Deltek Maconomy® 2.5 CU 20

Cumulative Update Release Notes

September 2, 2022

Contents

Overview

The Maconomy 2.5 Cumulative Update (CU) 20 release includes all the software issues resolved and enhancements that were made in this version, as well as software updates introduced in earlier CUs. The software changes from earlier CUs are listed in a separate section in these release notes.

Custom Programs Affected

Sometimes an update can cause custom programs and reports to stop working as expected. Before applying this update, consider whether you have any custom programs or reports in the application areas affected by the update. If so, contact Deltek Customer Care at http://support.deltek.com before you install the update.

Download the Cumulative Update

1. From Internet Explorer, go to https://dsm.deltek.com.
2. Click **Run Deltek Software Manager**.
3. Log in using your Deltek Customer Care Connect credentials.
4. In the left pane of the Deltek Software Manager, expand your Deltek product.
5. Expand the Cumulative Updates folder for your product, and select the update to download.
6. Click **Download** at the bottom of the screen.

Check Whether or Not the Cumulative Update is Installed

To check that the update is installed, complete the following steps:

1. On the Maconomy toolbar, click **Help » About**.
2. On the About Deltek Maconomy dialog box, click the **Details** button.

Technical Considerations

Statutory Updates

For further information on Statutory installation and updates, see the Deltek Maconomy BPM Admin Guide.

More Information

If you have any questions, please contact Deltek Customer Care at https://support.deltek.com.

Cumulative Update 20 — Sep. 02, 2022

Release Summary

New files released	Filesize	Checksum
DeltekMaconomyWSClient25GACU20.zip	581448 KB	**MD5:** 5e0d13453cb6aa7b88ab08a3aac4cefd
rpu.21.sp100.cu020.0597669.s-cpa.zip	115093 KB	**MD5:** 8510ee89574311d9f57bcf51bfe8da27
rpu.21.sp100.cu020.0597669.s-std.zip	116055 KB	**MD5:** 7e1938439e9a79907a465c73c6c3c426
tpu.21.sp100.cu020.0597981.arch-linux_x86-64.tgz	786748 KB	**MD5**: 52069df4dc90a3b44382cd33b4adfa68
tpu.21.sp100.cu020.0597981.arch-win32_x86-64.tgz	743210 KB	**MD5**: c6fb7b210bf1f5fcce89e96b7e7d83b7
Other current CU files*	**Filesize**	**Checksum**
fpu.iAccess.3.0.11-final-577046.tgz	32995 KB	**MD5:** 57db79d34723ddc835b1ac1299ca8b7d
apu.21.sp100.cu019.0585234.zip	888079 KB	**MD5:** adc1249a6d5e615be6cb162140edd333

*These files were released as part of a previous update but still apply to the latest CU.

Support Cases

The following resolved software issues are related to support cases:

- 1580034— Error in EmailOnAction

Important TPU Notes for CU 20

The Workspace Client from CU20 is required for this update.

Deltek recommends that you always install the latest version of the Workspace Client in order to ensure compatibility with the most recent CUs.

Software Issues Resolved – Technology (TPU)

Error in EmailOnAction

Deltek Tracking: 1580034

An error in the EmailOnAction (used to send e-mails after performing some action in Maconomy, possibly with documents resulting from the embedded action being attached) meant that if an error occurred during sending of an email, the document to be attached could be attached to another mail (for a potentially different recipient). This error has now been fixed.

Table Line Update Fails with REST API Internal Server Error

Deltek Tracking: 1592956

Previously, updating a field in a table line failed with an internal error. Users would then have to refresh and try again. For REST integrations, this resulted in in the REST API returning 500 "Internal Server Error". In the maconomy.log, "Illegal state: No record value available in container executor" was noted. This error is corrected.

Moving Tables Rows Causes Server Crash

Deltek Tracking: 1637900

In the Spec. of Output Data Records dialog, MaconomyServer previously crashed when moving lines up and down or in and out. Sometimes the move was not performed at all. This error is corrected.

Software Issues Resolved – BPM

Incorrect Value in First Year-Period of Quarter

Deltek Tracking: 1413861

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

Incorrect Join in Utilization Universe

Deltek Tracking: 1611662

The join condition for the EMPLOYEEREVISION_D table to COUNTRY table was incorrect. It joined country name and country number, which had incompatible data types. This error is corrected such that the system uses the COUNTRYPN in EMPLOYEEREVISION_D, instead of the COUNTRY field.

Cumulative Update 19 — Jan. 07, 2022

Release Summary

New files released	Filesize	Checksum
apu.21.sp100.cu019.0585234.zip	888079 KB	**MD5:** adc1249a6d5e615be6cb162140edd333
tpu.21.sp100.cu019.0585027.arch-linux_x86-64.tgz	785746 KB	**MD5:** 905deff7cfa7432ba644b4b585976330
tpu.21.sp100.cu019.0585027.arch-win32_x86-64.tgz	742212 KB	**MD5:** 95fb7b0259c5a6a18713508ae69d1238
DeltekMaconomyWSClient25GACU19.zip	580421 KB	**MD5:** 4ffad36a3b1857a6112c1874ed157171
Other current CU files*	**Filesize**	**Checksum**
rpu.21.sp100.cu016.0572333.s-cpa.zip	114904 KB	**MD5:** 914199fc3c6fb1e758dd64f47a749b9f
rpu.21.sp100.cu016.0572333.s-std.zip	115326 KB	**MD5:** 616205f9fd582da5f0b2bd86dd25f2f5
fpu.iAccess.3.0.11-final-577046.tgz	32995 KB	**MD5:** 57db79d34723ddc835b1ac1299ca8b7d

These files were released as part of a previous update but still apply to the latest CU.

Support Cases

The following resolved software issues are related to support cases:

- 1552371— AC-Views Performance Issues

Important TPU Notes for CU 19

The Workspace Client from CU19 is required for this update.

Deltek recommends that you always install the latest version of the Workspace Client in order to ensure compatibility with the most recent CUs.

Software Issues Resolved – Technology (TPU)

AC-Views Performance Issues

Deltek Tracking: 1552371

AC-Views added with previous CUs resulted in Oracle performance issues. This error is corrected.

Cumulative Update 18 — Sep. 17, 2021

Release Summary

New files released	Filesize	Checksum
apu.21.sp100.cu018.0580375.zip	886699 KB	**MD5:** e50ef00d3613c45368b27c1dc6ff9df8
tpu.21.sp100.cu018.0579647.arch-linux_x86-64.tgz	784553 KB	**MD5:** 04823d2c0584da48a39c36dcb15584d8
tpu.21.sp100.cu018.0579647.arch-win32_x86-64.tgz	740928 KB	**MD5:** 202d6f7afe01baf228a11ef72b94086a
DeltekMaconomyWSClient25GACU18.zip	579157 KB	**MD5:** 5722d66b015385d65308f81a2da41cf6
Other current CU files*	**Filesize**	**Checksum**
rpu.21.sp100.cu016.0572333.s-cpa.zip	114904 KB	**MD5:** 914199fc3c6fb1e758dd64f47a749b9f
rpu.21.sp100.cu016.0572333.s-std.zip	115326 KB	**MD5:** 616205f9fd582da5f0b2bd86dd25f2f5
fpu.iAccess.3.0.11-final-577046.tgz	32995 KB	**MD5:** 57db79d34723ddc835b1ac1299ca8b7d

*These files were released as part of a previous update but still apply to the latest CU.

Support Cases

The following resolved software issues are related to support cases:

- 1507339— "Beta" Indicator in Splash Screen of 2.5 Workspace Client
- 1484041— Duplicate Fragments After Updates Led to Incorrect Load Behavior

Important TPU Notes for CU 18

The Workspace Client from CU18 is required for this update.

Deltek recommends that you always install the latest version of the Workspace Client in order to ensure compatibility with the most recent CUs.

Software Issues Resolved — Technology (TPU)

"Beta" Indicator in Splash Screen of 2.5 Workspace Client

Deltek Tracking: 1507339

There was previously a "Beta" indicator on the splash screen of the final build of the 2.5 Workspace Client. This error is corrected.

Duplicate Fragments After Updates Led to Incorrect Load Behavior

Deltek Tracking: 1484041

Browsers: Chrome, Safari, and Firefox

The Workspace Client did not load updated bundles correctly. This caused certain types of updates to not be applied properly. This is now corrected.

Incorrect Employee Category in Time Sheets

Deltek Tracking: 1512459

When you selected the **Keep Line** check box on a time sheet line on a previous time sheet, the employee category could be wrong on the lines created in the following time sheets if the primary employee category had changed for the employee. This error is corrected. It is also worth noting the following when changing primary employee category on an employee:

- Time sheet lines are changed going up to 12 weeks back. Time sheet lines prior to that are not changed.

- Time sheet lines that are submitted or transferred for posting are not changed. A warning displays if such lines exist when changing the primary employee category on the employee.

Cumulative Update 17 – Jun. 25, 2021

Release Summary

New files released	Filesize	Checksum
apu.21.sp100.cu017.0575207.zip	886424 KB	**MD5:** e77d233f7a6fe0139353c96e8eb13bd4
tpu.21.sp100.cu017.0576826.arch-linux_x86-64.tgz	792959 KB	**MD5:** 522dd1e4d274f21f0211fea5fa87b338
tpu.21.sp100.cu017.0576826.arch-win32_x86-64.tgz	740946 KB	**MD5:** 9daebcf054c4fa3fd8d86dafc39d4488
DeltekMaconomyWSClient25GACU17.zip	579179 KB	**MD5:** d2e59bc38aaa209dc0bcffb37a91cafb
fpu.iAccess.3.0.11-final-577046.tgz	32995 KB	**MD5:** 57db79d34723ddc835b1ac1299ca8b7d
Other current CU files*	**Filesize**	**Checksum**
rpu.21.sp100.cu016.0572333.s-cpa.zip	114904 KB	**MD5:** 914199fc3c6fb1e758dd64f47a749b9f
rpu.21.sp100.cu016.0572333.s-std.zip	115326 KB	**MD5:** 616205f9fd582da5f0b2bd86dd25f2f5

*These files were released as part of a previous update but still apply to the latest CU.

Support Cases

The following resolved software issues are related to support cases:

- 1429746— Incorrect Purchase Amount on Job Budget Line
- 1465688— Server Crashes When Running ImportJobsOld from Mscript or Portal

Important TPU Notes for CU 17

The Workspace Client from CU17 is required for this update.

Deltek recommends that you always install the latest version of the Workspace Client in order to ensure compatibility with the most recent CUs.

Software Issues Resolved – Application (APU)

Incorrect Purchase Amount on Job Budget Line

Deltek Tracking: 1429746

Previously, the purchase amount on a job budget line were not updated correctly if you closed, credited, and reopened a purchase order. This increased the purchase amount. This error is corrected.

Optimized Access Control Views

Deltek Tracking: 1468660

Access control views are now optimized to improve performance.

Software Issues Resolved – Technology (TPU)

Server Crashes When Running ImportJobsOld from Mscript or Portal

Deltek Tracking: 1465688

When the stand-alone program ImportJobsOld or other similar old import programs were previously invoked from MScript, the server crashed. This error is corrected.

Software Issues Resolved – iAccess

Field Reversion Not Reflected in iAccess

Deltek Tracking: 1479895

Browsers: IE11, Chrome, Safari, and Firefox

If a field was previously changed by the user in the iAccess UI, but the application logic reverted it to the original value upon saving, then the field still appeared with the changed value in the UI and the workspace had unsaved changes. This error is corrected.

Cumulative Update 16 — Apr. 9, 2021

Release Summary

New files released	Filesize	Checksum
apu.w2100.sp100p.zip	886178 KB	**MD5:** dd89202846a1097379526a3d26ed9fd7
tpu.LINUX.21_0.p100p.tgz	792898 KB	**MD5:** 6bb72005b6cd6bad7c87fc4e30804c4a
tpu.NTx86.21_0.p100p.tgz	740932 KB	**MD5:** c376b41be33c3befa5bf4ea92cc289b6
DeltekMaconomyWSClient25GACU16.zip	579170 KB	**MD5:** 58434aca60344d60a45fd1183303d75c
fpu.iAccess.3.0.10-final-571860.tgz	32991 KB	**MD5:** aa044bea4461e70fec956b37de961cf1
rpu.21.sp100.cu016.0572333.s-cpa.zip	114904 KB	**MD5:** 914199fc3c6fb1e758dd64f47a749b9f
rpu.21.sp100.cu016.0572333.s-std.zip	115326 KB	**MD5:** 616205f9fd582da5f0b2bd86dd25f2f5

Support Cases

The following resolved software issues are related to support cases:

- 1388392— Posting Error When Invoice Currency Is Different From Job Currency
- 1417779— No Spellcheck on 64-Bit Windows Workspace Client
- 1423698— Incorrect Draft Invoices for Auto-Calculated Surcharges at Invoicing on Account
- 1430734— Data Changed Error in Time Sheets Triggered by Change in "timeoflatestchange" Field

Important TPU Notes for CU 16

The Workspace Client from CU16 is required for this update.

Deltek recommends that you always install the latest version of the Workspace Client in order to ensure compatibility with the most recent CUs.

Software Enhancements – Technology (TPU)

Printing Right-to-Left Languages

Deltek Tracking: 1388988

Maconomy 2.5 CU16 introduces the capability to print languages that are natively read from right to left, such as Arabic. Previous to this release, Maconomy supported entering and displaying data in right-to-left languages, but the Maconomy Print Language (MPL) did not support the correct printing of such text.

With this enhancement, companies can now do the following

- Configure Maconomy to print data in right-to-left languages in an otherwise left-to-right language print. For example, you can now print Arabic customer names within an English-language print.
- Customize MPL layouts so that static content on a print is in a right-to-left language as well. For example, you can now create a custom invoice entirely in Arabic.

For the vast majority of use cases, a newly introduced **DefaultTextDirection** configuration setting**,** editable in the MaconomyCustom.ini server config file, should be set to LTR (left-to-right bi-directional printing). Suppose English is an example left-to-right language and Arabic is an example right-to-left language. Setting **DefaultTextDirection** to LTR will cover the correct printing of English-only language text, Arabic-only language text, and instances where Arabic appears within English text.

For specific instances where text is predominantly Arabic but contains some English phrases, read further to understand options to support this.

The following sections provide a conceptual overview of bi-directional printing, and setup instructions for enabling this functionality. These setup instructions should apply for the majority of companies and their users.

