**

Previously, the Opportunity Budgets dialog would not correctly update the **Budget Created** and **Show Budget** fields when the dialog was refreshed. This error is corrected.



**Defect 949124****Misleading Field Label in the BPM Finance Report Workspaces**

In various BPM finance reports workspaces, the selection criteria island Period previously included a set of fields labeled **Month/Yr.** when it refers to a selection of fiscal periods. This label is corrected and is changed to **Fiscal Period / Year.**

**Defect 949138****Opportunity Cannot Be Created for Inactive Customer**

Previously, it was not possible to create an opportunity for inactive customers if the company customer was not created. Customer status should not affect the creation of opportunity. The opportunity is created for a contact company first when the opportunity is converted to a job, it is required that the customer is created and active. This error is corrected.

**Defect 971134****Users Without An Employee Assigned Get Incorrect Notifications**

Previously, incorrect notifications would appear to a user with no employee assigned. This error is corrected.

**Defect 952540****Inaccurate Recalculation in Sales Order**

Previously, recalculating rounding lines (when "Round off, Item No. " is set ) in Sales Order was inaccurate on **Discount, Discount %,** and **Unit Price.** This error is corrected.

**Defect 990105****Unclear Error Message When Creating Users or Updating Access Groups**

Previously, the error message "It is not possible to grant access to this group" was encountered when creating a user or updating user access groups. This error message is updated to include the title of the group to which it is not possible to grant access.

**Defect 991501****Wrap Lines Action Causes Fatal Error**

Previously, running the Wrap Lines action in the Notes workspace could lead to a fatal error. This error is corrected.

**Defect 988005****Configuration File Is Not Read by the Web Service**

The configuration file (USyncSQL.txt) for the USync web service was not previously read from custom and solution folders. This error is corrected. It is updated so that USync is configured in USync.I instead of in USyncSQL.txt. For compatibility. USync.I is only read if USyncSQL.txt does not exist.

## Defect 998306

### Company Number of a Blocked Company Can Be Assigned to a Contact Person

Previously, it was possible to assign a blocked company on a contact person and as settling company on a contact company, a customer, or a vendor. This error is corrected so that it is no longer possible to assign a blocked company in these places.

## Defect 1018559

### Open Timed Out Action Error

Previously, running the **Open Timed Out** action in the CRM Integration workspace would show an error if the **Open** field was selected. This gave an indication that something was wrong even though everything was working as expected. This error is corrected to show a notification instead.

## Defect 1015776

### People Planner Date and Time Fields Have Differing Formats on Sync

The **Sent to People Planner** and **Updated from People Planner** fields did not previously show the date and time in the same format. This error is corrected by introducing the fields **DateSentToPPVar** and **TimeSentToPPVar**, which are used instead of the **IntegrationStatusLastSentVar** field.

## Defect 1021454

### Redundant Headings When Printing Invoices from Sales Orders

The standard MPL layout in of Maconomy MCS solution previously produced redundant or recurring headings when printing invoices from the Sales Order window. This error is corrected.

To solve this without changing the layout structure, it was necessary to change the layout so that it is identical for Sales Order and Subscription Invoices.

## Defect 1029539

### Error Encountered When Updating or Deleting Skills

**Description:** If you previously tried to update or delete a skill, Maconomy displayed an error message. This happened when the **Integration Type** popup type did not have the value **DeltakTalentManagement**. This error is corrected.

## Defect 1045469

### Maconomy Webservers for TrafficLIVE Do Not Accept Comma Separator

Webservice jobReallocationData.1.ms used for the TrafficLIVE integration previously returned integer values with a thousand separator. This was an error as web services will not accept integer parameters with a thousand separator.

For example, for a job entry with entry number 2000, the web service will return the entry number 2,000 (with default integer format) and only accept entry number 2000.

This error is corrected.

**Additional Notes:** This error correction ensures that integers are returned without a thousand separator, preventing the error from happening for entries exported after the fix. However, a database cleanup of existing values in TrafficLIVE may still be required.

## **Defect 1098848**

### **Time Sheet Overview Report Option**

The Time Sheet Overview report is now visible if the Show Standard Report option is selected from system parameters.

## **Defect 1203599**

### **Job Template Not Exported to Maconomy When Importing Relationship Job**

When previously importing a relationship job from CRM to Maconomy, the chosen job template selected in CRM was not exported to Maconomy. This error is corrected.

# **BPM**

## **Defect 1205929**

### **BPM: Last Payment Date Shows Even if the Payment is After the Statement Date**

The AR Aging, AP Aging, WIP Aging, and corresponding Transactions reports previously wrongly included reconciliations after the statement date.

## **Defect 1191027**

### **Cashflow Statement Indirect Method Report Removed**

The Cashflow Statement Indirect Method report did not previously follow specifications. The report is removed from the BPM package.

## **Defect 1214071**

### **Wrong Tax Percentage for EU Acquisition**

Previously in the Tax Settlement Report, the tax rate column only showed the 0% tax rate percentage of Non-EU tax code.

Now, it can display the corresponding tax rate for percentage for EU tax code.

## **Defect 1092579**

### **Unsubmitted Time Report Updated**

Previously, the report Unsubmitted Time - Employees showed employees even if they had submitted their timesheet. This is now fixed. We have included a filter on the report to exclude those employees, and also removed the Submitted column as it does not make sense in the report.

## Defect 1020705

### Customer Number and Job Number Not Passed On to AR Transactions Sub-report

In reports with links, when answering the prompts for Customer No. and/or Job No. these restrictions were not previously passed to the sub-report AR Transactions. This error is corrected.

## iAccess

### Defect 996404

#### Different Values for the Status Field in Weekly and Daily Time Sheets

**Browsers:** IE11, Chrome, Safari, and Firefox

In systems set up to not use approval hierarchies, iAccess did not display a value in the **Status** field of weekly time sheets. This is now corrected.

### Defect 1028867

#### Rejection Reason Not Displayed in Absence or Allowance Requests

**Browsers:** IE11, Chrome, Safari, and Firefox

Rejected absence and allowance requests did not display the rejection reason provided by the approver. This is now corrected.

### Defect 1181442

#### iAccess Patch Number Included in MaconomyDir Folder Path

The directory that stores iAccess configurations on the Maconomy application server included the patch number in the folder path. This is now corrected.

## Touch

### Defect 1216149

#### Error When Logging On to Touch After Changing Your Azure Password

**Description:** If you updated your Azure password and tried to log on to Touch again, an error message would display.

**Customers Impacted:** This defect affected Delttek Touch for Maconomy users who were using the Azure authentication.

**Workaround Before Fix:** After your first attempt, log on to Touch again.

**Additional Notes:** None.

## Defect 1216141

### Stuck on the PIN Screen After Changing Your Azure Password

**Description:** After your Azure password had been updated and the Azure page closed, you would be stuck on the Touch PIN screen without any error message.

**Customers Impacted:** This defect affected Deltek Touch for Maconomy users who were using Azure authentication.

**Workaround Before Fix:** Take the following actions:

1. On the PIN screen, tap **Change User**.
2. Reconnect, and accept all terms.
3. Log on again.

**Additional Notes:** None.

## Defect 1206864

### Could Not Save an Exchange Rate Value with More than Two Decimals

**Description:** If you tried to enter a value with more than two decimals in the **Exchange Rate** field on the **Expense Sheet Line** screen, Touch would not accept and save it.

**Customers Impacted:** This defect affected Deltek Touch 3.1 for Maconomy 2.4.3 users.

**Workaround Before Fix:** None.

**Additional Notes:** Touch should allow you to enter and save an **Exchange Rate** value with a maximum of nine decimals, regardless if the decimal separate is comma (,) or period (.).