Bi-Directional Printing

A new **textdirection** style attribute is added to MPL. This attribute supports the existing one-directional left-to-right mode of printing, as well as the new bi-directional modes of printing which are both capable of printing right-to-left languages correctly.

The succeeding paragraphs use English as the left-to-right language, and Arabic as the right-to-left language. The concepts discussed should apply to all left-to-right and right-to-left languages, respectively.

The **textdirection** attribute can assume any of the following values:

- **NOBIDI** – The one-directional (or non bi-directional) default that is equivalent to how MPL used to work prior to the introduction bi-directional printing. Text is always printed left to right independently of the language used.
- **RTL** – Uses bi-directional reordering with left-to-right preferential run direction. With this algorithm, the text is divided into English and Arabic blocks. Characters comprising Arabic blocks are always printed right to left. Moreover, the blocks themselves are printed in the **right to left** order. This setting is ideal for embedding English within Arabic text, where all text reads right to left apart from English words which read left to right.
- **LTR** – Uses bi-directional reordering with right-to-left preferential run direction. With this algorithm, the text is also divided into English and Arabic blocks. Characters comprising Arabic blocks are always printed right to left. Moreover, the blocks themselves are printed in the **left to right** order. This setting is ideal for embedding Arabic within English text, where all text reads left to right apart from Arabic words which read right to left.

To better understand these settings, consider the following sample sentences:

1. Is the share price going to raise this year?
2. هل سعر السهم سيرتفع هذا العام؟ *[English translation of 1]*
3. Employee عاليه will be promoted. *[English: Employee* Aaliyah *will be promoted.]*
4. مربح DELTEK رائعة *[English: Company DELTEK is profitable]*

The following screenshot shows how these sentences will be printed in MPL using the three settings.

NOBIDI (default)

Is the share price going to raise this year?
‏هل سعر السهم سيرتفع هذا العالم؟‏
Employee ‏عاليه‏ will be promoted.
‏مربح DELTEK رائعة‏

RTL

Is the share price going to raise this year?
‏هل سعر السهم سيرتفع هذا العام؟‏
will be promoted ‏عاليه‏ Employee.
‏مربح DELTEK رائعة‏

LTR

Is the share price going to raise this year?
‏هل سعر السهم سيرتفع هذا العام؟‏
Employee ‏عاليه‏ will be promoted.
‏رائعة DELTEK مربح‏

Note that when using LTR, sentences 1, 2 and 3 are printed correctly, but 4 is incorrect. On the other hand, when using RTL sentences 2 and 4 are correct, and 1 and 3 incorrect. NOBIDI is not suitable for printing Arabic at all, as it prints everything left to right.

To conclude: When using Arabic words in the English context, the LTR textdirection is appropriate. For embedding English words in the Arabic context, RTL is a better fit.

Setting Text Direction

You can use the **DefaultTextDirection** attribute to specify the system-wide Maconomy setting. To do this, update the MaconomyDir/Definitions/MaconomyCustom.ini server config file.

For example:

```
[MPLConfig]

DefaultTextDirection=LTR
```

You can then use **textdirection**, a regular style attribute in MPL, to make the specification on any of the various elements in an MPL layout.

For example:

```
{:r:textdirection=ltr

   "رحبا بالعالم! ماذا تفعل؟" ; "

}
```

```
<stack textdirection=rtl>
```

  رحبا بالعالم! ماذا تفعل؟""

```
<end stack>


<default tag=text attribute=textdirection value=rtl>
"Hello world":textdirection=nobidi
```

Setting Text Justification

When working with right-to-left languages, you should also pay attention to the proper text justification. For example, a native speaker of Arabic would probably expect Arabic text to be right-justified. To adjust text justification, use the **justification** style attribute.

Install/Upgrade Considerations

Upgrading to Maconomy 2.5 CU16 should follow the standard CU upgrade procedure using MConfig defaults. No extra upgrade steps are necessary when following the standard upgrade procedure.

Upon a successful upgrade, MConfig should have recompiled all standard and custom print layouts by executing the `MaconomyServer –UP` and `–UVP` commands. To verify this, do one of the following:

- Open the installation log files to check if the –UP and –UVP commands were executed.
- Print an arbitrary mpl layout in any client. If you encounter no errors, this means the upgrade was successful.

If you diverge from the MConfig defaults, make sure to recompile all standard and custom print layouts manually.

1. To recompile the standard layouts, use the `MaconomyServer –UP` command.
2. To recompile your custom print layouts, use the `MaconomyServer –UVP` command.

Refer to the "Application Server" section under the Configuration and Maintenance chapter of the *Deltek Maconomy System Admin Guide* for a detailed description of MaconomyServer commands and the –UP/–UVP options in particular.

For example:

```
MaconomyServer.w_21_0.cmd-Sw210 –UP
MaconomyServer.w_21_0.cmd-Sw210 –UVP
```

Setup Instructions

For purposes of backward compatibility, bi-directional printing is disabled by default.

Once enabled, this functionality will work for both the Workspace Client and iAccess.

> **Note:** If you are a customer on Maconomy Cloud who needs to utilize this functionality, file a support case with Deltek Cloud Operations.

To enable this feature:

1. Make sure you have installed the right fonts to render your right-to-left language (if applicable). Refer to the "Font Administration and Installation in MPL 4" section of the *Deltek Maconomy System Admin Guide* for more information.

2. By default, the system-wide text direction is set to **NOBIDI**. To configure text direction for your entire system:

   a. In the MaconomyDir/Definitions/MaconomyCustom.ini file, specify a new value for DefaultTextDirection.

   For example:
   ```
   [MPLConfig]
   DefaultTextDirection=LTR
   ```

   b. Recompile all standard and custom print layouts.

      i. To recompile the standard layouts, use the `MaconomyServer –UP` command.

      ii. To recompile your custom print layouts, use the `MaconomyServer –UVP` command.

   Refer to the "Application Server" section under the Configuration and Maintenance chapter of the *Deltek Maconomy System Admin Guide* for a detailed description of MaconomyServer commands and the –UP/–UVP options in particular.

   For example:
   ```
   MaconomyServer.w_21_0.cmd-Sw210 –UP
   ```
   ```
   MaconomyServer.w_21_0.cmd-Sw210 –UVP
   ```

Software Enhancements – BPM

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

Deltek Tracking: 1386084, 1416238

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

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

UK MTD Fraud Header Updates

Deltek Tracking: 1413580

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

- Get VAT Obligations
- Submit VAT Obligations
- Get VAT Return

These new headers are now in a <key>=<value> format. The additional/changed headers that Maconomy submits to the HMRC are the following:

- Gov-Client-Device-ID

- Gov-Client-Local-Ips-Timestamp

- Gov-Client-User-Agent – This requires **url.mtdsysmanufacturer** and **url.mtdsysmodel** to be set in the server.ini file. **See Appendix C: Setup by Country » United Kingdom for more information.**

- Gov-Vendor-Product-Name

UKMTD Period Keys Change on Obligation Lines

Deltek Tracking: 1416233

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

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

Deltek Tracking: 1434375

NSAFT now has the capability to override the tax code using the **Remarks 2** field from the same option list for mapping standard tax codes. This feature overrides <TaxCode> under <TaxTable> and <TaxInformation>. The values from the **Remarks 2** field still has a character limit of nine. If the Tax Code is neither in the option list nor mapped with a **Remarks 2** field, it shows the original tax code from the Tax Code dialog in Maconomy.

Software Issues Resolved – Application

Posting Error When Invoice Currency Is Different From Job Currency

Deltek Tracking: 1388932

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

Incorrect Draft Invoices for Auto-Calculated Surcharges at Invoicing on Account

Deltek Tracking: 1423698

Surcharge automatically calculated upon invoice on account selection approval previously did not calculate properly. The surcharge reduced the on account amount, rather than add to the on account amount. The error is corrected.

Empty FinanceEntryInstanceKey in the VendorEntry

Deltek Tracking: 1437839

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

Software Issues Resolved – BPM

UK MTD

Negative Figures Unsupported on Box 5

Deltek Tracking: 1392221

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

Incorrect Data on Entries if Tax Popup 1 Is Changed in the Tax Code

Deltek Tracking: 1416226

Previously, UK MTD disregarded Tax Popup 1 changes for tax codes relation to tax settlement entries. This error is corrected. UK MTD now considers the latest Tax Popup 1 change on tax codes. Note that tax codes should still have a distinction between Goods and Services/Non-Goods. This means that Tax Codes used for transactions on Goods should not be used for transactions on Services. See **Appendix C: Setup by Country » United Kingdom » UK PVA and RCM » Popup Field Setup** for more information.

Authorization Code Issue

Deltek Tracking: 1429794

Authorization codes are applicable to any company under the same client secret and client ID. However, VAT submission becomes an issue if the company's tax number is not a valid VAT Registration Number given by HMRC. Authorization codes are only valid for ten minutes before you can retrieve an access token. Once it becomes invalid, you need to retrieve a new authorization code again by logging in to the HMRC site.

UK MTD: Incorrect Data on Entries if There Is No Tax Popup 1 Setup on Tax Codes

Deltek Tracking: 1437804

Tax Popup 1 should be setup correctly in Tax Codes that are intended to be included for the UK MTD filing. Otherwise, incorrect amounts on boxes display in the report. See **Appendix C: Setup by Country » United Kingdom » UK PVA and RCM » Popup Field Setup** for more information.

NSAFT

Values Exceed Character Limit When Symbols Are Included

Deltek Tracking: 1412846

NSAFT truncates strings that exceed the character limit. However, if a string contained symbols such as ampersand (&), less than (<), and greater than (>), the characters were escaped which caused the string

to exceed the character limit again. This error is corrected. In instances where the escaped value is truncated, the system removes the reserved character at the end of the string to avoid an invalid XML.

Journal ID Is Not Mapped to Journal No.

Deltek Tracking: 1412864

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

Removal of <AnalysisTypeTable> in NSAFT

Deltek Tracking: 1412873

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

Reserved Characters Are Not Encoded for General Ledger Entries

Deltek Tracking: 1413717

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

SupplierID and CustomerID Appear Simultaneously in Transaction Lines

Deltek Tracking: 1413724

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

Tax Registration Number is Not Mapped to VAT Number

Deltek Tracking: 1432217

<TaxRegistrationNumber> previously was incorrectly mapped to the Company Registration No. This is now corrected and mapped to Company Information Vat No.

NSAFT Excludes Reconciliation Entries That Have Closing Date on the Statement Date

Deltek Tracking: 1441936

Previously, NSAFT excluded customer and vendor reconciliation entries that were closed exactly on the statement date. This error is corrected.

NSAFT Displays Supplier's Invoice as Debit Balances

Deltek Tracking: 1441975

The balances in debit vendor entries were incorrectly displayed as **Debit Balances**. However, these are liabilities. This error is corrected such that they are now displayed as **Credit Balances**. Thus, a credit entry increases the balance in Accounts Payable and a debit entry decreases the balance.

SIE

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

Deltek Tracking: 1417440

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

Amounts Not Written Using Period as Decimal Delimiter

Deltek Tracking: 1417448

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

Software Issues Resolved – Technology

No Spellcheck on 64-Bit Windows Workspace Client

Deltek Tracking: 1417779

When using a Workspace Client installation with a 64-bit Windows operating system, users found that spellcheck did not work for fields on which this functionality had been enabled. This error is corrected.

ArrayIndexOutOfBoundsException When Using IME in Workspace Client

Deltek Tracking: 1419193

When using Chinese IME, the Workspace Client previously often crashed with a 'java.lang.ArrayIndexOutOfBoundsException' error displaying. This error is corrected.

Signing Information Not Shown in Maconomy.exe File Properties

Deltek Tracking: 1419666

The **Properties...** window did not previously display signing information in the Maconomy.exe file. This error is corrected.

Software Issues Resolved – iAccess

Data Changed Error in Time Sheets Triggered by Change in "timeoflatestchange" Field

Deltek Tracking: 1430734

Browsers: IE11, Chrome, Safari, and Firefox

If users working in the Weekly and Daily Time Sheets workspaces left the web page idle for 10 minutes, iAccess displayed the "Data was changed by another user" error message. This is now corrected.

Known Issues

Incorrect Data in UK Tax Submission WEBI Report

Defects: 1434455, 1428074, 1434523, 1401884

UK Tax Submission WEBI Report has multiple issue. While the bugs are not of a high severity, there will be issues running the report, including:

- On the Tax Details tab of the UK Tax Submission report in Webi, box 1 data is incorrect, as it does not contain data from a UK Company, a EU/ROW Customer using NIR Tax Code, or from the NIRE Company EU/ROW Customer with Tax Popup Services.

- On the Tax Details tab of the UK Tax Submission report in Webi, box 1 data has incorrect amounts due to the following scenarios:

    - When ROW transactions have tax code of Service RCM

    - When Using NIR tax code with any popup from an EU Customer

    - When Customer Invoices under NIR company and EU/ROW customer for Services

    - When Customer Invoices for UK and NIR have Goods/Services Tax Popup

SIE: File Includes Accounts Not Part of the Selection Criteria/Period

Deltek Tracking: 1441799 (Sev 3)

Some SIE files show accounts even if they are not part of the selection criteria/period.

Format Error in Tax Return CA3 Report

Defect 1381495 (Sev 3)

In the Tax Return CA3 (France statutory) report, when data does not exist on a specific Tax Code, #,##0.00 shows instead of 0.00.

Cash Flow Statement Report Navigation Error

Defect 1405951 (Sev 2)

When deploying SPUs for 2.4.5, an error is encountered when you navigate to Reporting -> Reports and clicking the Cash Flow Statement report. This is because the dialog layout within the SPU still references the BPM Report "Cash Flow Statement" when it should reference the renamed title "Cash Flow Statement with Budget." Although the report is still accessible via standalone BI Launchpad, it is inaccessible when running it within the WSC.

Workaround: Note that this error is encountered if an SPU is deployed. As a workaround, use a Maconomy instance without a deployed 2.4.5 SPU.

Incorrect Formula for TotalTaxVendor in Tax Details Tab

Defect: 1441800 (Sev 3)

From the Tax Details tab of the UK Tax Submissions report, the Box 4 amount was not previously considered in the totals from the TotalTaxVendor field. Box 2 and Box 7 were added together in the formula when Box 4 + Box 7 should provide the total instead.

GL Accounts Show Entries Not Part of the Period

Defect 1413859, 1450307 (Sev 2)

Entries for General Ledger accounts that are not in the selected period are sometimes included in the balace.

CurrencyCode is Included Even if the Entry Has the Same Currency as the Header Company

Defect 1397209, 1450304 (Sev 3)

Currently, currency code field is always included in the extract, regardless if it is the same as the currency of the header company. It should only be included if the entry has a currency different from the header.

GL Entries Excluded with Dates in Different Years

Defect 1410659, 1450304 (Sev 2)

GL entries are excluded in the NSAFT file when the Selection Criteria includes beginning and end dates in different years.

Cumulative Update 15 – Feb. 5, 2021

Release Summary

New in Cumulative Update 15			
Support case	**Ticket**	**Type**	**Description**
200512-000832 200930-000373	1387249	Application (APU)	Error When Including Certain Fields in the G/L Entries Analyzer
200603-000119	1387754	Application (APU)	Job Entries Analyzer Error
N/A	1389215	BPM	UK MTD PVA: Box 6 is Not Populated for Gold Transactions
N/A	1389720	BPM	UK MTD PVA WebI: Box 6 is Not Populated for Gold Transactions
N/A	1393003	BPM	UK MTD WebI: Boxes 1 and 9 are Populated for Services
N/A	1400982	BPM	UK MTD: Incorrect Fraud Header Format When Machine Set to Coordinated Universal Time (UTC)
N/A	1397511	BPM	SIE: #TRANS Field Does Not Balance
N/A	1397555	BPM	SIE: Grouping Level 1 Contains " " in #SRU Code
N/A	1397660	BPM	SIE: Add #PROGRAM Release Version
N/A	1397751	BPM	Improve and Optimize SIE Queries
200907-000065 200928-000032	1388381	BPM	Truncated XML Occurs Even When Background Task is Successful
N/A	1388959	BPM	Missing Elements on NSAFT File
N/A	1405002	BPM	Multiple Tax Entries Under Transaction Result in Multiple Lines in XML
N/A	1405009	BPM	<NumberOfEntries> is Counted Incorrectly
N/A	1405016	BPM	<Description> for <Transaction> should be mapped to Transaction Type instead of Entry Text
N/A	1405025	BPM	Field Restrictions on Character Limits
N/A	1405031	BPM	Opening Balance of Customers and Suppliers Always Set to Zero
N/A	1405038	BPM	AuditFileVersion is Set to 1.00 Instead of 1.10
N/A	1412838	BPM	Opening Balance Includes Transactions from First Day of Selected Period

N/A	1410330	Technology (TPU)	Java-applets Cannot Use Customized Layouts From 2.3
N/A	1406629	Technology (TPU)	CPU Bottleneck Results in Performance Problems
N/A	1409632	Technology (TPU)	APM Log Entries Java Exception
201111-000208	1391083	Technology (TPU)	Error When Locking and Reading Container Instance In or From Database Cache
200303-000828	1381507	Technology (TPU)	Handling of Interrupted Status in McClientProxy in Workspace Client
201028-000096	1383841	Technology (TPU)	ArrayIndexOutOfBoundsException When Using IME in Workspace Client
N/A	1392094	Technology (TPU)	Workspace Client Redraw Issues When Running macOS Big Sur
N/A	1391440	iAccess	Unusual Behavior When Using Arrow Icon "->" to Select a Job or Task Line in Advanced Search
New files released		**Filesize**	**Checksum**
apu.w2100.sp100o.zip		886334 KB	**MD5:** 88268e29a4efe12c9ca06b2debd0d4bb
tpu.LINUX.21_0.p100o.tgz		792751 KB	**MD5:** b5cbadcb682c0f15dc413a812cd487ae
tpu.NTx86.21_0.p100o.tgz		740774 KB	**MD5:** 5a7210dc8fe1f905e441bd80ed2c5678
DeltekMaconomyWSClient25GACU15.zip		578954 KB	**MD5:** 54cf69c03e8b9e7fef47dad2016e80e7
fpu.iAccess.3.0.9-final-570289.tgz		32989 KB	**MD5:** beea4c220055ced9130aff5504c3212d
rpu.21.sp100.cu015.0568608.s-std.zip		115196 KB	**MD5:** b7647bc205ee2a003728968de8202ad2
rpu.21.sp100.cu015.0568608.s-cpa.zip		114865 KB	**MD5:** ac7ef95d4dee6daf63500f68943a3096

Important TPU Notes for CU 15

The Workspace Client from CU15 is required for this update.

Deltek recommends that you always install the latest version of the Workspace Client in order to ensure compatibility with the most recent CUs.

Software Issues Resolved – Application (APU)

Error When Including Certain Fields in the G/L Entries Analyzer

Deltek Tracking: 1387249

Previously, you would get a system error when you use the **Open G/L Entries Analyzer** action to report on the following fields:

- **Intercomp. Journal No.**

- **Company Journal No. of Origin**
- **Journal No.**
- **Trans. No.**

This error is corrected and you can now use all the fields.

Job Entries Analyzer Error

Deltek Tracking: 1387754

The Job Entries analyzer displayed an error if the user created a report that included the **Inv. CP** or **Inv. CPB** fields. This error is corrected.

Software Issues Resolved – BPM

UK MTD

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

Deltek Tracking: 1389215

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

Setup notes for this bug:

- Box 6 is populated with or without setting up Tax Popup 2 = PVA.
- Tax Popup 1 should be set up as "Gold RCM" with Boolean 1 = true.

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

Deltek Tracking: 1389720

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

Setup notes for this bug:

- Box 6 is populated with or without setting up Tax Popup 2 = PVA.
- Tax Popup 1 should be set up as "Gold RCM" with Boolean 1 = true.

UK MTD WebI: Boxes 1 and 9 are Populated for Services

Deltek Tracking: 1393003

Boxes 1 and 9 were previously populated when vendor invoice acquisitions for Services were posted. This was an error they should only be populated for Goods transactions in EU countries. This error is corrected.

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

Deltek Tracking: 1400982

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

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

SIE

SIE: #TRANS Field Does Not Balance

Deltek Tracking: 1397511

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

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

Deltek Tracking: 1397555

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

SIE: Add #PROGRAM Release Version

Deltek Tracking: 1397660

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

Example (for Maconomy 2.4.4):

```
#PROGRAM "Maconomy" 20.0.104.0
```

Improve and Optimize SIE Queries

Deltek Tracking: 1397751

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

NSAFT

Truncated XML Occurs Even When Background Task is Successful

Deltek Tracking: 1388381

An unknown error not written on the logs previously caused the generated XML to be truncated on the customer data even if the background task finished successfully. This error is corrected.

Important: The following parameter should be added to the Maconomy server.ini file in order to improve performance.

- filepath.nsaftoffset = 50000

Note that the value (here, 50,000) can be adjusted as needed. This is the general recommendation for a starting point but can be changed as desired. This is especially important to note if the background task experiences database timeouts during execution.

Missing Elements on NSAFT File

Deltek Tracking: 1388959

There were previously missing elements for NSAFT. This error is corrected as detailed below.

- Changed `<TransactionDate>` mapping to finance entry date

- `<SystemEntryTime>` is not reintroduced. The journal creation date field does not have the time part in the database.

- `<ReferenceNumber>` is mapped using the following condition:

  - If the journal is an invoice then `<ReferenceNumber>` is mapped to the transaction number

  - If the journal is a vendor invoice then `<ReferenceNumber>` is mapped to the vendor invoice number

Multiple Tax Entries Under Transaction Result in Multiple Lines in XML

Deltek Tracking: 1405002

Previously, multiple tax entries under one transaction resulted in multiple lines in the generated XML. This error is corrected. A <TaxInformation> entry is now created instead of <Line> under the related transaction.

<NumberOfEntries> is Counted Incorrectly

Deltek Tracking: 1405009

Previously, <NumberOfEntries> was calculated based on the number of unique transaction IDs. This was incorrect. This is error is corrected and properly reflects the number of <Transaction> elements in the generated XML.

<Description> for <Transaction> should be mapped to Transaction Type instead of Entry Text

Deltek Tracking: 1405016

Previously, `<Description>` for the `<Transaction>` was mapped on the transaction's entry text. This is error is corrected. This is now correctly mapped to the transaction type for proper grouping.

Field Restrictions on Character Limits

Deltek Tracking: 1405025

The following fields are now restricted to the corresponding character limits:

Customer

- Name (70)
- Registration Number (35)

Supplier

- Name (70)

- Registration Number (35)

Bank Account

- BIC (18)

Opening Balance of Customers and Suppliers Always Set to Zero

Deltek Tracking: 1405031

All opening balance amounts of customers and suppliers were previously always set to zero in the master file. This error is corrected.

AuditFileVersion is Set to 1.00 Instead of 1.10

Deltek Tracking: 1405038

The Audit File Version (AuditFileVersion) was previously set to 1.00. This value should be 1.10. This error is corrected.

Opening Balance Includes Transactions from First Day of Selected Period

Deltek Tracking: 1412838

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

Software Issues Resolved – Technology (TPU)

Java-applets Cannot Use Customized Layouts From 2.3

Deltek Tracking: 1410330

The function getlayout2 could not previously get customized layouts from Maconomy version 2.3 and onwards.

getlayout2 is used in java-client (which is not supported in 2.3), and java-applets for which support is disabled from 2.3 and onwards. This error is corrected.

CPU Bottleneck Results in Performance Problems

Deltek Tracking: 1406629

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

APM Log Entries Java Exception

Deltek Tracking: 1409632

The processing of APM log entries previously occasionally triggered a Java exception (java.util.ConcurrentModificationException). This error is corrected.

Error When Locking and Reading Container Instance In or From Database Cache

Deltek Tracking: 1391083

Previously, there was an internal error showing on the server log from an unknown container. This error is corrected.

Handling of Interrupted Status in McClientProxy in Workspace Client

Deltek Tracking: 1381507

Previously, there was no handling of an "interrupted" status in McClientProxy in the Workspace Client if a second attempt was made to run the request. There was no interruption message in the Workspace Client log to indicate that an interruption had occurred. This error is corrected.

ArrayIndexOutOfBoundsException When Using IME in Workspace Client

Deltek Tracking: 1383841

When using Chinese IME, the Workspace Client previously often crashed with a 'java.lang.ArrayIndexOutOfBoundsException' error displaying. This error is corrected.

Workspace Client Redraw Issues When Running macOS Big Sur

Deltek Tracking: 1392094

Previously, users experienced calendar redraw issues when running the Workspace Client with macOS Big Sur. This error is corrected.

Software Issues Resolved – iAccess

Unusual Behavior When Using Arrow Icon "->" to Select a Job or Task Line in Advanced Search

Deltek Tracking: 1391440

Browsers: IE11, Chrome, Safari, and Firefox

Previously, an event was not selected when using the arrow icon "->" to select it from the event list in the Create Booking dialog in MyPlan in iAccess. Instead, the horizontal paging of the dialog moved to make the selected event the first visible event. This error is corrected.

Cumulative Update 14 – Dec. 15, 2020

Release Summary

New in Cumulative Update 14			
Support case	**Ticket**	**Type**	**Description**
N/A	1365455	BPM	UK Postponed Vat Accounting (PVA) and Reverse Charge Mechanism (RCM)
N/A	1364652	BPM	Add Report-Specific Reporting Structure in Selection Criteria for SIE
N/A	1320145	BPM	UK MTD Boxes Do Not Support Reverse Charge Mechanism
N/A	1324411	BPM	UK MTD Does Not Enforce Company Country Restriction
New files released	**Filesize**	**Checksum**	
apu.w2100.sp100n.zip	886098 KB	**MD5**: 142676c2cd3ff5ab009acf9f2d1aac80	
fpu.iAccess.3.0.8-final-567220.tgz	32992 KB	**MD5**: 7380477d5121abbea8e7ca2fea8d7fba	
rpu.21.sp100.cu014.0566567.s-cpa.zip	114773 KB	**MD5**: 1bab7328a0c3e5031449a47d6028bec9	
rpu.21.sp100.cu014.0566567.s-std.zip	115125 KB	**MD5**: 21ae54e5cce8652c1fa98bdb11c44085	
Other current CU files*	**Filesize**	**Checksum**	
tpu.LINUX.21_0.p100m.tgz	783137 KB	**MD5**: cc1c5ac88350660912c085f5774c68c7	
tpu.NTx86.21_0.p100m.tgz	739731 KB	**MD5**: 94e630c9c8220b2069d27bc1f16eb3b9	
DeltekMaconomyWSClient25GACU13.zip	559712 KB	**MD5**: 50c9adba36adb52d9d2fed809690bfdc	

These files were released as part of a previous update but still apply to the latest CU.

Software Enhancements – BPM

UK Postponed Vat Accounting (PVA) and Reverse Charge Mechanism (RCM)

Deltek Tracking: 1365478

As of January 1, 2021, HMRC has approved certain changes to the VAT 100 form that have an impact on UK MTD and filing procedures. These changes are related to new requirements for VAT on imports.

> **Important:** Deltek does NOT act in the capacity of an accounting or tax advisor to customers or other parties. Accordingly, customers must reach out to their accountants or tax advisors in order to ascertain the impact of these requirements on their business.

> **Notes:**
> - For Setup information on this feature, see the UK PVA and RCM section in Appendix C.
> - For example scenarios, see the UK PVA and RCM Examples section in Appendix F.

Changes to Maconomy

UK MTD functionality is updated to accommodate **Postponed VAT Accounting** (PVA) and **Reverse Charge Mechanism** (RCM) functionality for the VAT-100 form as detailed in the following sections. PVA and RCM represent exceptions to normal VAT charges that must be handled according to HMRC protocol. These are explained in the sections below. Links to procedures for completing each type of transaction are provided as necessary.

Terminology

Term	Description
RCM	*Reverse Charge Mechanism* This is used to categorize transactions that are for reverse charge in accordance to HMRC's mandate. The following values are utilized to filter out categories mentioned in this rule: • Gold RCM • Mobile phones and Computer chips RCM • Services RCM • Telecom cellular service RCM
PVA	*Postponed VAT Accounting (Effective 1/1/21)* This is used to categorize transactions that are conforming to the VAT 100 form Impact to UK MTD submission. From 1 January 2021, this will provide the same cash flow benefits to businesses who import goods from rest of world countries as those who import goods from the EU.