## Defect 1206590

### Google Maps App Home Page Displayed Instead of the Distance Panel When Tapping Map

**Description:** If you tapped **Map** on the **Mileage Sheet Line** screen, the Google Maps app home page would display instead of the Google Maps app page with the distance panel that displayed the auto-populated **To** and **From** fields.

**Customers Impacted:** This defect affected Deltek Touch for Maconomy users who selected the Google Maps app as default when opening maps.

**Workaround Before Fix:** None.

**Additional Notes:** None.

## Defect 1205720

### Unable to Log On to Touch Using OneLogin Authentication

**Description:** If you tried to log on to the Touch native application using the OneLogin authentication, you would be able enter your credentials on the OneLogin authentication screen, but you would still not be able to log on to Touch.

**Customers Impacted:** This defect affected Deltek Touch for Maconomy users who were using the OneLogin authentication.

**Workaround Before Fix:** None.

**Additional Notes:** None.

## Unable to Log On to Touch on a Linux System

### Defect 1194115

**Description:** If you tried to log on to Touch, nothing would happen.

**Customers Impacted:** This defect affected Deltek Touch for Maconomy users who were using a Linux system.

**Workaround Before Fix:** Your technical consultant can customize the LayoutList.Mscript.I file to correct a syntax error.

**Additional Notes:** None.

## Defect 1181854

### Cancel and Delete Options on the Timesheet Screen Not Displaying Properly When You Swiped to Delete a Timesheet Line

**Description:** If you swiped across a timesheet line and tapped **Delete** on the **Timesheet** screen, the portion that displayed 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 for Maconomy 3.2 users who were on the **Weekly** submit mode and using an iPhone X device.

**Workaround Before Fix:** Tilt your mobile device screen.

**Additional Notes:** None.

## Defect 1169713

### Certain Screens Not Displaying Properly When the Keyboard Opened

**Description:** If the keyboard opened on certain screens (such as **Login**, **Server URL**, and **Find Job**), those screens would not display properly. The top part would be pushed up and the screen would become scrollable.

**Customers Impacted:** This defect affected Deltek Touch for Maconomy users who were using iOS mobile devices.

**Workaround Before Fix:** None.

**Additional Notes:** None.

### Defect 1136956

#### **No Cancel or Back Button on the Preview Screen for Images Opened from Gallery**

**Description:** If you opened an image from your device gallery, there would be no option to cancel or return. on the preview screen

**Customers Impacted:** This defect affected all Deltek Touch for Maconomy users.

**Workaround Before Fix:** Take the following actions:

1. Tap **Use Photo**, and tap **Cancel**.
2. Close, and open the application again.

**Additional Notes:** None.

### Defect 1112015

#### **Pinch-to-Zoom Functionality Not Working**

**Description:** If you tried to pinch and zoom in on an image attached to an expense sheet, nothing would happen.

**Customers Impacted:** This defect affected Deltek Touch for Maconomy users.

**Workaround Before Fix:** None.

**Additional Notes:** None.

### Defect 1007981

#### **Unable to Delete Attachment in a Submitted Expense Sheet**

**Description:** If you tried to delete a receipt in a submitted expense sheet, a message informing you to enter the name of the document you want to delete would display and the expense sheet would not still be deleted.

**Customers Impacted:** This defect affected Deltek Touch for Maconomy users who were using REST.

**Workaround Before Fix:** Reopen the expense and then delete the receipt.

**Additional Notes:** None.

### Defect 1073549

#### **Three Decimals in the Error Message for a Submitted Timesheet with Registered Hours Less Than the Required Fixed Hours**

**Description:** If you opened a timesheet with at least one timesheet line and the selected day with registered hours less than the required fixed hours, an error message with three decimals instead of only two would display after you tap the **Submit** button. For example, it would display 16,000 hours instead of 16,00 hours.

**Customers Impacted:** This defect only affected Deltek Touch for Maconomy 3.2 users who were using Rest Web services and whose Maconomy system had specific fixed hours on timesheets.

**Workaround Before Fix:** None.

**Additional Notes:** None.

**Defect 1128608****Unable to Select Your Preferred Day After Tapping Next Using the Day Carousel**

**Description:** If you tapped the **Next** button in the day carousel on the **Timesheet** screen and then tried to tap any day (other than **Monday**), Touch would not allow you to select your preferred day. It still would select the default option (**Monday**).

**Customers Impacted:** This defect affected Touch for Maconomy 3.2 users who were using REST Web services.

**Workaround Before Fix:** Take one of the following actions:

- Tap your preferred day for the second time.
- On the **Weeks** screen, navigate to the next or previous week by tapping your preferred week.

**Additional Notes:** None.

**Defect 1182094****Unable to Enter Exchange Rate Value with More Than Two Decimals**

**Description:** If you tried to enter a value with more than two decimals in the **Exchange Rate** field on the **Expense Sheet Line** screen, Touch would not accept and save it.

**Customers Impacted:** This defect affected Deltak Touch 3.1 for Maconomy 2.4.3 users.

**Workaround Before Fix:** None.

**Additional Notes:** Touch should allow you to enter and save an Exchange Rate value with a maximum of nine decimals, regardless if the decimal separate is comma (,) or period (.).

**Defect 1204719****Error Logging On to Touch Caused by a Duplicate IIS Variable**

**Description:** If you tried to log on to Touch, an error message related to proxy request would display. The error was due to a duplicate HTTP\_X\_FORWARDED\_PROTO variable in the Internet Information System (IIS).

**Customers Impacted:** This defect affected Deltak Touch 3.3 for Maconomy 2.4.5 users.

**Workaround Before Fix:** None.

**Additional Notes:** Both MConfig and Touch installer set the HTTP\_X\_FORWARDED\_PROTO variable.

## Technology

**Defect 836122****Logging of Long Lines Results in Issues and Server Crash**

Logging long lines to MDbg/ODbg log previously resulted in unexpected characters, memory corruption, and a possible server crash. This error is corrected.

## Technology >> Back End >> Coupling Server

**Defect 969626**



**Long Text Emulation Extension Leak**

A resource leak using a large amount of memory for a very long time was previously identified. This leak occurred for "emulated long text" containers. These are prefixed with maconomylongtext: in their internal name. As a result, customers experienced various kinds of errors, including an "SQL Cursor Cache overflow." This error is corrected.

**Technology >> Back End >> ExtensionFramework****Defect 1121165****Extension Code Execution Error in Table Rows**

When extensions were previously used 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.

**Defect 1205304****Missing Extension Framework Method Results in Error**

When using the interface MiConfigurationInfo during extension development in the Extender, a compile error previously occurred because the interface was not located in a whitelisted package. This error is corrected. The interface has been moved to another package and the code using the interface is now able to compile.

**Note:** At times, it might be necessary to run the **Organize Import** action in the Extender/Eclipse (Ctrl-Shift-O).

**Technology >> Back End >> Server****Defect 1188452****Boolean Values Localized in MPL**

Now, boolean values are localized in MPL prints if an MPL layout is marked to be localized.

**Defect 1210290****Adding Sub-Environments Does Not Work**

Previously, adding "sub" environments and then attempting to update environments did not work as expected. This error is corrected.

**Defect 1121167****Invoice Editing Panes are Empty After Performing Actions in Other Panes**

Previously, the Workspace Client did not automatically update all panes correctly when performing actions in other panes. This error is corrected.

**Defect 772114**

### **GetFieldValue and SetFieldValue Script Optimization**

Improvements are made to the GetFieldValue and SetFieldValue scripts to optimize performance.

## **Technology >> Front End >> Workspace Client**

### **Defect 1187631**

#### **Server Connection Dialog Shown Incorrectly**

Previously, the connection dialog was shown during login even if the "Do not ask me again" checkbox was checked. This error is corrected.

### **Defect 1203534**

#### **Could Not Use & Sign in Search**

Previously it was not possible to search in the filter for the phrases that include '&' sign. This error is corrected.