Normal VAT Charge

This section describes amount field definitions under the **normal VAT** charge procedure. This includes what is needed to be filled in per box on transactions categorized by HMRC in the link below:

https://www.gov.uk/guidance/how-to-fill-in-and-submit-your-vat-return-vat-notice-70012#section3

Note: All tax amounts are the *deductible* tax amounts.

Box Definitions and Uses

The following are the boxes available to be used for normal VAT charges.

> **Important:** As of 1/1/2021, boxes 2, 8, 9 will only be used for transactions with Northern Ireland, which remains part of the EU and not impacted by BREXIT. These boxes will no longer be used for any other UK or "rest-of-world" transactions. They are displayed in gray below.
>
> These fields will default to zero for all "rest-of-world" countries except Northern Ireland.
>
> Please note changes to the wording of these box descriptions:
>
> - **Current wording**:
>   - Box 2: VAT due in this period on acquisitions from other EC Member States
>   - Box 8: Total value of all supplies of goods and related costs, excluding any VAT, to other EC Member States
>   - Box 9: Total value of all acquisitions of goods and related costs, excluding any VAT, from other EC Member States
> - **New wording** (as of 1/1/21):
>   - Box 2: VAT due in this period on intra-community acquisitions of goods made in Northern Ireland from EU Member States
>   - Box 8: Total value of intra-community dispatches of goods and related costs (excluding VAT) from Northern Ireland to EU Member States
>   - Box 9: Total value of intra-community acquisitions of goods and related costs (excluding VAT) made in Northern Ireland from EU Member States

Box No.	Box Use	Details
1	**VAT due in the period on sales and other outputs**	Include the VAT due on all goods and services you supplied in the period covered by the return. This is your 'output VAT' for the period. VAT may also be due on supplies outside the mainstream of your business. **Note**: This also includes PVA as noted below.
2	**VAT due in the period on acquisitions from other member states of the EU**	Show the VAT due on all goods and related costs bought from VAT-registered suppliers in other EU member states, these purchases are referred to as 'acquisitions'. Related costs include any payment that you make to cover your supplier's costs in making the supply, such as packing, transport or insurance which they're responsible for under their contract with you. You must include the VAT due on all your acquisitions for the VAT period in which the tax point occurs.

Box No.	Box Use	Details
3	**Total VAT due**	Show the total VAT due, that is, boxes 1 and 2 added together. This is your 'output VAT' for the period.
4	**VAT reclaimed in the period on purchases and other inputs (including acquisitions from the EU)**	Show the total amount of deductible VAT charged on your business purchases. This is referred to as your 'input VAT' for the period. You cannot claim input VAT on your return unless you have a proper VAT invoice to support the claim (but see the rules in VAT guide (VAT Notice 700). **Note**: This box is also impacted by PVA and RCM as noted below.
5	**Net VAT to pay to HMRC or reclaim**	Take the figures in boxes 3 and 4. Deduct the smaller from the larger and enter the difference in box 5. If the figure in box 3 is more than the figure in box 4, the difference is the amount you must pay. If the figure in box 3 is less than the figure in box 4 your account will be credited and you will be repaid balance (subject to any enquiries that need to be made).
6	**Total value of sales and all other outputs excluding any VAT**	Show the total value of all your business sales and other specific outputs but leave out any VAT. **Note**: This field is also used for RCM for Gold and Services as noted below.
7	**Total value of purchases and all other inputs excluding any VAT**	Show the total value of your purchases and expenses but leave out any VAT. **Note**: This box is also impacted by PVA, and RCM for gold, Services, and mobile phones and computer chips as noted below.
8	**Total value of all supplies of goods and related costs, excluding any VAT, to other EU member states**	Show the total value of all supplies of goods to other EU member states and directly related costs, such as freight and insurance, where these form part of the invoice or contract price. This must include the value of any goods dispatched from the UK to a destination in another member state, even if no actual sale is involved or the sale is being invoiced to a person located outside the EU. Leave out any VAT. See The single market (VAT Notice 725) for further information on trading within the EC.

Box No.	Box Use	Details
9	**Total value of all acquisitions of goods and related costs, excluding any VAT, from other EU member states**	Show the total value of all acquisitions of goods from VAT-registered suppliers in other EU member states and directly related costs, such as freight and insurance, where these form part of the invoice or contract price, but leave out any VAT.

Postponed VAT Accounting (PVA)

Postponed VAT Accounting, or **PVA**, allows businesses to account for VAT in imports through their periodic VAT return instead of having to pay that VAT at or upon crossing the UK border.

The Postponed VAT Accounting rules or PVA come into effect on January 1, 2021. The new rules combine the former customs reports for goods received from the EU (before BREXIT) and the rest of the world (ROW) onto the VAT 100 form impacting boxes 1,4 and 7 (in most instances) and the MTD filing.

Box Definitions and Uses for PVA

In light of Brexit, HMRC has introduced a new method of accounting for import VAT in the VAT return. This could have a compulsory requirement for some businesses to follow these rules. Under this rule, when a business import goods – either from an EU or a non-EU country:

- It could pay import VAT to HMRC through its VAT return.

- In Addition, similar to the current rule, businesses can seek to recover this import VAT as input tax in Box 4 of the VAT return. The value of import is shown in Box 7.

The table below shows the specific boxes to be populated for PVA:

Box No.	Field Name	Description
1	**VAT Due Sales**	The tax amount for tax payable for which the transaction references the Tax Code stating that it is Goods on Tax Popup 1 and PVA on Tax Popup 2 and Tax Type.
3	**Total VAT Due**	The sum as updated from VAT Due Sales and VAT Due Acquisitions
4	**VAT Reclaimed Current Period**	The tax amount for tax receivable for which the transaction references the Tax Code stating that it is Goods on Tax Popup 1 and PVA on Tax Popup 2 and Tax Type.
5	**Net VAT Due**	The tax receivable less tax payable as updated from Box 1 and 4.
7	**Total Value Purchases Excluding VAT**	The basis amount for tax receivable for which the transaction references the Tax Code stating that it is Goods on Tax Popup 1 and PVA on Tax Popup 2 and Tax Type.
9	**Total Acquisitions**	The basis amount for tax receivable for which there is referenced a vendor having a non-empty tax number and from an EU country other than the

Box No.	Field Name	Description
	Excluding VAT	company itself (UK), and for which the tax code states that this is Goods on Tax Popup 1 and PVA on Tax Popup 2 and Tax Type.

> **Important:** After Brexit, on 1/1/21, box 9 will only be used for transactions with Northern Ireland from EU member states. It will no longer be used for any other UK or "rest-of-world" transactions. This box is displayed in gray above.
>
> Additionally, box 9 is currently incorrectly populated for "rest-of-world" countries. Note that this will no longer be an issue after Brexit as box 9 will only be used by EU member states.

Reverse Charge Mechanism

Reverse Charge Mechanism, or **RCM**, is used to categorize transactions that are for "reverse charge" in accordance to HMRC's mandate.

Under the reverse charge procedure, the buyer of the goods or services, rather than the seller, is liable to account for the VAT on the sale.

This rule combines different types of transactions received from the EU (before BREXIT). Boxes 1, 4, 6, and 7 will be impacted in accordance with how input and output tax will be handled for MTD filing.

These details are mentioned in the following links:

https://www.gov.uk/guidance/how-to-fill-in-and-submit-your-vat-return-vat-notice-70012#para46

https://www.gov.uk/guidance/the-vat-domestic-reverse-charge-procedure-notice-735

Box Definitions and Uses for RCM

The return should be completed in accordance with the guidance in the following table:

If you use the reverse charge for	Customer Transactions	Vendor Transactions
Gold RCM	Box 6 (value of the supply)	Box 1 (output VAT) Box 4 (input VAT) Box 6 (value of the deemed supply) Box 7 (purchase value)
Services RCM	Box 6 (value of the supply)	Box 1 (output VAT) Box 4 (input VAT) Box 6 (value of the deemed supply) Box 7 (purchase value)
Mobile phones and computer chips RCM	Box 6 (value of the supply)	Box 1 (output VAT) Box 4 (input VAT) Box 7 (purchase value)
Telecom cellular services RCM	Box 6 (value of the supply)	Box 1 (output VAT) Box 4 (input VAT) Box 6 (value of the deemed supply) Box 7 (purchase value)

> **Note**: Incorrect boxes are currently populated when RCM is set up for "rest-of-the-world" countries. This is not currently an issue until Brexit takes effect in January 2021. There is a future PBI being developed to address this.

Data Export Prompts

The data export is run company by company and therefore the **Company No**. prompt is single valued.

Tax settlements are identified also by their from/to year and months. These filters must match exactly the intervals that are used for the settlements. **They are not year/month filters that include by interval.**

The prompts for the Data Export are below.

Note: These are the standard Tax Settlement fields.

Prompt Title	Expression	Mandatory
Company Tax No:	Only include entries belonging to the company/companies having the answered tax number. Single valued	**Yes**
Tax Settlement Unit Name:	Only include entries belonging to the answered tax settlement unit name. Single valued	**Yes**
From Year:	Only include entries for which the settlement is from the answered Year. The value must match exactly the To Month of the settlement to include. The prompt is not mandatory as it must be possible to use Entry Date From/To instead, in case clients do not use Maconomy's Tax Settlement functionality. Single valued	No
From Month:	Only include entries for which the settlement is from the answered Month. The value must match exactly the From Month of the settlement to include. The prompt is not mandatory as it must be possible to use Entry Date From/To instead, in case clients do not use Maconomy's Tax Settlement functionality. Single valued	No
To Year:	Only include entries for which the settlement is to the answered Year. The value must match exactly the To Year of the settlement to include. The prompt is not mandatory as it must be possible to use Entry Date From/To instead, in case clients do not use Maconomy's Tax Settlement functionality. Single valued	No

Prompt Title	Expression	Mandatory
To Month:	Only include entries for which the settlement is to the answered Month. The value must match exactly the To Month of the settlement to include. The prompt is not mandatory as it must be possible to use Entry Date From/To instead, in case clients do not use Maconomy's Tax Settlement functionality. Single valued	**No**
From Entry Date:	Only include entries for which the tax entries have an entry date equal or after the answered date. Single valued	**No**
To Entry Date:	Only include entries for which the tax entries have an entry date equal or before the answered date. Single valued	**No**

Note: The **server.ini** file specifies whether to use the From/To Year/Month prompts (which apply restrictions on tax settlements and assume the use of Maconomy's Tax Settlement functionality) or to use the From/To Entry Date prompts (which can be used if **not** using Maconomy's Tax Settlement functionality).

Countries

To be able to report on what countries a certain entity belongs to, the following fields are added to the Countries table:

- **EU Member**
- **Country Code**

You can use these fields to further filter data.

Company, Customer, and Vendor Information

The following fields can be used to further filter data that will be included prior to submission to HMRC:

Table	Field
Company Information	Company Country
	Company Tax No.
Customer	Customer Country
	Customer Tax No.
Vendor	Vendor Country

Table	Field
	Vendor Tax No.

Add Report-Specific Reporting Structure in Selection Criteria for SIE

Deltek Tracking: 1364655

A new SIE-specific reporting structure is added to the Workspace Client. This is added to differentiate between the reporting structure used for other reports, such as Balance Sheet, P&L, and Trial Balance reports. This reporting structure can be selected via the Selection Criteria in the Sweden Statutory Reports workspace.

Software Issues Resolved – BPM

UK MTD Boxes Do Not Support Reverse Charge Mechanism

Deltek Tracking: 1320146

Previously, boxes 1, 4, 6, and 7 in UK MTD did not support Reverse Charge Mechanism functionality. This issue was found in both the Workspace Client and Business Objects interface. This error is corrected.

Note: The following additional setup should be included:

Tax Popup 1	Tax Popup 1 Boolean 1
Goods	true
Gold RCM	true
Mobile phones and Computer chips RCM	true
Services RCM	false
Services	false
Telecom cellular services RCM	false

For versions prior to this fix, customers must talk to their tax advisors on amending their next VAT 100 form filing via MTD to include updates to the respective fields to reflect input VAT.

UK MTD Does Not Enforce Company Country Restriction

Deltek Tracking: 1324411

The UK MTD report did not previously restrict entries where the Country of the Company was not in the United Kingdom. When the **Company Country** field was populated with a value other than "United Kingdom (UK)", the report still retrieved entries and populated the table. This error is corrected.

Cumulative Update 13 – Nov. 20, 2020

Release Summary

New in Cumulative Update 13			
Support case	**Ticket**	**Type**	**Description**
N/A	1361715	Application (APU)	Invoice Preparation: Level 1-4 Key and Name Fields
N/A	1369939	Application (APU)	'PF' Prefix for Portugal Pre-Invoices
190523-000205 200929-000744	1367058	Application (APU)	Unable to Submit Vendor Invoices with Withholding Tax
N/A	1380620	iAccess	Mail-Link Elements Did Not Use Query Specified in the Configuration
201030-000349	1383159	iAccess	Incorrect Thousand Separator Used on Some Values
N/A	1383263	iAccess	Horizontal Scrollbar on Card Grids
N/A	1386446	iAccess	Tab Contents Not Displayed
N/A	1387239	iAccess	Overlapping Text After Closing Selection Criteria Panel
New files released	**Filesize**	**Checksum**	
apu.w2100.sp100m.zip	886176 KB	**MD5**: af0fb09bd977628fc35462e78ea3f7a1	
tpu.LINUX.21_0.p100m.tgz	783137 KB	**MD5**: cc1c5ac88350660912c085f5774c68c7	
tpu.NTx86.21_0.p100m.tgz	739731 KB	**MD5**: 94e630c9c8220b2069d27bc1f16eb3b9	
DeltekMaconomyWSClient25GACU13.zip	559712 KB	**MD5**: 50c9adba36adb52d9d2fed809690bfdc	
fpu.iAccess.3.0.7-final-565620.tgz	32990 KB	**MD5**: 2c90165e431d0f3a6c7ca411846199fa	
Other current CU files*	**Filesize**	**Checksum**	
rpu.cpa.21.0.100.5.zip	116799 KB	**MD5**: c4ddf9f6133ffcbdb213a969c1ddd0ad	

rpu.standard.21.0.100.5.zip	118048 KB	**MD5**: 02b7aff768915df2f00abcf0926b4831

*These files were released as part of a previous update but still apply to the latest CU.