### **Defect 1209762**

#### **Downgraded Workspace Performance**

Previously, opening table workspace layouts resulted in delays in performance issues in 2.4.4 and later versions. This error is corrected.

## Database Changes

### Changes from 2.4.4 to 2.5

#### Summary

14 relations created  
2 relations removed  
    32 were expanded  
    174 were moved  
    183 were renamed  
    88 new fields  
    6 removed fields  
    18 renamed fields

#### Details per Relation

Relation: APPROVALGROUPACCESS (removed)

Relation: EUROEXCHANGERATE (removed)

Relation: ORDERHEADER

    Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

    Field: BASEDONINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

    Field: ITEMPURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

    Field: LASTDELIVERYNOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

    Field: SUBSCRIPTIONORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

    Field: BASEDONORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

    Field: MAINORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

    Field: MOVEMENTTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: DAILYTIMESHEETLINE

    Field: PURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: ITEMRECEIPT

    Field: ITEMPURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

    Field: DELIVERYNOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

    Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

## Database Changes

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NGTH)

Relation: HOURSJOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: PURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: JOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: FIRSTTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: LASTTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: PREVIOUSTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: NEWTRANSACTIONNUMBERWHENCOPY changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: COMPANYOFGJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: MODENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: REVERSINGTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: MAINJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: APPROVALGROUPINSTANCEKEY added

Field: SUBMITTED added

Field: APPROVED added

Field: APPROVEDBY added

Field: APPROVALDATE added

Field: APPROVERACCESSINSTANCEKEY added

Relation: USERROLEACTIONINFORMATION

Field: CANSUBMITVENDORINVOICES changed name from CANRELEASEVENDORINVOICES

Field: CANAPPROVEJOBQUOTES changed name from CANAPPROVEQUOTE

Field: CANAPPROVEVENDORINVOICES added

Field: CANSUBMITJOBBUDGETS added

Field: CANSUBMITPURCHASEORDERS added

Field: CANSUBMITJOBQUOTES added

Field: CANSUBMITGENERALJOURNALS added

Field: CANAPPROVEGENERALJOURNALS added

Relation: FINANCERECONCILIATIONCARD

Field: FROMTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

## Database Changes

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Field: TOTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: PETTYCASHACCOUNT

Field: LASTJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INVOICETRANSFERJOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ABOUTJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: SUBSCRIPTIONLINE

Field: SUBSCRIPTIONORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: PURCHASEORDERLINE

Field: PURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: SALESORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: REQUISITIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: REQUESTFORQUOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: UNSPSCCODE added

Relation: VATSPECIFICATIONLINE

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INTRASTATREPORT

Field: REPORTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: HRSMARTINTEGRATIONSETUP

Field: REPORTINGSTRUCTURENAME added

Relation: BUDGETREALLOCATIONJOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: DRAFTINVOICERECONCILIATION

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INPUTDATALINE

## Database Changes

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    Field: MODENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)
    Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH
)
    Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLE
NGTH)
    Field: RECONCILIATIONTRANSACTIONNUM changed type from INTEGER to VARCHAR(
FULLFIELDLENGTH)

Relation: REMINDERLETTERLINE
    Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLE
NGTH)

Relation: DRAFTINVOICECHARGES
    Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH
)

Relation: SALESLISTSYSTEMREPLINE
    Field: REPORTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)
    Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH
)

Relation: COMPENSATIONTYPE
    Field: DEPRECATEDNUMBEROFPAYPERIODS changed name from NUMBEROFPAYPERIODS

Relation: OUTPUTDATAGROUP
    Field: OUTPUTDATANUMBER changed type from INTEGER to VARCHAR(FULLFIELDLEN
GTH)

Relation: ITEMMOVEMENT
    Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLE
NGTH)

Relation: JOBENTRY
    Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH
)
    Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLE
NGTH)
    Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH
)
    Field: PURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELD
LENGTH)
    Field: EXPORTMODENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLEN
GTH)

Relation: DRAFTINVOICESELECTIONSUMMARY
    Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH
)

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## Database Changes

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Relation: SALESLISTSYSTEMREP

Field: REPORTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: APPROVALLINE

Field: SUBMITTERCANAPPROVE added

Relation: ORDERSERIALNUMBERLINE

Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: DELIVERYNOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: EMPLOYEE

Field: APPROVERACCESSINSTANCEKEY added

Field: CHECKIN added

Relation: OUTPUTDATALINE

Field: OUTPUTDATANUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: CUSTOMERPAYMENTTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: ORDERLINE

Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ITEMPURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORIGINALORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: DECLARATIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: SUBSCRIPTIONORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: MAINORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: MOVEMENTTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: TARGETGROUPCUSTOMERACCRUAL

Field: FROMTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TOTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: EMPLOYEEEREVISION

Field: CHECKIN added

Relation: DRAFTINVOICEENTRY

Field: JOBENTRYJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

## Database Changes

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Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INTERCOMPANYENTRY

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: SETTLEMENTINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INVENTORYCOUNTLIST

Field: LISTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: MAINLISTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: REQUESTFORQUOTELINE

Field: REQUESTFORQUOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: REQUISITIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: ASSET

Field: DISALLOWAUTOMATICBOOKDEPRECI changed name from MANUALDEPRECIATION

Field: DISALLOWAUTOMATICTAXDEPRECI added

Field: ASSETCOSTFACTOR added

Field: TAXDEPTABLENAME added

Field: YEARS added

Field: FIRSTYEARFACTOR added

Field: STRICTYEARLYLIMIT added

Relation: PRODUCTIONVOUCHER

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: SETTLEMENTINVOICE

Field: SETTLEMENTINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: REFERENCESETTLEMENTINVOICENU changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: ROYALTYSETTLEMENTHEADER

Field: SETTLEMENTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: USERINFORMATION

Field: APPROVERACCESSINSTANCEKEY added



## Database Changes

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### Relation: PICKINGLIST

Field: PICKINGLISTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: WAREHOUSETRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ITEMPURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: PRODUCTIONTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: INVOICEBOMLINE

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORIGINALORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: SUBSCRIPTIONORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: JOBINVOICELINE

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: REFERENCEINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: JOBINVOICEALLOCATIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: VENDOR

Field: WEBSITE added

Field: APPROVERACCESSINSTANCEKEY added

### Relation: USEDSYSTEMNUMBER

Field: THENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: TARGETGROUPJOB CARD

Field: FROMINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TOINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: TEMPORAL1

Field: STRING9 added

Field: STRING10 added

### Relation: BOMLINE

Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORIGINALORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

## Database Changes

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LENGTH)

Field: SUBSCRIPTIONORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: MOVEMENTTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INTRASTATDECLARATION

Field: REPORTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: BATCHJOBREALLOCATION

Field: FROMTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TOTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: FROMJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TOJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: NEWTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: SEARCHREMINDERSELECTION

Field: FIRSTREMINDER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: LASTREMINDER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: LAYOUTNAME added

Relation: SEARCHINTERESTSELECTION

Field: FIRSTNOTE changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: LASTNOTE changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: LAYOUTNAME added

Relation: EMPLOYEEEREVENUEDISTHEADER

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: COMPANYVENDOR

Field: APPROVERACCESSINSTANCEKEY added

Relation: CONVERSATION

Field: CONVERSATIONTYPE added

Relation: INVOICEJOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

## Database Changes

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### Relation: ASSETENTRY

Field: ASSETADJUSTMENTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: INVOICEALLOCATIONJOURNALNUMB changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: METRIC

Field: FINANCEREPORTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: ITEMENTRY

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: DATAIMPORTPACKAGELINE

Field: ATTACHIMPORTFILENAME added

### Relation: INTCOMPINTERESTNOTEJOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: JOBHEADER

Field: BASEDONINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: LASTINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: BASEDONJOBINVOICEALLOCATIONN changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: REPORTINGSTRUCTURELINE

Field: DEBITCREDIT added

### Relation: REQUISITIONLINE

Field: REQUISITIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: PURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: UNREADMESSAGE

Field: SENDDATE added

Field: SENDTIME added

## Database Changes

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Relation: SETTLEMENTINVOICESPECIFICATI

Field: SETTLEMENTINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: JOBINVOICEONACCOUNTSELECTION

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: REENTRYJOURNAL

Field: FROMTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TOTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: JOURNALNUMBERFROM changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: JOURNALNUMBERTO changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: NEWTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: ITEMPURCHASELINE

Field: ITEMPURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: SALESORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: CUSTOMERRECONCILIATIONJOURNA

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: COMPANYUSERACTION

Field: CANSUBMITVENDORINVOICES changed name from CANRELEASEVENDORINVOICES

Field: CANAPPROVEVENDORINVOICES added

Field: CANSUBMITJOBBUDGETS added

Field: CANAPPROVEJOBBUDGETS added

Field: CANSUBMITDRAFTINVOICE added

Field: CANAPPROVEDRAFTINVOICE added

Field: CANSUBMITPURCHASEORDERS added

Field: CANSUBMITJOBQUOTES added

Field: CANAPPROVEJOBQUOTES added

Field: CANSUBMITGENERALJOURNALS added

Field: CANAPPROVEGENERALJOURNALS added

Relation: SUBSCRIPTIONORDERHEADER

Field: SUBSCRIPTIONORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: JOBFAVORITE

Field: AVAILABLEFORUPDATE added

Relation: MOVEMENTVOUCHER

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ITEMPURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: DELIVERYNOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: LISTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: SUPPLIERDELIVERYNOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: PRODUCTIONTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: PURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: DRAFTINVOICEJOB

Field: BASEDONINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: VENDORINVOICEJOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: PURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: DELIVERYNOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: JOURNALNUMBERREALLOCATION changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: COPYFROMJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: JOURNALNUMBERREFERENCE changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: APPROVERACCESSINSTANCEKEY added

Relation: EXPENSESHEETLINE

Field: EXPENSESHEETNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: PURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: COMPANYINFORMATION

Field: SYSTEMNUMBERPREFIX changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TRANSACTIONNUMBERPREFIX changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: PURCHASESERIALNOLINE

Field: ITEMPURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: CUSTOMER

Field: APPROVERACCESSINSTANCEKEY added

Relation: INVOICECUSTOMERSTATEMENT

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: DELIVERYNOTEBOMLINE

Field: DELIVERYNOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORIGINALORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: SUBSCRIPTIONORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INTRASTRATENTRYLINE

Field: REPORTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ITEMPURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INVOICE

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: BASEDONINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: LASTDELIVERYNOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: SUBSCRIPTIONORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: MAINORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: DOCUMENTARCHIVENUMBER added

## Database Changes

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Relation: VENDOROPENENTRYRECONCILIATIO

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: REMINDERLETTER

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: REVERSEJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: BARCODELINE

Field: DECLARATIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: REQUISITIONHEADER

Field: REQUISITIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: PRODUCTIONLINE

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: JOBPRIINVOICE

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: CANCELLEDONINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: UNCANCELLEDONINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: REPORTEDONINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: RECONCILIATIONJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: FINANCEREPORT

Field: REPORTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INVOICELINE

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORIGINALORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

## Database Changes

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Field: SUBSCRIPTIONORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: MAINORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: COMPANYCUSTOMER

Field: APPROVERACCESSINSTANCEKEY added

Relation: JOBINVOICEONACCOUNTRECONCILI

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: RECONCILINGINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: JOBINVOICEALLOCATIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: VATSETTLEMENTENTRY

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: PURCHASEVOUCHER

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: RECONCILIATIONVOUCHER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: DELIVERYNOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INTCOMPINTERESTCALCSPECIFICA

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: SEARCHSUBSCRINVSELECTION

Field: FROMSUBSCRIPTIONORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TOSUBSCRIPTIONORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: CUSTOMERPAYMENT

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)



## Database Changes

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Field: INPUTDATAMODENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: RECONCILETRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: EXPENSESHEETLINETARGETGROUP

Field: FROMEXPENSESHEETNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TOEXPENSESHEETNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: SALESLISTSYSTEMREPENTRY

Field: REPORTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: TIMESHEETHEADER

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: APPROVERACCESSINSTANCEKEY added

Relation: JOBBUDGETLINEPERIOD

Field: PARENTJOBBUDGETLINEINSTANCEK added

Relation: USERACTIONGROUP

Field: CANSUBMITVENDORINVOICES changed name from CANRELEASEVENDORINVOICES

Field: CANAPPROVEVENDORINVOICES added

Field: CANSUBMITJOBBUDGETS added

Field: CANAPPROVEJOBBUDGETS added

Field: CANSUBMITDRAFTINVOICE added

Field: CANAPPROVEDRAFTINVOICE added

Field: CANSUBMITPURCHASEORDERS added

Field: CANSUBMITJOBQUOTES added

Field: CANAPPROVEJOBQUOTES added

Field: CANSUBMITGENERALJOURNALS added

Field: CANAPPROVEGENERALJOURNALS added

Relation: OUTPUTDATAREMITTANCELINE

Field: OUTPUTDATANUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: REMINDERLETTERDRAFT

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: PURCHASEORDERHEADER

Field: PURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: PURCHASEORDERNUMBERCOPY changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

## Database Changes

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### IELDLENGTH)

Field: DELIVERYNOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: SALESORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: REQUISITIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: REQUESTFORQUOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: APPROVERACCESSINSTANCEKEY added

### Relation: INVOICEVATSPECIFICATION

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: ASSETDRAFT

Field: PURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: INVOICEALLOCATIONJOURNALNUMB changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: DISALLOWAUTOMATICBOOKDEPRECI changed name from MANUALDEPRECIATION

### Relation: CUSTOMERJOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: RECONCILIATIONJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: JOBPREINVOICEEVENT

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TIMEANDMATERIALINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: INVOICEJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: RECONCILIATIONJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: OUTPUTDATASPECIFICATION

Field: MODENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: DATAAGENT

Field: LASTMODENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: LASTEXPORTMODENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: SEARCHFINANCEREPORTOUTPUTDAT

Field: FROMREPORTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TOREPORTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: ASSETADJUSTMENT

Field: ASSETADJUSTMENTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: PACKINGLISTLINE

Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORIGINALORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: JOBBREALLOCATIONENTRY

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: JOBTTRANSFERJOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: VENDORRECONCILIATIONJOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: JOBPREINVOICERECONCILIATIONJ

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: CUSTOMERPAYMENTJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: WAREHOUSETRANSACTIONLINE

Field: DECLARATIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: MOVEMENTTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INVOICEALLOCATIONLINE

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

## Database Changes

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- Field: PURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)
- Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)
- Field: TRANSFERJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)
- Field: SUPPLIERDELIVERYNOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)
- Field: MOVEMENTTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)
- Field: REVERSED changed name from REALLOCATIONENTRY
- Field: REALLOCATION added

Relation: BUDGETJOURNALLINE

- Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

)

Relation: TARGETGROUPJOBACCRUAL

- Field: FROMPURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)
- Field: TOPURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: BARCODETRANSACTION

- Field: DECLARATIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: OUTPUTDATARECONCILIATION

- Field: OUTPUTDATANUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)
- Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: FINANCETEMPREPORT

- Field: REPORTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INTRASTATENTRY