Software Enhancements – Application (APU)

Invoice Preparation: Level 1-4 Key and Name Fields

Deltek Tracking: 1361715

The fields **Level 1-4 Key** and **Level 1-4 Name** on invoice printout lines for drafts are now populated for drafts created from Invoice Preparation.

The **Level 1-4 Key** fields are assigned from **Dimension Name** on the invoice preparation lines. The **Level 1-4 Name** fields are assigned from **Description** on the invoice preparation lines.

The following is a description of how **Dimension Name** and **Description** are populated on the invoice preparation lines:

- When you prepare invoices from **job entries**, the dimension name and description on the invoice preparation lines are populated from the dimensions by which the entries are grouped (as specified on the invoice layout rule).

- When you prepare invoices from the **job budget,** these fields depend on the following fields' **Group Budget Lines** and on the invoice layout rule:
    - If **Group Budget Lines** is selected and **Keep Descriptions from Budget** is not selected, the job budget lines are grouped by the selected dimensions in the same way as when you prepare invoices from job entries.
    - If both **Group Budget Lines** and **Keep Descriptions from Budget** are selected, the **Level 1-4 Key** fields are also populated with the dimension names, but the **Level 1-4 Name** fields are populated with the description from the job budget lines.
    - If **Group Budget Lines** is not selected, the draft invoice is created on the basis of the job budget lines without grouping. The information transferred to the invoice preparation lines from the budget is the task name and the text from the budget lines.

'PF' Prefix for Portugal Pre-Invoices

Deltek Tracking: 1369939

Pre-invoices are now given the document prefix "**PF**" in the formatted invoice number for Portuguese digital invoice signatures.

The formatted invoice numbers can be seen in the **InvoiceSignature.FormattedInvoiceNumber** table. They are also available in the print of job invoices by adding **FormattedInvoiceNumberVar** to the print layout.

The formatted invoice number is part of the message that is encrypted in the signature held in **InvoiceSignature.Signature.**

Software Issues Resolved – Application (APU)

Unable to Submit Vendor Invoices with Withholding Tax

Deltek Tracking: 1367058

Previously, you could not submit vendor invoices with withholding tax. This error is corrected.

Software Issues Resolved – iAccess

Mail-Link Elements Did Not Use Query Specified in the Configuration

Deltek Tracking: 1380620

Browsers: IE11, Chrome, Safari, and Firefox

When users clicked the email link in any card or table (including those in wizards), iAccess opened a new email window but left the Subject field empty even if a subject was specified in the configuration. This error is corrected.

Incorrect Thousand Separator Used on Some Values

Deltek Tracking: 1383159

Browsers: IE11, Chrome, Safari, and Firefox

When you used " " (space) as your digit grouping separator, iAccess previously sent the wrong character to the server. This led to the incorrect formatting of some values, where some were rendered with "%" (percent) as the digit grouping separator instead of " " (space). This error is corrected.

Horizontal Scrollbar on Card Grids

Deltek Tracking: 1383263

Browsers: IE11, Chrome, Safari, and Firefox

On smaller screens, iAccess previously displayed an unnecessary horizontal scrollbar on card grids. This error is corrected.

Tab Contents Not Displayed

Deltek Tracking: 1386446

Browsers: IE11, Chrome, Safari, and Firefox

There were instances when a workspace tab did not meet a certain "if" condition in the configuration. As a result, the contents of the tab did not display on the screen. This error is corrected.

Overlapping Text After Closing Selection Criteria Panel

Deltek Tracking: 1387239

Browsers: IE11, Chrome, Safari, and Firefox

In workspace tabs that featured a Selection Criteria panel, closing the panel caused the text of the **Selection Criteria** label and enabled selection criteria to overlap on your screen. This error is corrected.

Cumulative Update 12 – Oct. 9, 2020

Release Summary

New in Cumulative Update 12			
Support case	**Ticket**	**Type**	**Description**
N/A	1362272	Technology (TPU)	PaperFormatInformation Cursor Not Closed
N/A	1365479	Technology (TPU)	Workspace Client Error Due to Missing JNA-Libraries
New files released		**Filesize**	**Checksum**
apu.w2100.sp100l.zip		884899 KB	**MD5:** 1a6b453c6cd1a83396da0182deaa7eac
tpu.LINUX.21_0.p100l.tgz		783131 KB	**MD5:** 652f009a7e09f27ec8368b2e4a240a05
tpu.NTx86.21_0.p100l.tgz		739735 KB	**MD5:** a25c72e2244a240c10a252eabd417f47
DeltekMaconomyWSClient25GACU12.zip		559721 KB	**MD5:** ca0bf69af593049e47cef75f51f2dff6
Other current CU files*		**Filesize**	**Checksum**
fpu.iAccess.3.0.6-final-559372.tgz		32987 KB	**MD5**: 9c294b271c3d29e786fef7ee3d71373f
rpu.cpa.21.0.100.5.zip		116799 KB	**MD5**: c4ddf9f6133ffcbdb213a969c1ddd0ad
rpu.standard.21.0.100.5.zip		118048 KB	**MD5**: 02b7aff768915df2f00abcf0926b4831

These files were released as part of a previous update but still apply to the latest CU.

Important TPU Notes for CU 12

The Workspace Client from CU12 is required for this update.

Deltek recommends that you always install the latest version of the Workspace Client in order to ensure compatibility with the most recent CUs.

Software Issues Resolved – Technology (TPU)

PaperFormatInformation Cursor Not Closed

Deltek Tracking: 1362272

The one-time cursor-read operation in 'MIR_PageFormat::getPageFormats(void)' previously did not close the cursor. As a result, this cursor was leaked in the database session and became a long-running cursor operation in the database. This error is corrected.

Workspace Client Error Due to Missing JNA-Libraries

Deltek Tracking: 1365479

The Workspace Client previously threw an exception during initial SSO logins on new Windows installations. This occurred because it was unable to load..\jna…dll libraries. This error is corrected.

Cumulative Update 11 — July 31, 2020

Release Summary

New in Cumulative Update 11			
Support case	**Ticket**	**Type**	**Description**
N/A	1332516	BPM	Swedish SIE Checkbox Additions
N/A	1288716	BPM	SIE Export Error Due to Quotation Marks
N/A	1288747	BPM	SIE Report Unable to Support Multiple Fiscal Years That Start in the Same Calendar Year
N/A	1289242	BPM	Missing #IB and #UB Fields in SIE Extract
N/A	1289254	BPM	Missing #RES Field in SIE Extract
N/A	1292889	BPM	Slow Performance When Running SIE Report
N/A	1324362	Technology (TPU)	Unable to Log In to Touch Using OKTA
N/A	1306592	iAccess	Unable to Log In to iAccess Using OKTA
New files released	**Filesize**	**Checksum**	
apu.w2100.sp100k.zip	882468 KB	**MD5**: 0cbc7ac4e3e5787fd927da6d3ea670d9	
fpu.iAccess.3.0.6-final-559372.tgz	32987 KB	**MD5**: 9c294b271c3d29e786fef7ee3d71373f	
Other current CU files*	**Filesize**	**Checksum**	
DeltekMaconomyWSClient25GACU6.zip	557553 KB	**MD5**: 3ad456749174f3443ccc7a777911dc76	
tpu.LINUX.21_0.p100f.tgz	781806 KB	**MD5**: 220d64e8cb4a9b08ad7086d4702f163e	
tpu.NTx86.21_0.p100f.tgz	738430 KB	**MD5**: 41dee42f5dad59c44194ca43837cc9cf	
rpu.cpa.21.0.100.5.zip	116799 KB	**MD5**: c4ddf9f6133ffcbdb213a969c1ddd0ad	
rpu.standard.21.0.100.5.zip	118048 KB	**MD5**: 02b7aff768915df2f00abcf0926b4831	

These files were released as part of a previous update but still apply to the latest CU.

Software Enhancements – BPM

Swedish SIE Checkbox Additions

Deltek Tracking: 1332516

The **Standard Dimensions** checkbox is added to the SIE export. This checkbox is added as one of the 32 dimensions available in the Workspace Client. The **#TRANS Object List** checkbox is also added so the user has an option whether to include or exclude this on the #TRANS field.

Software Issues Resolved – BPM

SIE Export Error Due to Quotation Marks

Deltek Tracking: 1288716

Previously, if you used quotation marks in the middle of a text in your SIE export file, it caused an error when you submitted the file to third party software. This error is corrected.

SIE Report Unable to Support Multiple Fiscal Years That Start in the Same Calendar Year

Deltek Tracking: 1288747

When you previously ran the SIE Report with multiple fiscal years starting in the same calendar year, some fields, including the **#RAR** field, would not show. This error is corrected.

Missing #IB and #UB Fields in SIE Extract

Deltek Tracking: 1289242

The **#IB** and **#UB** fields did not previously display in the SIE Report. This error is corrected.

Missing #RES Field in SIE Extract

Deltek Tracking: 1289254

The **#RES** field did not display in the SIE Report. This error is corrected.

Slow Performance When Running SIE Report

Deltek Tracking: 1292889

Previously, poor performance was noted when running the SIE report. A company suffix and optimized queries are added to the report to improve the performance when running it.

Software Issues Resolved – Technology (TPU)

Unable to Log In to Touch Using OKTA

Deltek Tracking: 1324362

Browsers: IE11, Chrome, Safari, and Firefox

You could not previously log in to Touch using OKTA SSO. This error is corrected.

Software Issues Resolved – iAccess

Unable to Log In to iAccess Using OKTA

Deltek Tracking: 1306592

Browsers: IE11, Chrome, Safari, and Firefox

You could not previously log in to iAccess using OKTA SSO. This error is corrected.

Cumulative Update 10 – July 15, 2020

Release Summary

New in Cumulative Update 10			
Support case	**Ticket**	**Type**	**Description**
200622-000167	1320702	Application (APU)	Vendor Invoice Performance Issue with Large Number of Allocations
New files released		**Filesize**	**Checksum**
apu.w2100.sp100j.zip		881795 KB	**MD5:** c39de241b30caff67b986cfc732ee0d0
Other current CU files*		**Filesize**	**Checksum**
DeltekMaconomyWSClient25GACU6.zip		557553 KB	**MD5**: 3ad456749174f3443ccc7a777911dc76
tpu.LINUX.21_0.p100f.tgz		781806 KB	**MD5**: 220d64e8cb4a9b08ad7086d4702f163e
tpu.NTx86.21_0.p100f.tgz		738430 KB	**MD5:** 41dee42f5dad59c44194ca43837cc9cf
rpu.cpa.21.0.100.5.zip		116799 KB	**MD5**: c4ddf9f6133ffcbdb213a969c1ddd0ad
rpu.standard.21.0.100.5.zip		118048 KB	**MD5**: 02b7aff768915df2f00abcf0926b4831
fpu.iAccess.3.0.5-final-556799.tgz		32993 KB	**MD5**: d698dee78979f0343cb7daa989bd9257

*These files were released as part of a previous update but still apply to the latest CU.

Software Issues Resolved – Application (APU)

Vendor Invoice Performance Issue with Large Number of Allocations

Deltek Tracking: 1320702

When previously opening Vendor Invoices, performance degradation occurred when a large number of Allocation Lines were included. This error is corrected and performance is optimized for future use.

Cumulative Update 09 – July 03, 2020

Release Summary

New in Cumulative Update 9			
Support case	**Ticket**	**Type**	**Description**
N/A	1301804	Application (APU)	Import Program for UK MTD Tables
200428-000084	1293586	Application (APU)	Open Job Entry on Non-Invoiceable Job
200615-000075	1312707	Application (APU)	Submitted By Field is Set After Approvals are Generated
N/A	1317038	Application (APU)	Submitter on Approval Group is Incorrectly Updated
New files released	**Filesize**	**Checksum**	
apu.w2100.sp100i.zip	874105 KB	**MD5:** 7557427fd196a9c28830b48bd2505cc5	
Other current CU files*	**Filesize**	**Checksum**	
DeltekMaconomyWSClient25GACU6.zip	557553 KB	**MD5:** 3ad456749174f3443ccc7a777911dc76	
tpu.LINUX.21_0.p100f.tgz	781806 KB	**MD5:** 220d64e8cb4a9b08ad7086d4702f163e	
tpu.NTx86.21_0.p100f.tgz	738430 KB	**MD5:** 41dee42f5dad59c44194ca43837cc9cf	
rpu.cpa.21.0.100.5.zip	116799 KB	**MD5:** c4ddf9f6133ffcbdb213a969c1ddd0ad	
rpu.standard.21.0.100.5.zip	118048 KB	**MD5:** 02b7aff768915df2f00abcf0926b4831	
fpu.iAccess.3.0.5-final-556799.tgz	32993 KB	**MD5:** d698dee78979f0343cb7daa989bd9257	

*These files were released as part of a previous update but still apply to the latest CU.

Software Enhancements – Application (APU)

Import Program for UK MTD Tables

Deltek Tracking: 1301804

An import program that allows you to import rows into UK MTD history tables is released. This applies to the following tables:

- VATSubmission
- VATSubmissionEntry

Software Issues Resolved – Application (APU)

Open Job Entry on Non-Invoiceable Job

Deltek Tracking: 1293586

Posting a vendor invoice from a purchase order with job accruals could previously result in an open job entry even when the job was non-invoiceable. This error is corrected.

Submitted By Field is Set After Approvals are Generated

Deltek Tracking: 1312707

When previously submitting a vendor invoice, the **Submitted By** field was set at the end of the process. This meant that it could not be used as a basis for generating approval information. This error is corrected.

Submitter on Approval Group is Incorrectly Updated

Deltek Tracking: 1317038

When you previously made a change to a submitted purchase order, vendor invoice, general journal, or job quote where the change should not require resubmission, the submitter on the approval group was incorrectly set to the name of the user who made the allowed change instead of the original submitter. This error is corrected.

Cumulative Update 08 — June 12, 2020

Release Summary

New in Cumulative Update 8			
Support case	**Ticket**	**Type**	**Description**
N/A	1294401	Application (APU)	Approve Time and Expense Sheet Line Actions Disabled when Approval Hierarchies are Enabled
N/A	1304862	iAccess	Lexer Error When Parsing "OrderTypeType'Quote" in Visibility Expressions
New files released		**Filesize**	**Checksum**
apu.w2100.sp100h.zip		873449 KB	**MD5:** 3ab8ba84e9049200cb8802f97b589af5
fpu.iAccess.3.0.5-final-556799.tgz		32993 KB	**MD5:** d698dee78979f0343cb7daa989bd9257
Other current CU files*		**Filesize**	**Checksum**
DeltekMaconomyWSClient25GACU6.zip		557553 KB	**MD5**: 3ad456749174f3443ccc7a777911dc76
tpu.LINUX.21_0.p100f.tgz		781806 KB	**MD5**: 220d64e8cb4a9b08ad7086d4702f163e
tpu.NTx86.21_0.p100f.tgz		738430 KB	**MD5:** 41dee42f5dad59c44194ca43837cc9cf
rpu.cpa.21.0.100.5.zip		116799 KB	**MD5**: c4ddf9f6133ffcbdb213a969c1ddd0ad
rpu.standard.21.0.100.5.zip		118048 KB	**MD5**: 02b7aff768915df2f00abcf0926b4831

These files were released as part of a previous update but still apply to the latest CU.

Software Issues Resolved – Application (APU)

Approve Time and Expense Sheet Line Actions Disabled When Approval Hierarchies are Enabled

Deltek Tracking: 1294401

Previously, all actions in Approve Time Sheet Lines and Approve Expense Sheet Lines were disabled when approval hierarchies were enabled for either header or line approval. This error is corrected. These windows can now be used for project manager line approval when approval hierarchies are enabled for line approval.

Software Issues Resolved – iAccess

Lexer Error When Parsing "OrderTypeType'Quote" in Visibility Expressions

Deltek Tracking: 1304862

Browsers: IE11, Chrome, Safari, and Firefox

Description: The expression language in iAccess incorrectly parsed expressions that use popups such as "OrderTypeType" and other types starting with an "or", "and", or "not" prefix. This error is corrected.

Cumulative Update 07 — May 29, 2020

Release Summary

New in Cumulative Update 7			
Support case	**Ticket**	**Type**	**Description**
N/A	1291497	iAccess	Users Could Access Workspaces Not in the Menu
N/A	1292765	iAccess	Error in Charts with Multiple Axes and More Than Two Data Series
N/A	1295987	iAccess	Overflow of Columns in Advanced Search Window
N/A	1297524	iAccess	Document Viewer Pane Not Displaying PDFs in Safari
New files released		**Filesize**	**Checksum**
fpu.iAccess.3.0.4-final-555127.tgz		32989 KB	**MD5**: 80b1d64746746b71ee159d57a3895372
Other current CU files*		**Filesize**	**Checksum**
DeltekMaconomyWSClient25GACU6.zip		557553 KB	**MD5**: 3ad456749174f3443ccc7a777911dc76
apu.w2100.sp100f.zip		868553 KB	**MD5:** 0f7a7ddd1214beecb79000cddf721264
tpu.LINUX.21_0.p100f.tgz		781806 KB	**MD5**: 220d64e8cb4a9b08ad7086d4702f163e
tpu.NTx86.21_0.p100f.tgz		738430 KB	**MD5:** 41dee42f5dad59c44194ca43837cc9cf
rpu.cpa.21.0.100.5.zip		116799 KB	**MD5**: c4ddf9f6133ffcbdb213a969c1ddd0ad
rpu.standard.21.0.100.5.zip		118048 KB	**MD5**: 02b7aff768915df2f00abcf0926b4831

*These files were released as part of a previous update but still apply to the latest CU.

Software Issues Resolved -- iAccess

Users Could Access Workspaces Not in the Menu

Deltek Tracking: 1291497

Browsers: IE11, Chrome, Safari, and Firefox

If you logged in to iAccess right after another user with elevated rights, you could access the workspace last viewed by that user. This could occur even if you did not have access rights to this workspace or the relevant menu item. This error is corrected.

Error in Charts with Multiple Axes and More Than Two Data Series

Deltek Tracking: 1292765

Browsers: IE11, Chrome, Safari, and Firefox

Charts with multiple axes and more than two data series previously displayed a runtime error, even though the configuration appeared valid. This error is corrected.

Overflow of Columns in Advanced Search Window

Deltek Tracking: 1295987

Browsers: IE11, Chrome, Safari, and Firefox

Description: During advanced searches (CTRL+G), columns could previously overflow from the search window. This error is corrected.

Document Viewer Pane Not Displaying PDFs in Safari

Deltek Tracking: 1297524

Browser: Safari

Description: When using Safari to view an invoice allocation with a scanned document, you could not see the PDF for that document displayed in the Invoice pane. Instead, iAccess displayed a download link for that PDF. This error is corrected.

Cumulative Update 06 — May 15, 2020

Release Summary

New in Cumulative Update 6			
Support case	**Ticket**	**Type**	**Description**
N/A	1256890	BPM	UK MTD Fraud Prevention Headers
N/A	1278037	Technology (TPU)	Native SSO Persisting Information in Login Session
N/A	1287267	Technology (TPU)	QR Code Center Image Support in MPL
N/A	1269160	BPM	NSAFT: Unable to Extract Vendors or Customers with Zero Balance
200116-000605	1271411	BPM	UK Tax Submission Unable to Handle Different Calendar Years in Period Dates
N/A	1272749	BPM	NSAFT: Temporary Removal of AnalysisPartyInfoStructure
N/A	1272758	BPM	NSAFT: Remapped Fields on AddressStructure
N/A	1272761	BPM	NSAFT: Character Limit Issue on String Fields
N/A	1288427	BPM	NSAFT: Incorrect Data on StandardTaxCodes
N/A	1285001	BPM	NSAFT: Small Amounts Show Due to Incorrect Number Formatting
N/A	1285105	BPM	NSAFT: BankAccountNumber and IBANNumber Displayed Simultaneously
N/A	1285110	BPM	NSAFT: Tax Registration Number Automatically Appended with MVA
N/A	1287136	BPM	Invalid User ID Header for Users with Special Characters in UK MTD

N/A	1288416	BPM	NSAFT: Incorrect Data on Journal Types
N/A	1288424	BPM	NSAFT: Performance Issues
N/A	1267847	Technology (TPU)	APM Logging to Coupling Service Results in High CPU Overhead
N/A	1296116	Technology (TPU)	Search Button Disabled After Switching Radio Buttons
N/A	1271364	Technology (TPU)	Restrictions Not Applied When Selecting Additional Radio Button in Filter
N/A	1265795	Technology (TPU)	Layout Selection with REST2
N/A	1252847	iAccess	Synchronous Notification Recalculation Requests
N/A	1252855	iAccess	Poor Performance in Large, Unvirtualized Tables
N/A	1253928	iAccess	Lexer Error in Expressions With Multiple Quoted Popup Literals
N/A	1275487	iAccess	Filter Returned Error When Used for Expenses and Per Diem
N/A	1286552	iAccess	Disappearing Rows in Long Tables
N/A	1288205	iAccess	Dial Charts Not Rendering Amounts
N/A	1289065	iAccess	Notifications Partially Translated
200226-000157	1259382	Application (APU)	Reverse General Journal Error
200225-000534	1260586	Application (APU)	Exchange Rate on 0-invoices as Invoiced On Account System Parameter Enabled by Default
New files released		**Filesize**	**Checksum**
DeltekMaconomyWSClient25GACU6.zip		557553 KB	**MD5**: 3ad456749174f3443ccc7a777911dc76
apu.w2100.sp100f.zip		868553 KB	**MD5:** 0f7a7ddd1214beecb79000cddf721264

fpu.iAccess.3.0.3-final-554915.tgz	32991 KB	**MD5**: e718bdc6f2ea805b2ec0fc72ef5554d0
tpu.LINUX.21_0.p100f.tgz	781806 KB	**MD5**: 220d64e8cb4a9b08ad7086d4702f163e
tpu.NTx86.21_0.p100f.tgz	738430 KB	**MD5:** 41dee42f5dad59c44194ca43837cc9cf
Other current CU files*	**Filesize**	**Checksum**
rpu.cpa.21.0.100.5.zip	116799 KB	**MD5**: c4ddf9f6133ffcbdb213a969c1ddd0ad
rpu.standard.21.0.100.5.zip	118048 KB	**MD5**: 02b7aff768915df2f00abcf0926b4831

Important TPU Notes for CU 6

The Workspace Client from CU6 is required for this update.

Deltek recommends that you always install the latest version of the Workspace Client in order to ensure compatibility with the most recent CUs.

Statutory Updates

For further information on Statutory installation and updates, see the **Statutory** section in the *Deltek Maconomy BPM Install and Statutory Setup Guide*.

Software Enhancements – BPM

UK MTD Fraud Prevention Headers

Deltek Tracking: 1256890

The UK Making Tax Digital (MTD) Report is enhanced to include fraud prevention headers to meet the requirements of the UK HM Revenue and Customs (HMRC). The fraud prevention headers are HTTP headers that help monitor and audit transactions to protect taxpayers' data from fraudulent activities. The UK Tax Submissions workspace now also enables companies to send these particular types of user audit data to HMRC.

The following header information are added:

Fraud Prevention Header	Value Description
Gov-Client-Connection-Method	The value for this header identifies the other headers that should be submitted to HMRC. The specific value for Maconomy is **OTHER_DIRECT.**
Gov-Client-User-Agent	This value is a combination of the **Operating System Name/Operating System Version (System Manufacturer/System Model)** of the machine where Maconomy is currently installed.

Fraud Prevention Header	Value Description
	System Manufacturer and **System Model** have their own setup in the UK Tax Submission instructions.
Gov-Client-Device-ID	This is the value derived from the Maconomy Installation No.
Gov-Vendor-Version	This is the value derived from the Maconomy major version regardless of CU installation.
Gov-Client-Timezone	The value is derived from the time zone of the machine where Maconomy is installed.
Gov-Client-User-IDs	This is the value derived from the user login name.
Gov-Client-Local-IPs	This value lists all local IP addresses available to the system where Maconomy is installed except Loopback addresses.
Gov-Client-Mac-Addresses	This value lists all local physical addresses available to the system where Maconomy is installed except Loopback addresses.
Gov-Vendor-License-IDs	This is the value derived and hashed from the customer's product key. The information is concealed before submission to HMRC.
Gov-Client-Multi-Factor	This is the value derived from a Multi-Factor Authentication setup. If no Multi-Factor Authentication is set up, no data values are submitted to this header.
	Currently, TOTP or 2FA is only supported for this header value. If it is not included in your setup, we recommend that you set up 2FA in your Maconomy system to comply with HMRC's requirements on Multi-Factor Authentication.
	Note: We also plan to review the following headers for inclusion later:
	▪ Azure
	▪ OneLogin
	If you use a header that is not in the list, please log a ticket with Customer Care so that our development team is aware.

Changes to Maconomy

The UK Tax Submissions single dialog workspace is updated.

Setup in Maconomy

Notes:

Workspace Not Default — The UK Tax Submissions workspace is not added to the Menu as default. Add the workspace per usual procedures, or engage Services as needed.

Tax Settlement Setting — The required setting for the UK MTD functionality is to use the Tax Settlement functionality in Maconomy. Otherwise, UK MTD will be able to produce any data in the Table for submission.

Set up in Maconomy for the UK MTD Tax Submission report includes System Parameter Setup.

System Parameter Setup

To enable this feature:

1. In Maconomy, go to **System Setup » Parameters and Numbers » System Parameters**.

2. Double-click the **BPM Server REST API URL** parameter.

3. On the System Parameter sub-tab, enter the URL to the server in the **BPM Server REST API URL** field.

4. VAT data is calculated using **Tax Settlements Period**, by default. If you need to calculate VAT date using **Entry Dates**:

   a. Double-click the **Use Entry Dates for UK Tax Submission (Making Tax Digital)** parameter.

   b. On the System Parameter sub-tab, select the **Use Entry Dates for UK Tax Submission (Making Tax Digital)** check box.

5. Go to **Single Dialogs » Set-Up » Access Control » Groups** to set up or confirm access to the VAT Submissions and VAT Submission Entries windows.

6. Go to **Single Dialogs » Integrations » Integration Line**. Using the normal Extender process, add the following line to display in the GlobalMenu:

   ```
   <Workspace title="UK Tax Submissions"
   source="uktaxsubmission:UKTaxSubmissionVatSubmissions" />
   ```

7. Verify in the following binding to the **couplingconfiguration.mcsl.xml** file if the standard couplingconfiguration exists. Otherwise, add the following lines:

   ```
   <Binding namespace="mtd">

        <Fields>

          <Field name="HmrcUrl" value="urlRef('mtdhmrcurl') defaultTo
   ''" />

          <Field name="ClientId" value="urlRef('mtdclientid') defaultTo
   ''" />

        </Fields>

   </Binding>
   ```

   Note: Ensure that there are no customized binding with the same namespace and fields as this result to an error when you run the report.

   ---

8. To enable logging, add the following statement to the logback.xml file (<Path to Maconomy installation>\CouplingService\configuration\logback.xml):

```
<logger name="com.deltek.maconomy.bpm.uktaxsubmission"
additivity="false">

    <level value="TRACE" />

    <appender-ref ref="FILE" />

</logger>
```

> **Note:** Other level values available for debugging the errors and fraud header values: ERROR, INFO.

9. Add the following parameters to the Server.ini file (<Path to Maconomy installation>\CouplingService\server.ini):

```
url.mtdhmrcurl = <URL for MTD API>

url.mtdservertoken = <Maconomy server token>

url.mtdclientid = <Maconomy client ID>

url.mtdclientsecret = <Maconomy client secret>

url.mtdsysmanufacturer = <Machine System Manufacturer in the Computer
Information>

url.mtdsysmodel = <Machine System Model in the Computer Information>
```

> Note: Contact PDM for these codes via the Deltek Customer Care/Services teams.

Software Enhancements – Technology (TPU)

Native SSO Persisting Information in Login Session

Deltek Tracking: 1278037

This enhancement consists of two improvements for UK MTD:

- UK MTD: Expose Registration Number in Server Settings (1270575)

- UK MTD: Expose Last Successful Login Timestamp on 2FA Accounts (1270576)

UK MTD: Expose Registration Number in Server Settings

The Registration number of the current installation is now included in the key-value map returned from `'com.maconomy.api.MiServerApi.getServerSettings()'`. The key for this number is `"installation.RegistrationNumber"`.

UK MTD: Expose Last Successful Login Timestamp on 2FA Accounts

The timestamp for the last successful validation of a Maconomy 2FA account is now accessible through the following class method: `'com.maconomy.coupling.login.McTOTPAuthentication.TOTPAccount#getLastSuccess()'`.