- Field: REPORTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: WAREHOUSETRANSACTION

- Field: DECLARATIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)
- Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)
- Field: ITEMPURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)
- Field: PRODUCTIONTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

## Database Changes

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Field: MOVEMENTTRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INTERCOMPANYINVOICE

Field: SETTLEMENTINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: COMPENSATIONAGREEMENT

Field: DEPRECATEDVALUEOFAGREEMENTPA changed name from VALUEOFAGREEMENTPAYMENTCURRE

Field: DEPRECATEDVALUEOFAGREEMENTCU changed name from VALUEOFAGREEMENTCURRENCY

Field: DEPRECATDEXPECTEDVALUEOFAGR changed name from EXPECTEDVALUEOFAGREEMENTCURR

Field: DEPRECATEDNUMBEROFPAYPERIODS changed name from NUMBEROFPAYPERIODS

Field: TIMEUNITSOUTSIDENOMINALAGREE added

Relation: CUSTOMSDOCUMENTHEADER

Field: FROMORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TOORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: FROMMAINORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TOMAINORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: FINANCEREPORTLINE

Field: REPORTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: REFERENCEREPORTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INVENTORYCOUNTSERIALNUMBERLI

Field: LISTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: PRODUCTIONSPECIFICATION

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: COMPENSATIONCALCULATION

Field: FROMEMPLOYEEENNUMBER added

Field: TOEMPLOYEEENNUMBER added

Relation: INVOICEPRINTOUTLINE

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: JOBREALLOCATIONJOURNAL

## Database Changes

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Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: PURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: BUDGETJOURNALHEADER

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
)

Relation: EXPENSESHEETHEADER

Field: EXPENSESHEETNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: COPYFROMEXPENSESHEETNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: APPROVERACCESSINSTANCEKEY added

Relation: CUSTOMERACCRUALJOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: VENDORPAYMENT

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: OUTPUTDATANUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: VENDORENTRY

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORIGINALJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: JOURNALNUMBERREFERENCE changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: WITHHOLDINGTAX1CURRENCY changed name from CURRENTWITHHOLDINGTAX1CURRENCY

Field: WITHHOLDINGTAX2CURRENCY changed name from CURRENTWITHHOLDINGTAX2CURRENCY

Field: WITHHOLDINGTAX3CURRENCY changed name from CURRENTWITHHOLDINGTAX3CURRENCY

## Database Changes

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### Relation: INVOICEEDITINGHEADER

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 )  
 Field: BASEDONINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 Field: DOCUMENTARCHIVENUMBER added  
 Field: TOTALINVOICECURRENCY added

### Relation: APPRHIERARCHYRULEHEADER

Field: APPROVEDACCESSTICKETSEXPIRE added  
 Field: APPROVEDACCESSTICKETSDAYSTOE added  
 Field: UNAPPROVEDACCESSTICKETSEXPIR added  
 Field: UNAPPROVEDACCESSTICKETSDAYST added

### Relation: PAYPERIODCALENDARYEAR

Field: CALENDARYEARKEYSTRING removed

### Relation: JOBENTRYPAYMENTINFORMATION

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 )  
 Field: PURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 Field: JOBINVOICEALLOCATIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: SYSTEMINFORMATION

Field: ADMINISTRATORROLEINITIALIZED added  
 Field: EUROCURRENCY removed

### Relation: JOBINVOICEDISTRIBUTION

Field: LASTINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: SERIALNUMBER

Field: ITEMPURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 Field: DELIVERYNOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: BUDGETENTRY

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 )

### Relation: VATREPORTENTRY

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

## Database Changes

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)  
 Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INVENTORYCOUNTLINE

Field: LISTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 Field: MAINLISTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 H)

Relation: ITEMJOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 )  
 Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: VENDORPAYMENTJOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 )  
 Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: DELIVERYNOTETEXTLINE

Field: DELIVERYNOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: REQUESTFORQUOTEHEADER

Field: REQUESTFORQUOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 Field: REQUISITIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: JOBINVOICEONACCOUNT

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 )  
 Field: ONACCOUNTENTRYLINENUMBER added

Relation: INTERESTNOTE

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 )  
 Field: REVERSEJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: APPROVALHIERARCHYLINE

Field: SUBMITTERCANAPPROVE added

Relation: FINANCEENTRY



## Database Changes

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Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: INPUTDATAMODENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: INTERCOMPANYJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: EXPORTMODENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INVOICETEXTLINE

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INTCOMPINTERESTNOTE

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: JOBINVOICEINFORMATION

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: CUSTOMERENTRY

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: RECONCILIATIONJOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: WITHHOLDINGTAX1CURRENCY changed name from CURRENTWITHHOLDINGTAX1CURREN

Field: WITHHOLDINGTAX2CURRENCY changed name from CURRENTWITHHOLDINGTAX2CURREN

Field: WITHHOLDINGTAX3CURRENCY changed name from CURRENTWITHHOLDINGTAX3CURREN

Relation: INPUTDATAHEADER

Field: MODENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: DELIVERYNOTELINE

Field: DELIVERYNOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORIGINALORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: SUBSCRIPTIONORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

## Database Changes

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Relation: ORDERTEXTLINE

Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: ROYALTYJOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: SETTLEMENTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: BASESALARYRATECALCULATIONTAR

Field: FROMEMPLOYEENUMBER added

Field: TOEMPLOYEENUMBER added

Relation: PICKINGLISTLINE

Field: PICKINGLISTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: EMPLOYEEEREVENUEDISTLINE

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: ROYALTYSETTLEMENTLINE

Field: SETTLEMENTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: GROSSPAYCALCULATIONTARGETGRO

Field: PAYPERIODCALENDARYEAR removed

Field: PAYPERIODCALENDARPERIOD removed

Relation: SERIALNUMBERMOVEMENT

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: TIMESHEETLINE

Field: PURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: FINANCETEMPREPORTLINE

Field: REPORTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: ORIGINALREPORTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: JOBINVOICEALLOCATION

Field: JOBINVOICEALLOCATIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: BASEDONJOBINVOICEALLOCATIONNN changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

## Database Changes

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Field: REVERTEDBYJOBINVOICEALLOCATI changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: HOURTRANSFERRALELEMENT

Field: PURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: ITEMPURCHASEHEADER

Field: ITEMPURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: DELIVERYNOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: SALESORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: OUTPUTDATAHEADER

Field: OUTPUTDATANUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: BATCHSELFINVOICE

Field: FROMPURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TOPURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: JOBORDERASSIGNMENT

Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INTERESTNOTELINE

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: JOBACCRUALPLANLINE

Field: PURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: INTCOMPGRROUPINGJOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: PAYMENTAGENTINFORMATION

Field: LASTVENDORPAYMENTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: LASTCOLLECTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

## Database Changes

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DLENGTH)

Relation: BANKRECONCILIATIONLINE

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: OUTPUTDATANUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: CHANGEDCOSTPRICES

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: REMINDERLETTERLINERECONCILIA

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: JOBBUDGETLINE

Field: PURCHASEORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: REQUISITIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: GENERALJOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Field: INPUTDATAMODENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: ORDERVATSPECIFICATION

Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: QUOTATIONHEADER

Field: APPROVALGROUPINSTANCEKEY added

Relation: REMINDERLETTERTEXTLINE

Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: PAYPERIODCALENDARPERIOD

Field: PAYPERIODCALENDARYEAR removed

## Database Changes

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Field: PERIODKEYSTRING removed

### Relation: ASSETGROUP

Field: ASSETCOSTFACTOR added  
 Field: TAXDEPTABLENAME added  
 Field: YEARS added  
 Field: FIRSTYEARFACTOR added  
 Field: STRICTYEARLYLIMIT added