QR Code Center Image Support in MPL

Deltek Tracking: 1287267

Prior to this release, MPL supported generating QR codes using the `<barcode>` tag.

For example, the following code:

```
<barcode {"Hello world"} QRCODE>
```

would generate a QR code encoding the "Hello world" text.

With this enhancement, it is now possible to overlay images at the center of a QR code without compromising the QR code's readability. A QR code scanner/app should be able to scan such a QR code successfully even though part of the QR code area is overlaid by an image.

For example, the following code snippet:

```
<barcode {"Hello world, how are you doing?"}
    QRCODE
    height=46mm
    qrOverlayImage={"qrcode\swiss_cross.png"}
```

will overlay the qrcode\swiss_cross.png image from the Maconomy's document archive at the center of the QR code, rendering the following result:

Technically speaking, overlaying images over QR codes is possible because QR codes implement *error correction,* which means that a QR code can still be read by a scanner even though part of it is damaged or covered by an image. The QR code specification lists the following error correction levels and their corresponding theoretical recovery rates (the percent of the coding words that can be missing without affecting the QR code's readability).

- L: 7%
- M: 15%
- Q: 25&
- L: 30%

In practice, the length of the encoded text influences the number of the coding words in the QR code. Moreover, the placement of the overlay image and its size/shape affect the number of the coding words covered by the image. Therefore, in practice, for the QR codes to scan correctly, the overlay image tends to require a size smaller than what those theoretical percentage values would suggest.

It is up to the MPL layout developer to choose the right error correction level and overlay image size depending on the use case and to test the chosen values in practice. These two properties can be set using the following <barcode> attributes:

- `qrErrorCorrection` - the requested error correction level. Valid values are: L (lowest), M, Q, H (highest). The higher the error correction level, the bigger the overlay image can be without affecting the QR code's readability.
  The default values are:
    - L without an overlay image
    - M with an overlay image

- `qrOverlayAreaRatio` - the ratio of the overall QR code's area (including the QR code's silent zone - the white area around the QR code) that the overlay picture should take up. Valid values are from 0.0 to 1.0.
  The default value for error correction level M is 0.05.

Apart from those attributes, one can also set the requested overlay image quality with the qrOverlayQuality attribute. Since the overlay image is drawn over the QR code image, the QR code image has to be scaled up to have enough pixels to draw the overlay image over it without losing quality.

- `qrOverlayQuality` - the requested quality level. Valid values are: L (lowest), M, Q, H (highest).
  Level H indicates that the overlay image should be drawn with the original quality and the QR code image should be scaled up accordingly (up to 2000 x 2000 pixels max). The higher the quality level, the more RAM memory the QR code image will consume when generating a PDF and the bigger the resulting PDF size will be. It is recommended to use the lowest possible value that renders a satisfying quality for the PDF size not explode.
  The default value is Q.

The following example shows how to set all the above described attributes:

```
<barcode {"Hello world, how are you doing?"}
  QRCODE
  height=46mm
  width=46mm
  qrOverlayImage={"qrcode\swiss_flag.png"}
  qrErrorCorrection=M

  qrOverlayAreaRatio=0.025

  qrOverlayQuality=L>
```

and renders the following result:

Software Issues Resolved – BPM

NSAFT: Unable to Extract Vendors or Customers with Zero Balance

Deltek Tracking: 1269160

Previously, the master data for customers, vendors, or suppliers were not included in the extract when they do not have entries for the period selected. This error is corrected. The master data for the transactions is complete, regardless of the period selected.

UK Tax Submission Unable to Handle Different Calendar Years in Period Dates

Deltek Tracking: 1271411

Previously, you could not create VAT Obligations when you entered different calendar years in the **From Date** and **To Date** fields in the UK Tax Submissions workspace. This error is corrected.

NSAFT: Temporary Removal of AnalysisPartyInfoStructure

Deltek Tracking: 1272749

Previously, AnalysisPartyInfoStructure returned incorrect values for the sorted transactions. The structure is temporarily removed until a more permanent fix is introduced.

NSAFT: Remapped Fields on AddressStructure

Deltek Tracking: 1272758

Previously, the system derived the mapping of the AddressStructure from the combination of name fields in the Company Information Card. The values could be incorrectly placed on the elements in the generated XML. This error is corrected. You can now fill out the fields properly. The following are updated in the AddressStructure:

Old Mapping:

- StreetName = Name2 + Name3 + Name4 + Name5

- Number = Name2

- Region = Name3

- AdditionalDetail = Name4 + Name5

New Mapping:

- StreetName = Name2 (Address 1 in WSC Company Card)

- Number = to Name3 (Address 2 in WSC Company Card)

- Region is now removed

- AdditionalDetail = Name4 (Address 3 in WSC Company Card)

NSAFT: Character Limit Issue on String Fields

Deltek Tracking: 1272761

Previously, the generated NSAFT XML did not strictly follow the number of allowed characters on certain fields. This error is corrected. The system now truncates the characters that exceed the maximum length.

NSAFT: Small Amounts Show Due to Incorrect Number Formatting

Deltek Tracking: 1285001

Previously, small balances with many decimal places were visible due to incorrect number formatting. This error is corrected.

NSAFT: BankAccountNumber and IBANNumber Displayed Simultaneously

Deltek Tracking: 1285105

Previously, <BankAccountNumber> and <IBANNumber> were both displayed at the same time. This error is corrected. It now only displays either IBANNumber or BankAccountNumber with IBANNumber taking precedence of BankAccountNumber.

NSAFT: Tax Registration Number Automatically Appended with MVA

Deltek Tracking: 1285110

Previously, NSAFT automatically appended an "MVA" suffix to the tax registration no. of all companies. This error is corrected.

Invalid User ID Header for Users with Special Characters in UK MTD

Deltek Tracking: 1287136

Previously, usernames with special characters were not handled correctly for header submission in UK MTD to HMRC. This error is corrected.

NSAFT: Incorrect Data on Journal Types

Deltek Tracking: 1288416

Previously, the value of the Journal Type in the XML was "A" by default, regardless of the finance transaction's journal type. This error is corrected. The values are now mapped accordingly.

NSAFT: Performance Issues

Deltek Tracking: 1288424

Previously, NSAF-T performed poorly on systems running a large number of transactions. With this correction, NSAF-T performance is improved by approximately 20%.

Note: Deltek will continue to improve performance as issues are reported via Customer Care.

NSAFT: Incorrect Data on StandardTaxCodes

Deltek Tracking: 1288427

Previously, the values for the StandardTaxCodes were predefined to one, 11, or NA but the actual standard tax codes were more than that. Now, NSAFT has a way of mapping tax codes with standard tax

codes using **NSAFT** as the mandatory Option List Name. Tax codes are mapped using the matching Option List Name and standard tax codes in the **Remarks 1** field.

Software Issues Resolved – Technology (TPU)

APM Logging to Coupling Service Results in High CPU Overhead

Deltek Tracking: 1267847

An issue was previously identified in the Maconomy server relating to how server-generated monitor log entries were transferred to the Coupling Service. The issue caused a delay in the completion of certain server operations, which then resulted in the consumption of CPU resources. This error is corrected.

Search Button Disabled After Switching Radio Buttons

Deltek Tracking: 1296116

Previously, the **Search** button was disabled after searching using the **My Customers** radio button and then switching to the **All Customers** radio button in the New Project workspace. This error is corrected.

Restrictions Not Applied When Selecting Additional Radio Button in Filter

Deltek Tracking: 1271364

Previously, user-defined restrictions in the **Customer No.** field in the AR Lookup workspace were not applied when selecting another radio button in the filter. This error is corrected.

Layout Selection with REST2

Deltek Tracking: 1265795

In REST2, it was not possible to select the layout to use when generating prints. This is now updated so that you can select layouts.

Software Issues Resolved – iAccess

Synchronous Notification Recalculation Requests

Deltek Tracking: 1252847

Browsers: IE11, Chrome, Safari, and Firefox

Automatic recalculation of notifications previously happened synchronously. This had the potential to cause delays in the user interface. This error is corrected.

Poor Performance in Large, Unvirtualized Tables

Deltek Tracking: 1252855

Browsers: IE11, Chrome, Safari, and Firefox

Large tables (those with 250 rows or more) were not virtualized properly. This caused updates and row actions to be very slow. This error is corrected.

Lexer Error in Expressions with Multiple Quoted Popup Literals

Deltek Tracking: 1253928

Browsers: IE11, Chrome, Safari, and Firefox

Expressions with multiple quoted popup literals could not previously be parsed. This error is corrected.

Filter Returned Error When Used for Expenses and Per Diem

Deltek Tracking: 1275487

Browsers: IE11, Chrome, Safari, and Firefox

In **iAccess** » **Approval Center** » **Expense sheet** and Per Diem, approvals have a button for filtering. When users clicked the filter button and applied the filter criteria, an 'Internal error: There were errors during the execution of the request' message was shown.

Disappearing Rows in Long Tables

Deltek Tracking: 1286552

Browsers: IE11, Chrome, Safari, and Firefox

When working on tables with more than 25 rows, scrolling up previously caused some rows near the bottom to periodically disappear. This error is corrected.

Dial Charts Not Rendering Amounts

Deltek Tracking: 1288205

Browsers: IE11, Chrome, Safari, and Firefox

Dial charts could not previously render correct amounts. This error is corrected.

Notifications Partially Translated

Deltek Tracking: 1289065

Browsers: IE11, Chrome, Safari, and Firefox

After users updated language settings, iAccess only translated part of each notification's text. This error is corrected.

The term "You have ^0 ^1 awaiting action" should already be part of your dictionary. If you do not see it listed there, you need to add it for the bug fix to work.

Software Issues Resolved – Application (APU)

Reverse General Journal Error

Deltek Tracking: 1259382

Previously, a user posting a journal where a reverse journal was also created and posted was validated as the approver on the reverse journal. This resulted in it not being possible for users to post the original journal or approve them. It also resulted in the user being considered the submitter, and could not then approve their own journals. This error is corrected.

Exchange Rate on 0-invoices as Invoiced On Account System Parameter Enabled by Default

Deltek Tracking: 1260586

The Exchange Rate on 0-invoices as Invoiced On Account system parameter introduced in 2.4.5 was previously enabled by default after upgrade. This was an error. The effect was that 0-invoices used the average exchange rate of the invoices on the account being reconciled with the 0-invoice. This error is corrected so the system parameter is disabled by default.

Note: This correction does not affect the system parameter if you upgraded to 2.4.5 before this error correction. If that is the case, a manual change is required if the new feature is not desired.

Cumulative Update 05 – Feb. 14, 2020

Important Note

> You must reinstall all pre-existing Java extensions using MConfig after installing the APU file for this CU.

Release Summary

New in Cumulative Update 5			
Support case	**Ticket**	**Type**	**Description**
N/A	1227456	BPM	Temporary Removal of Personal Information Report
N/A	1241829	BPM	Incorrect N-SAFT Reporting Structure for Data Export
N/A	1247265	BPM	Incorrect Date Filtering on AR and AP Aging queries in NSAFT
N/A	1248463	Technology (TPU)	Unnecessary Accept-Language Warnings
191121-000115	1232988	Technology (TPU)	Increased Memory Usage When Creating Time Sheet Lines
N/A	1230559	Technology (TPU)	macOS Time Format Contains Invalid Value h:mm:ss a
N/A	1230597	Technology (TPU)	Formats Tab Does Not Remember 'Use Regional Settings' Selection
N/A	1232832	Technology (TPU)	Incorrect Login Behavior After Workspace Client Timeout and Language Change
191220-000384	1232851	Technology (TPU)	Value Selection Popup Displays Too Early

200113-000213	1239822	Technology (TPU)	Language Preference is Not Stored Between User Sessions
New files released		**Filesize**	**Checksum**
DeltekMaconomyWSClient25GACU5.zip		557958 KB	**MD5**: c587258e79df5873eab914debe177756
apu.w2100.sp100e.zip		866519 KB	**MD5:** 2425db928491d056e95308ce1bb89959
fpu.iAccess.3.0.2-final-549019.tgz		32986 KB	**MD5**: f89bf8fd9eba3027a101d4f6e1f596d5
rpu.cpa.21.0.100.5.zip		116799 KB	**MD5**: c4ddf9f6133ffcbdb213a969c1ddd0ad
rpu.standard.21.0.100.5.zip		118048 KB	**MD5**: 02b7aff768915df2f00abcf0926b4831
tpu.LINUX.21_0.p100e.tgz		781754 KB	**MD5**: 0f8ff31eb45b1fc66e54a8f47c7de1dc
tpu.NTx86.21_0.p100e.tgz		738343 KB	**MD5:** 8355f5132ef341f5aa3926b65b623173

Important TPU Notes for CU 5

The Workspace Client from CU5 is required for this update.

Deltek recommends that you always install the latest version of the Workspace Client in order to ensure compatibility with the most recent CUs.

Software Issues Resolved – BPM

Temporary Removal of Personal Information Report

Deltek Tracking: 1227456

The **Personal Information** report that was introduced in Maconomy 2.4.3 turned out to have an incorrect access control. The report applies normal Maconomy access control so the user running the report is able to see employees that they have access to. However, this is not intended and is a misunderstanding or clarification issue in the requirements of the report. The user should only be able to see data about themselves. This means that an additional access control needs to be applied on the report filter.

This report is therefore temporarily removed until a more permanent fix is introduced.

Incorrect N-SAFT Reporting Structure for Data Export

Deltek Tracking: 1241829

The N-SAFT data export uses a reporting structure to group finance data. However, the reporting structure that was previously assumed was the same as the assumed setup for normal finance reporting like running Balance Sheet, Profit and Loss, and Trial Balance reports. This was incorrect because the groups need to follow a certain chart of accounts defined by the Norwegian state. Usually, companies are not interested in adjusting their standard finance reporting structure to that same grouping structure.

This error is corrected. The data export is changed to add **NSAFT** as one of the values that you can enter in the **Selected Value** field in the Reporting Structures workspace. This is assumed setup in Maconomy in order for the N-SAFT report to function after the correction of this bug.

Incorrect Date Filtering on AR and AP Aging queries in NSAFT

Deltek Tracking: 1247265

Previously, the report included amounts that were beyond the selected year-period. This error is corrected.

Software Issues Resolved – Technology (TPU)

Unnecessary Accept-Language Warnings

Deltek Tracking: 1248463

Systems using the REST API previously generated many warnings about Accept-Language being the kernel language. This was not necessarily an issue, so the reporting and subsequent warnings are minimized.