### Relation: INVOICESIGNATURE

Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 )  
 Field: PREVIOUSINVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: ASSETJOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 )  
 Field: ASSETADJUSTMENTNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: DELIVERYNOTE

Field: DELIVERYNOTENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 )  
 Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 )  
 Field: SUBSCRIPTIONORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 )  
 Field: MAINORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: JOBREVENUEJOURNAL

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 )  
 Field: TRANSACTIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: INVENTORYCHANGESPECIFICATION

Field: ORDERNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

### Relation: APPROVALHIERARCHYHEADER

Field: DEFAULTSUBMITTERCANAPPROVE added

### Relation: CALCULATEDCOMMISSION

Field: JOURNALNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)  
 )  
 Field: INVOICENUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

## Database Changes

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)

Field: COMMISSIONCALCULATIONNUMBER changed type from INTEGER to VARCHAR(FULLFIELDLENGTH)

Relation: APPROVERACCESSHEADER (new)

Relation: APPROVERACCESSTICKET (new)

Relation: ASSETGROUPLINE (new)

Relation: JOBINVOICECREDITING (new)

Relation: DAILYCHECKINHEADER (new)

Relation: DAILYCHECKINENTRY (new)

Relation: JOBBUDGETLINEPERIODSUM (new)

Relation: ALLOCATEDEXCHANGERATEVARIANC (new)

Relation: OPENVENDORENTRYRECONCILIATIO (new)

Relation: VENDORUNSPSCLINE (new)

Relation: UNSPSCHEADER (new)

Relation: UNSPSCLINE (new)

Relation: TAXDEPTABLELINE (new)

Relation: TAXDEPTABLEHEADER (new)

## Known Issues

The following is a summary of issues that are new for 2.5. Refer to the relevant section below for details.

### Maconomy

- Remark Is Not Read When Rejecting Line in Approvals Workspace (1208728)
- Unable to Modify Fields in Job Quote Lines (1211946)
- Maconomy System Error When Deleting Main Job (1132558)
- Update Site does not work because of plug-in refactoring error (1218198)

### iAccess

- Important Information Missing from Search Layouts (1100156).
- Cannot Use Azure and 2FA Simultaneously in iAccess (1118275)

### Touch

- Error When Selecting a Favorite with a Slash in its Name (858702)
- Inconsistent Values in the Approval Counter and Actual Count of Items for Approval (942863)
- Receipt Names with Special Characters Not Displaying Properly in REST (1144092)
- Cannot Log On to Touch using Maconomy 2.5 on OEL and Apache 2.4.6 (1201901)
- Cannot Save a Receipt Attachment with 500 KB or Large File Size (1066979)
- Cannot Log On to Deltek Touch When a Week Calendar is Missing (739573)

### BPM

- NSAFT: Incorrect Transaction Type for General Ledger Entries (1121187)

## Application

### Remark Is Not Read When Rejecting Line in Approvals Workspace

#### Defect 1208728 (Sev 3)

**Description:** If users attempt to reject a General Journal Line through the Details assistant panel of the All Approval Actions assistant in the Approvals By Employee workspace, they will get an error message telling them they must enter a remark in the remark field. They will get this error message even if they have already put in a remark.

**Workaround Before Fix:** The workaround is available to reject to general journal in the main screen, rather than the Details assistant panel.

### Unable to Modify Fields in Job Quote Lines

#### Defect 1211946 (Sev 3)

**Description:** If users attempt to change the billing price or quantity on an approved job quote, they will get an error message saying these fields cannot be changed after the quote has been approved. This happens even if the approval hierarchy for job quotes allow changes after approval for these fields.

**Workaround Before Fix:** The workaround is available to “reopen” the record from approval by making a change to other fields, as ordinary, and when the record reopens, simply change the fields for billing price or quantity as needed. Note that this unsubmitted the job quote.

## Maconomy System Error When Deleting Main Job

### Defect 1132558 (Sev 3)

**Description:** Users get a system error upon deleting a main job, which previously had a sub-job, when both jobs had "Blanket Invoice" enabled (see Information in Jobs workspace) and Invoice Layout, which includes “Main Job Invoicing” enabled (see Invoice Layout Rules workspace). It happens when the system parameter **Blanket invoicing per main job** is enabled (see Parameters and Numbers in System Setup workspace).

**Customers Impacted:** Customers using blanket invoicing per main job.

**Workaround Before Fix:** None.

**Note:** While there is no workaround, the error pertains to deleting a job, which is usually only possible after the job is closed and has no job entries. This means that such closed empty jobs will remain in the system until the bug correction.

## Absence Entry Allowance Request May Erroneously Process with Blank Time Unit

### Defect 915333 (Sev 3)

Absence allowance request registrations and absence allowance registrations with a blank time unit may in error be prepared, submitted, and approved.

This cannot be used, but the employee’s absence information will count this in the available allowance. As a result, the employee’s absence allowance is displayed incorrectly.

When the employee registers an absence, only the absence allowance with a specified time unit is used.

## Multiple Warnings are Not Displayed When Submitting Requests

### Defect 805207 (Sev 3)

An option in the REST API enables you to choose whether warnings or confirmation messages should not display before you submit an updated record.

If you want to display warnings or confirmation messages, you need to rerun the request.

If multiple warnings or confirmation messages occur when the REST API is set to reject them, only the first warning will display.

This also occurs when updating records in iAccess.

## Expense Justification Not Working Correctly

### Defect 778877 (Sev 2)

When using the expense justification standard extension, you can set up the system so that expense justification is required for certain types of tasks when registering expenses. It is currently possible to submit an expense sheet even though there are lines that still require the employee to fill out expense justification. Furthermore, the warnings that are used to indicate which lines require expense justification are not working correctly.



## Inability to Finalize Upgrade from Maconomy 2.2.3 or 2.2.4

### Defect 735624 (Sev 2)

Customers who have a new installation of Maconomy 2.2.3 or 2.2.4 and then upgrade to 2.3 LA or 2.3 GA are unable to finalize the upgrade due to uniqueness constraint errors during upgrade from the new installation. The upgrade data conversion error occurs when uniqueness constraints are reapplied during the later stages of the upgrade.

The error is:

"ADD CONSTRAINT UQJOBPARAMETER UNIQUE (JOBPARAMETERNAME) \* ERROR at line 2: ORA-02299: cannot validate (W190.UQJOBPARAMETER) - duplicate keys found"

## Updating Multiple Customers' Background Tasks Causes Freeze

### Defect: 726012 (Sev 3)

When running background tasks that update customers, updating multiple customers simultaneously could case the system to freeze. After, the background task also fails and this can be seen in the background task administration view.

**Workaround:** Break the relevant background tasks into smaller tasks. This problem has mainly been observed on Maconomy systems that are pressed for resources.

## Incorrect Task List When Reallocating Entries

### Defect: 577571 (Sev 3)

In the "Reallocate Selected Entries" wizard, in Invoice Selection in the Jobs workspace, a Job No. and a Task can be entered. Searching (with Ctrl+G) on the task should only show tasks that belong to the selected job.

However, if the user types a job number and presses Tab to move to the Task field, then the Ctrl+G search will show an invalid list of tasks belonging to the previously entered job or to the job selected in the Jobs workspace.

## iAccess

## Important Information Missing from Search Layouts

### Defect: 1100156

**Browsers:** IE11, Chrome, Safari, and Firefox

**Description:** Due to technical limitations in the iAccess framework, some CTRL+G search layouts are missing relevant information.

**Customers Impacted:** All clients.

**Workaround Before Fix:** Create a java extension to extend the search layouts with more information.

## Cannot Use Azure and Maconomy 2FA Simultaneously

### Defect: 1118275 (Sev 3)

**Browsers:** IE11, Chrome, Safari, and Firefox

**Description:** If you enable both Azure and Maconomy 2FA, iAccess displays the following error message: "Authentication Error: Domain login failed".