Increased Memory Usage When Creating Time Sheet Lines

Deltek Tracking: 1232988

Browsers: IE11, Chrome, Safari, and Firefox

Increased memory usage was previously noted when creating or navigating time sheet lines. This error is corrected.

macOS Time Format Contains Invalid Value h:mm:ss a

Deltek Tracking: 1230559

In machines using macOS, an error was previously encountered in Preferences Formats tab. After clicking **Restore Defaults**, a "Time format field contains an invalid value" error was encountered. This error is corrected.

Formats Tab Does Not Remember 'Use Regional Settings' Selection

Deltek Tracking: 1230597

When previously clicking **Restore Defaults** then clicking the **Apply** or **OK** buttons, the check mark for **Use regional settings** was not remembered when reopening the Formats tab. This error is corrected.

Incorrect Login Behavior After Workspace Client Timeout and Language Change

Deltek Tracking: 1232832

Previously, users experienced incorrect login behavior in the Workspace Client. This behavior occurred when you logged in and let the Workspace Client go idle. If you then attempted to change the language and then restart the Workspace Client, a login dialog with an empty and disabled username was displayed. Instead, you should have been prompted to re-enter the password before restart so that you could reconnect as expected. This error is corrected.

Value Selection Popup Displays Too Early

Deltek Tracking: 1232851

Previously, the value selection popup in the Jobs workspace was shown too early when multiple search requests were in progress. This meant that a value selected in the popup was not kept after selection. This error is corrected.

Language Preference is Not Stored Between User Sessions

Deltek Tracking: 1239822

The Workspace Client did not previously store the user's preferred language between sessions. This meant that you would have to select the appropriate language each time at login. This error is corrected.

Cumulative Update 04 — Jan. 20, 2020

Release Summary

New in Cumulative Update 4			
Support case	**Ticket**	**Type**	**Description**
191218-000248	1235232	Technology (TPU)	Workspace Client Tabs Have Extra Space in Titles
N/A	1237499	Technology (TPU)	Workspace Client Update Sites Do Not Work for 2.5 and 2.5 CU1, 2 & 3
New files released		**Filesize**	**Checksum**
DeltekMaconomyWSClient25GACU4.zip		557945 KB	**MD5**: 8804afce7b6038f0f65c6dc32786ab20
tpu.LINUX.21_0.p100d.tgz		781740 KB	**MD5**: 6a9b7800f59b78c49858cecb1f8c135a
tpu.NTx86.21_0.p100d.tgz		738336 KB	**MD5**: bacf1f5e61fd21736634295aa4ce496d
Other current CU files*		**Filesize**	**Checksum**
apu.w2100.sp100c.zip		866225 KB	**MD5:** 0a2376c01441c3bb9732e3114c23e60a
rpu.cpa.21.0.100.3.zip		116948 KB	**MD5**: 8b188a3e3227a280d100b9049b4fecc4
rpu.standard.21.0.100.3.zip		118292 KB	**MD5**: 6d6e7dde832d12068983b7ea0ebe153b

Important TPU Notes for CU 4

The Workspace Client from CU4 is required for this update.

Deltek recommends that you always install the latest version of the Workspace Client in order to ensure compatibility with the most recent CUs.

Software Issues Resolved — Technology (TPU)

Workspace Client Tabs Have Extra Space in Titles

Deltek Tracking: 1235232

Previously, the Workspace Client did not render the whitespace in front of tab titles correctly. This error is corrected.

Workspace Client Update Sites Do Not Work for 2.5 and 2.5 CU 1, 2 and 3

Deltek Tracking: 1216216

Previously, the Workspace Client could not correctly use update sites for versions 2.5 and 2.5 CU1, 2 and 3. Only use Workspace Clients version 2.5 CU 4 and later when deploying update sites.

Cumulative Update 03 − Jan. 10, 2020

Important Note

You must reinstall all pre-existing Java extensions using MConfig after installing the APU file for this CU.

Release Summary

New in Cumulative Update 3			
Support case	**Ticket**	**Type**	**Description**
N/A	1206598	Application (APU)	Duplicate Records in Job Entry Payment Information after Crediting
N/A	1206600	Application (APU)	Slow Printing of Blanket Credit Memo on Account
N/A	1221541	BPM	NSAFT: GeneralLedgerAccountID and AccountID Should Contain the Control Account No.
N/A	1221552	BPM	NSAFT: Mandatory Elements Show Empty Value or "NA"
N/A	1218625	Technology (TPU)	Double Login When Entering Invalid User
N/A	1227548	Technology (TPU)	Column Reordering Issues When Using Restrictions
N/A	1225096	Technology (TPU)	macOS Date Format Issue in Workspace Client
N/A	1214683	Technology (TPU)	Caching Not Enabled by Restoring Defaults
N/A	1216213	Technology (TPU)	"Use Regional Settings from Operating System" Does Not Disable User Formatting Widgets
N/A	1216216	Technology	No Alert Shown When Changing Thousand Separator to

		(TPU)	Match Decimal Operator
New files released		**Filesize**	**Checksum**
DeltekMaconomyWSClient25GACU3.zip		557928 KB	**MD5**: 35975086ab83c04ec7c0b37e97976df4
apu.w2100.sp100c.zip		866225 KB	**MD5:** 0a2376c01441c3bb9732e3114c23e60a
rpu.cpa.21.0.100.3.zip		116948 KB	**MD5:** 8b188a3e3227a280d100b9049b4fecc4
rpu.standard.21.0.100.3.zip		118292 KB	**MD5:** 6d6e7dde832d12068983b7ea0ebe153b
tpu.LINUX.21_0.p100c.tgz		781709 KB	**MD5:** f57dbbbb117cc6e0d7f94560fb70e1bf
tpu.NTx86.21_0.p100c.tgz		738296 KB	**MD5:** 3de54ae34950c870be80507ad04569ae

Important TPU Notes for CU 3

The Workspace Client from CU3 is required for this update.

Deltek recommends that you always install the latest version of the Workspace Client in order to ensure compatibility with the most recent CUs.

Software Issues Resolved – Application (APU)

Duplicate Records in Job Entry Payment Information after Crediting

Deltek Tracking: 1206598

Printing a credit memo on account and approving a job invoice allocation previously resulted in duplicate records in the Job Entry Payment Information table. This error is corrected.

Slow Printing of Blanket Credit Memo on Account

Deltek Tracking: 1206600

Printing a blanket credit memo on account was previously slowed down by duplicate records in the internal table Job Entry Payment Information. This error is corrected.

Software Issues Resolved – BPM

NSAFT: GeneralLedgerAccountID and AccountID Should Contain the Control Account No.

Deltek Tracking: 1221541

The following fields in NSAFT previously did not contain the Control Account No.:

- **GeneralLedgerAccountID** - under bank account structure. Defined as Link to a general ledger account. Links external account via payment mode to general ledger.

- **AccountID** - general ledger account code/number for the customer or supplier. This is the account number where this sub account(s) receivable is consolidated in the balance sheet.

This error is corrected.

NSAFT: Mandatory Elements Show Empty Value or "NA"

Deltek Tracking: 1221552

Some mandatory elements previously showed an empty value or "NA" when no values were entered from Maconomy. This error is corrected. "NA" is now used exclusively when no values are entered.

Software Issues Resolved – Technology (TPU)

Double Login When Entering Invalid User

Deltek Tracking: 1218625

Previously, entering an invalid user and attempting to log in again prompted the user to log in twice, even when the second attempt should have been successful. This error is corrected.

Column Reordering Issues When Using Restrictions

Deltek Tracking: 1227548

Previously, using restrictions or reordering columns caused an issue when filtering. This error is corrected.

macOS Date Format Issue in Workspace Client

Deltek Tracking: 1225096

macOS date formats with a single "y" were not previously handled correctly in the Workspace Client. An internal occurred because this was not a valid year format. This error is corrected.

Caching Not Enabled by Restoring Defaults

Deltek Tracking: 1214683

Previously, turning off caching and then clicking **Restore Defaults** under **Preferences** did not enable caching again. This error is corrected.

"Use Regional Settings from Operating Sytem" Does Not Disable User Formatting Widgets

Deltek Tracking: 1216213

Previously, using the **Regional Settings from Operating System** setting in Workspace Client formatting preferences did not disable widgets for user formatting selections. Remaining formatting widgets should have been dimmed as a result of using this setting but were not. This error is corrected.

No Alert Shown When Changing Thousand Separator to Match Decimal Operator

Deltek Tracking: 1216216

Previously, changing the thousand separator to be the same as the decimal operator resulted in no alert being shown at the top of the formatting preferences options. This made it possible to select the same character for use with both the thousand and decimal separators. This error is corrected.

Cumulative Update 02 — Dec. 16, 2019

Release Summary

New in Cumulative Update 2			
Support case	**Ticket**	**Type**	**Description**
N/A	1220397	Application (APU)	Data Conversion Performance Issues in General Journals
N/A	1224488	Application (APU)	System Number Conversion Error in SQL Server
N/A	1222648	Application (APU)	New 'Grant Access to Historic Data' Action
190814-000752	1221658	iAccess	Uneven and Jumping Scrolling in Tables
N/A	1222154	Technology (TPU)	Risk of Infinite Loop Due to Java Library Bug
N/A	1218174	Technology (TPU)	Incorrect User Role Notification Behavior
N/A	1223182	Technology (TPU)	Changing Formatting Preferences Requires Restart
New files released		**Filesize**	**Checksum**
DeltekMaconomyWSClient25GACU2.zip		558169 KB	**MD5**: e7b0354cb4ad3f2128e9aba24568af1d
apu.w2100.sp100b.zip		866367 KB	**MD5**: 9863b5bba860ded487d14bc3c37315ae
fpu.iAccess.3.0.1-final-546107.tgz		32988 KB	**MD5**: 8a96f6b7a59436da1d27cff60daf97a6
tpu.LINUX.21_0.p100b.tgz		781704 KB	**MD5**: 89a29b2416c77cb0f23bf3ba66245062
tpu.NTx86.21_0.p100b.tgz		738293 KB	**MD5:** d73539520ccd22d00b1ebabdfadc0026

Important TPU Notes for CU 2

The Workspace Client from CU2 is required for this update.

Deltek recommends that you always install the latest version of the Workspace Client in order to ensure compatibility with the most recent CUs.

Software Issues Resolved – Application (APU)

Data Conversion Performance Issues in General Journals

Deltek Tracking: 1220397

Previously, slow performance was seen during data conversion. This error is corrected. The execution time of the data conversion step for creating approvals for existing general journals when upgrading to 2.5 is significantly reduced.

System Number Conversion Error in SQL Server

Deltek Tracking: 1224488

Previously, system numbers were not converted correctly in SQL server if the table name was longer than 27 characters. This error is corrected.

New 'Grant Access to Historic Data' Action

Deltek Tracking: 1222648

One of the steps in the data conversion in the upgrade to 2.5 was previously slow during test upgrades. To assist with this issue, the new action **Grant Access to Historic Data** is now used to give approvers access to objects that they have approved in the past.

Software Issues Resolved – iAccess

Uneven and Jumping Scrolling in Tables

Deltek Tracking: 1221658

Browsers: IE11, Chrome, Safari, and Firefox

Previously, scrolling "jumped" and lagged even when all data was available on the client-side. Blank areas appeared when scrolling up and down. This was seen in time sheets with many rows when table assistants were open. This error is corrected.

Software Issues Resolved – Technology (TPU)

Risk of Infinite Loop Due to Java Library Bug

Deltek Tracking: 1222154

Due to a bug in the Java standard library, threads in the Dirmi thread pool could previously go into an infinite loop when writing data to the Workspace Client. The number of threads affected by this would increase over time and continue to consume CPU resources in the Coupling Service until the service was restarted. This error is corrected.

Incorrect User Role Notification Behavior

Deltek Tracking: 1218174

Previously, user role notifications were incorrect for different users. Notifications were duplicated for multiple roles, even when different notification types were set up for each role. This error is corrected. Notifications are no longer duplicated.

Changing Formatting Preferences Requires Restart

Deltek Tracking: 1223182

Previously, changing the date format required a restart to take effect. The new date format should have automatically taken effect in the workspace instead. This error is corrected.

Known Issues

Maconomy 2.5 Update Sites Issue

Defect: 1218198

Maconomy 2.5 cannot use Update Sites to update Workspace Clients from previous versions.

Workaround: When installing a later CU or service pack, customers must deploy the WSC without the use of update sites. See the *Deltek Maconomy System Admin Guide* for details as needed.

Note: Deltek cannot always maintain backwards compatibility between new versions of the Maconomy product. Adoption of new features, technology, and platforms sometimes impedes this possibility.

For Customers upgrading to the Maconomy 2.5 stream, the use of Update Sites to update their User base's Workspace Clients from earlier versions is an example of this limitation, and cannot be supported. As a result, the new Workspace Client must be installed using alternative means of distribution.

The reason for this lack of backwards compatibility regarding the Update Sites in version 2.5 pertains specifically to our migration from Oracle Java JRE to OpenJDK. This strategic shift in Java support was done to help us further scale the solution and continue to empower our customers heading into future versions of the solution.

Note that this is only an initial overhead for customers to manage. Once the new Workspace Client is installed for all users, subsequent updates will work via the Update Site mechanism going forward.

Cumulative Update 01 – Dec.03, 2019

Release Summary

New in Cumulative Update 1			
Support case	**Ticket**	**Type**	**Description**
N/A	1219876	Application (APU)	Cannot Add Approval Information for Quotes Linked to Closed Jobs
N/A	1221612	Application (APU)	Schema Expansion Fails When Upgrading from 2.4.5 to 2.5
New files released		**Filesize**	**Checksum**
apu.w2100.sp100a.zip		864002 KB	**MD5**: fdfbb7dc5f760e0b68ed82c1dbb92e6c

Software Issues Resolved – Application (APU)

Cannot Add Approval Information for Quotes Linked to Closed Jobs

Deltek Tracking: 1219876

When previously upgrading to 2.5, data conversion ended with an error if you had closed jobs with job quotes created on them. This error is corrected.

Schema Expansion Fails When Upgrading from 2.4.5 to 2.5

Deltek Tracking: 1221612

The schema expansion previously failed when upgrading from version 2.4.5 to 2.5. This hotfix must be installed before running the expand script when upgrading to 2.5.