**Customers Impacted:** All clients.

**Workaround Before Fix:** Enable one authentication system only.

## Touch

### Incorrect Authentication App Displayed After Tapping the Two-Factor (2FA) Authentication App Link

**Deltek Tracking:** 1192429

**Description:** If you tapped the two-factor authentication app hyperlink, Touch would select a different authentication app from the one you selected during enrollment. This issue happened when you try to log on again after the bypass period.

**Customers Impacted:** This defect affected Deltek Touch for Maconomy users who were using 2FA authentication and had multiple authentication apps installed on the mobile device.

**Workaround Before Fix:** Take the following actions:

1. Close the authentication app from the link.
2. Open the one you selected upon enrollment.
3. In your selected app, generate a code manually.

**Additional Notes:** If the 2FA authentication has been configured to allow bypass, you only need to enter your PIN or use your finger print to log on again during the bypass period. When the bypass period lapses, Touch prompts you for your 2FA One-Time Password (OTP) again.

### Error When Selecting a Favorite with a Slash in its Name

**Defect:** 858702

**Description:** If you tried to select a favorite with a slash ("/") in its name on an expense sheet line, an error message would display.

**Customers Impacted:** This defect affected Deltek Touch for Maconomy users who were using REST and had favorites with "/" in their names.

**Workaround Before Fix:** Rename the favorite in Maconomy core.

**Additional Notes:** None.

## Inconsistent Values in the Approval Counter and Actual Count of Items for Approval

**Defect: 942863**

**Description:** In some cases, the value that displays in the approval counter does not match the actual count of items in the approval list. This inconsistency can happen when you reopen a timesheet but do not submit it yet; the timesheet header in some places in Touch and Workspace Client already displays as ready for approval.

**Customers Impacted:** This defect affects Deltek Touch for Maconomy users who have approval rights.

**Workaround Before Fix:** None.

**Additional Notes:** None.

## Receipt Names with Special Characters Not Displaying Properly in REST

**Defect: 1144092**

**Description:** If you attach a receipt to a new or an existing expense sheet and you try to use any special character in the **Receipt Name** field, Touch for Maconomy does not display the receipt name properly.

**Customers Impacted:** This defect affects all Deltek Touch for Maconomy users who are using REST Web services.

**Workaround Before Fix:** None.

**Additional Notes:** None.

## Cannot Log On to Touch using Maconomy 2.5 on OEL and Apache 2.4.6

**Defect: 1201901**

**Description:** If the Maconomy 2.5 application is installed on the Oracle Enterprise Linux (OEL) and Apache 2.4.6 Web server and you try to log on to Touch, an error message displays.

**Customers Impacted:** This defect affects Deltek Touch 3.4 for Maconomy 2.5 users who have installed the Maconomy Web server on OEL and Apache 2.4.6

**Workaround Before Fix:** Disable the mod\_security.config Apache setup file.

**Additional Notes:** None.

## Cannot Save a Receipt Attachment with 500 KB or Large File Size

**Defect: 1066979**

**Description:** If the file size of the receipt that you want to the **Expense Sheet** or **Expense Sheet Line** screen is 5000 KB or bigger, an error message would display.

**Customers Impacted:** This defect affects Deltek Touch Time for Maconomy users who are using the MScript Web service.

**Workaround Before Fix:** Deltek recommends that you take one of the following actions:

- If you are using Maconomy 2.3 or higher, you must use REST Touch (at least for the expense sheets) to be able to attach files.
- If you are using Maconomy 2.2 or lower and encountering issues with attaching files in MScript Touch, try to reduce the value of the MaxAttachmentFileSize settings.

**Additional Notes:** None.

## Cannot Log On to Deltek Touch When a Week Calendar is Missing

**Defect: 739573**

**Description:** If there is a missing week calendar and you try to log on to Deltek Touch, an error message displays.

**Customers Impacted:** This defect affects Deltek Touch for Maconomy users who are using REST.

**Workaround Before Fix:** The week calendar should be created in Maconomy.

**Additional Notes:** None.

## BPM

### NSAFT: Incorrect Transaction Type for General Ledger Entries

**Deltek Tracking: 1121187, Sev. 3**

The **Transaction Type** field for General Ledger Entries currently does not show in the data export, and in cases that it does show, it shows an incorrect value.

### Cash Flow Report Name Not Changed in Workspace Client

**Deltek Tracking: 1169686, Sev. 3**

While the Cash Flow Statement report is renamed to Cashflow Statement with Budget in SAP Business Objects, the report retains its former name, Cash Flow Statement report, in Workspace Client.

### Incorrect Data in BETA Cashflow Statement Indirect Method Report

**Deltek Tracking: 1187815, Sev. 3**

The new BETA Cash Flow Statement Indirect Method Report shows incorrect data.

## SIE Report Fails When Retrieving Large Data

**Deltek Tracking:** 1118496 (Sev 2)

**Description:** When the SIE Report is run and large data is involved, the background task fails, returning this error: **Server error calling database function 'db:Select': Software caused connection abort: socket write error.**

**Customers Impacted:** Affects Swedish customers.

**Workaround Before Fix:** None.

## Calculation of Tax Amounts May Include Rounding Errors

**Deltek Tracking:** 1036536 (Sev 2)

**Description:** The calculation of Tax amounts in the Tax reports that use the Tax Settlement universe may have rounding errors due to an incomplete data foundation in Maconomy.

**Customers Impacted:** All.

**Workaround Before Fix:** None.

## Reconciled Credit Memos are Incorrectly Summarized in Certain Circumstances

**Defect 913945 (Sev 3)**

In the Cash Receipts by Invoice tab in both Cash Receipts and Cash Receipts by Account Manager reports, the line for a reconciled credit memo is incorrectly summarized into the invoice when the credit memo has an invoice date that is the same as the invoice date of the original invoice.

## Incorrect Amount on WIP Aging Report Balance

**Defect 915997 (Sev 2)**

The total balance amount in the WIP Aging Report is incorrect if you use an open-ended date. This error occurs because the WIP Aging report is limited to showing amounts only for the year of the entered statement date.

## Section / Table Does Not Display in Trial Balance Analysis

**Defect 771101 (Sev 2)**

Currently, the Section / Table does not display in the Trial Balance Analysis. Only the Currency and Company No. & Name display.

### Workspace Links Were Removed

Two reports previously had links to a workspace in the Workspace Client that were removed for technical reasons. However, the reports remain fully functional.

The reports are:

- Client Profitability
- Client Profitability Comparison, by Customer

In CPA Solution these reports are called:

- Client Profitability
- Client Profitability Comparison, by Client

## Axis Values of Charts in Analysis Documents Display Data in ###0 Format Instead of Real Data

### **Defect: 581946 (Sev 3)**

The following Analysis documents have charts where their axis values are displayed as #,#0 (and the like), and do not present real data:

- Management Overview, Year to Month
- Profit and Loss with Forecast
- Profit and Loss Periodical Analysis
- Sales Person Overview, Year to Month

This can be fixed by deleting (clicking **Apply**) and reassigning (clicking **Apply » OK**) the objects to the charts.

## Parameter for the Local Spec. Prompts Are Not Passed onto the PDF report in Check Register

### **Defect: 581176 (Sev 3)**

When users generate a PDF of the Check Register report, the Local Spec. prompts are left blank in the PDF (even if these fields were filled out).

This issue is also encountered in reports that are opened in Live Report and Launchpad.

## Tax Settlement Report Excludes Tax Exempt Entries Without Tax Codes

### **Defect: 892217 (Sev 3)**

The Tax Settlement report does not display entries without tax codes that are considered as tax exempt in nature in Maconomy.

## General

### Uploading Text File to Security Filecheck May Cause System Fail

#### Defect 1172551 (Sev 2)

In some specific cases, a file is not recognized as a simple text file, which could prevent it from being uploaded to Maconomy, and thus could cause a system fail.

**Workaround:** Renaming the file to have a .txt extension might help, or modifying the content.

### Foreign Key Search Not Working on Date Fields

#### Defect 749999 (Sev 2)

The foreign key search is not working on date fields.

**Workaround:** For consultants, use a string conversion for the date field.

### Cannot Open BPM Report PDF with Non-English Locale

#### Defect 769447 (Sev 2)

BPM report PDFs do not display in the Workspace Client if the name of the report in the MDML layout does not match the localized name of the report on the Business Objects server, according to the Preferred Viewing Locale (PVL) configured on the BO server.

Workaround: All standard report names in Maconomy are in English, so to use them, specify the browser's Language Preference and set the PVL on the BO server to use the browser locale. For example, in Internet Explorer, go to **Internet Options > Language Preference**, then click **Add** to choose the needed local language, such as French, as the selected language. As a result, PDFs successfully load via WSC, though only in English (not localized). If you need to generate a localized PDF report, you can instead generate the PDF from BI Launchpad.

### Slowed Performance When Creating Jobs Using MSL

#### Defect 725952 (Sev 2)

Some user interactions are slow compared with previous releases, particularly when creating jobs using MSL.

### Unnecessary Error Occurs During Installation

#### Defect 577837

When performing a APU upgrade using version 2.2.3 or later of the Maconomy Server, a PPU\_Warning related to popup values might appear in the PPUDebug file as PPU\_Warning. These messages are expected during the APU upgrade process as the database is temporarily in a state that this neither the old version nor the new version.

The messages are may resemble:

PPU\_Warning:

Unknown typename '<typeName>', please contact customer care to update the POPUPTYPE and POPUPITEM tables to be consistent with the type definitions

Program name: <pathToServer>MaconomyServer.exe  
 Version string: <serverVersion>  
 Process Id: <processId>  
 Client type: <unknown>  
 Database type: <databaseType>  
 Ini file prefix: MaconomyServer.<systemName>  
 Shortname: <shortName>

As a workaround, ignore the messages and continue the installation.

## Environment Creation During Notification Recalculation Can Be Done for Wrong User

### Defect: 576762

If a Coupling Service is configured with user credentials for scheduled background notification recalculation, then it is the username of this user that is used when calculating the user environment, instead of the actual username of the target user.

This impacts all users using scheduled background notification recalculation.

As a workaround, disable scheduled background notification recalculation and remove the configured background user credentials.

## Long Wait on Windows Calls

### Defect: 547865

Some users experience a long execution of native Windows calls, which is identified as related to some of the other products that they have installed on their machines. This happens only in particular circumstances.

## Missing Check for Entry of Amounts

### Defect: 22896

There is a missing check for entry of amounts, which means that extremely large amounts entered in the system may be interpreted incorrectly.

## MPL Fontname Attribute Error

### Defect: 22914

In MPL, the fontname attribute takes no effect for Canvas and Island tags.

## BPM Silent Sign In

After Silent Sign In has been initiated, it is valid until the browser has been closed. This is problematic if you log out of the Maconomy portal, log in as another user, and then run reports. In this case, reports will be empty as the user will have the Silent Sign In authentication from the user who was previously logged in.



The solution to this is to close the browser before logging in as another user.

## Truncated Layouts

The Week Total field is inappropriately truncated. For example, the system displays “237...” instead of “237.50,” even if there is space enough to display the full number.

As a workaround, maximize the client or alter the layout to accommodate a smaller screen.

## No Re-Load for Workspace Client on Windows 8

On Windows 8 and Windows 8.1, the Workspace Client may not always close completely when you exit. In case the Workspace Client cannot start after a previous use, please ensure that no Workspace Client instances are running in the background.

## MPL Unsupported Characters

MPL does not print the characters that are not supported by the currently used font. These unsupported characters are removed from the printouts, rather than printing unknown characters. For example, the Russian word for Project is printed as “poet” instead of “□poe□” (the latter shows as most other systems print an unsupported font).

As a workaround, you can purchase a font that supports the special characters that are needed.

## Cancelling Login Displays Blank Screen

When you cancel a login rule or lose a login session, it does not lead to an Access Denied response, as expected. Instead, the system displays a blank screen. For example, if you log into Kona via Workspace Client, and then click **Cancel** on the login dialog, a blank screen displays, rather than an “Access Denied” message.

As a workaround, close and re-open Workspace Client and log in again.

## Access Control in Analyzer Reports

This elaborates on the consequences of the fix of ticket 12479.

After installing, you can encounter the following warning when trying to run an Analyzer report:

"The report <reportName> cannot be run, as there is no access"

This warning indicates that the user does not have access to run the report in question. This access check is new, as the previous versions of Maconomy did not check if a user had access to a particular Analyzer report before running it.

This can result in existing users losing access to Analyzer reports to which they previously had access.

The solution in all cases is to update the group(s) defining the access rights to the analyzer reports.

Two scenarios will be particularly common:

1. The user has imported Analyzer reports to which she or he no longer has access. The remedy in this situation is to add the appropriate groups to the user having problems, or, if no suitable groups exists, to add the Analyzer reports needed to the appropriate groups or create a group containing the Analyzer reports needed and add the new group to the user having problems.
2. The user uses Analyzer reports in the Maconomy portal to which she or he no longer has access. The remedy in this situation is to update the groups of which the Analyzer reports are part and change the "Access from" column from "API only" to blank (allowing both "API" and "Client")

access). Please note that updating the lines in the "Groups" window is performed by first deleting the line to be updated and then creating a similar line with the appropriate changes.

## Transcoding Service Error

This further elaborates on the consequences of the fix of ticket 12615.

After installing, you can encounter the following error message when attempting to start the Maconomy server on Linux/Unix platforms:

"Could not load a transcoding service"

This is because the Maconomy server is trying to create a "transcoding service" for converting characters between Unicode and other character sets and this fails. One reason this can fail is if one or more of the shell environment variables:

`LC_ALL LC_CTYPE LANG`

refers to a character set name which is not supported by the OS. For example, if the environment variable refers to ISO8859-1 and the OS expects ISO-8859-1 then the Maconomy Server may fail during startup. The solution in such cases is to update the appropriate shell setup file(s) (for example, ".bashrc" or ".tcshrc") and use the correct character set name.

## Maconomy Client for the Java™ Platform

### Import of Files

When importing files in the Java client, make sure that the character set used in the file corresponds to the character set implied by the "Regional and language option" in the control panel. For example, if "Polish" has been selected in the "Standard Formats," then the Danish characters "æ," "ø," and "å" cannot be imported correctly.

### Secure Sockets Layer

### Performance

A potential performance problem exists in connection with SSL. Starting a new server, for example, after a client timeout, takes a longer time with SSL enabled due to the key generation which is performed. In order to increase performance while running SSL, you can increase the server lifetime in the CGI pool by adjusting the setting LogoutSeconds in the WebDaemon .I file as described in the "Server Options" chapter of the Maconomy System Administrator's Guide.

The value of the LogoutSeconds setting should be higher than the average time between logins to the Portal on a working day. For instance, if users on average log in to the Portal four times an hour, LogoutSeconds should be set to at least 900 seconds (calculated as 1/4 login per hour = 1/(4/3600) logins per second = 3600/4 sec./login = 900).

## Ctrl-G and Ctrl-F Not Functional in Java Analyzer and Java Applets in Portal

### Defect: 619112 (Sev 2)

CTRL+G in the Java Analyzer (in the Workspace Client), and CTRL+G and CTRL+F in Portal applets are not working, so the user cannot use these to search for data.

This only affects Maconomy systems running on the Oracle database.

## Known Issues

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It is possible to type the needed value directly in the fields.



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