Deltek Maconomy® 2.4.7 CU 4

Cumulative Update Release Notes

August 6, 2021

Contents

Overview

The Maconomy 2.4.7 Cumulative Update (CU) 04 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 **BPM Admin Guide** at the Maconomy Documentation Support Center site.

More Information

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

Cumulative Update 04 — Aug. 06, 2021

Release Summary

New files released	Filesize	Checksum
apu.w2000.sp107d.zip	846376 KB	**MD5**: 5b1a670a93d5b10bbfcda885a4ad4b86

Other current CU files* (TBD)	Filesize	Checksum
tpu.LINUX.20_0.p107c.tgz	792420 KB	**MD5**: e2f4387f91e1a5d092e275c1b3e6bc2c
tpu.NTx86.20_0.p107c.tgz	738029 KB	**MD5**: 815bdfb9c408fc064ff17a948d08df17
DeltekMaconomyWSClient247GACU3.zip	571401 KB	**MD5**: d8fd73da7d620463569748004864ccfc
fpu.iAccess.2.16.2-final-576418.tgz	32932 KB	**MD5**: 8b065776abee0444c50175a1459a1744
rpu.20.sp107.cu003.0572446.s-cpa.zip	115302 KB	**MD5:** c22a35c3f8de5cc48751f6491f5d8f27
rpu.20.sp107.cu003.0572446.s-std.zip	115535 KB	**MD5**: 26c9e7891f8a3636838c81b094b416ae

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:

- 1463960— System Derives Dimensions on Invoice Allocation Lines with Purchase Orders from Job

Software Issues Resolved – Application (APU)

System Derives Dimensions on Invoice Allocation Lines with Purchase Orders from Job

Deltek Tracking: 1463960

Previously, when you created vendor invoices from purchase orders with purchase order lines, the system would derive the task instead of copying them from the purchase order line to the invoice allocation lines. This error is corrected.

Cumulative Update 03 – Jun. 25, 2021

Release Summary

New files released	Filesize	Checksum
apu.w2000.sp107c.zip	829057 KB	**MD5**: 7b0150107f83cf043ecf699994ce2b3e
tpu.LINUX.20_0.p107c.tgz	792420 KB	**MD5**: e2f4387f91e1a5d092e275c1b3e6bc2c
tpu.NTx86.20_0.p107c.tgz	738029 KB	**MD5**: 815bdfb9c408fc064ff17a948d08df17
DeltekMaconomyWSClient247GACU3.zip	571401 KB	**MD5**: d8fd73da7d620463569748004864ccfc
fpu.iAccess.2.16.2-final-576418.tgz	32932 KB	**MD5**: 8b065776abee0444c50175a1459a1744
rpu.20.sp107.cu003.0572446.s-cpa.zip	115302 KB	**MD5:** c22a35c3f8de5cc48751f6491f5d8f27
rpu.20.sp107.cu003.0572446.s-std.zip	115535 KB	**MD5**: 26c9e7891f8a3636838c81b094b416ae

Support Cases

The following resolved software issues are related to support cases:

- 1423696— Incorrect Draft Invoices for Auto-Calculated Surcharges at Invoicing on Account
- 1423886— Find_<entity> Containers Not Available for Custom Entities
- 1465687— Server Crashes When Running ImportJobsOld from Mscript or Portal

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 Enhancements – BPM

UK MTD

UK MTD Fraud Header Updates

Deltek Tracking: 1416245

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 Setup by Country » United Kingdom in the BPM Admin Guide for more information.**
- Gov-Vendor-Product-Name

UK MTD Period Keys Change on Obligation Lines

Deltek Tracking: 1416243

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.

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

Deltek Tracking: 1416240, 1416242

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 **Setup by Country » United Kingdom » Making Tax Digital (MTD) Tax Submission Report » Set Up Country Code Fields in the BPM Admin Guide** for more information.

Software Issues Resolved – BPM

UK MTD

Authorization Code Issue

Deltek Tracking: 1429800

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: 1437802

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 **Setup by Country » United Kingdom » UK PVA and RCM » Popup Field Setup** in the **BPM Admin Guide** for more information.

UK MTD: Negative Figures Unsupported on Box 5

Deltek Tracking: 1392220

This is by design that Box 5 cannot have negative figures as HMRC does not accept negative figures for this box. This error has been corrected.

NSAFT

Tax Registration Number is Not Mapped to VAT Number

Deltek Tracking: 1432216

<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: 1441948

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: 1441986

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.

Values Exceed Character Limit When Symbols Are Included

Deltek Tracking: 1412845

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: 1412863

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: 1412872

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: 1413716

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: 1413723

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.

Software Issues Resolved – Application (APU)

Empty FinanceEntryInstanceKey in the VendorEntry

Deltek Tracking: 1437844

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.

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

Deltek Tracking: 1423696

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.

Software Issues Resolved – Technology (TPU)

Find_<entity> Containers Not Available for Custom Entities

Deltek Tracking: 1423886

Previously, auto-generated find_<entity> containers were not available for any custom entities. This error is corrected.

Cannot Obtain Business Objects Log Session Through RESTful API

Deltek Tracking: 1440765

Due to a regression introduced by an unrelated error correction, it was no longer possible to obtain a Business Objects log session through the Maconomy RESTful API. As a result, it was not possible to run Business Objects reports from iAccess. This error is corrected.

Server Crashes When Running ImportJobsOld from Mscript or Portal

Deltek Tracking: 1465687

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

Software Issues Resolved – iAccess

Action Bar Misaligned Due to Word Wrapping In Name Field

Deltek Tracking: 1454872

Browsers: Chrome, Safari, and Firefox

Very long record names with no spaces caused iAccess to render a workspace as follows:

- The record name extended past the limits or margins of the workspace.
- The actions displayed below the record name, and flush to the left side of the workspace.
- The record status appeared below the actions.

This is now corrected.

Cumulative Update 02 – Feb. 12, 2021

Release Summary

New in Cumulative Update 2			
Support case	**Ticket**	**Type**	**Description**
N/A	1389213	BPM	UK MTD PVA: Box 6 is Not Populated for Gold Transactions
N/A	1389719	BPM	UK MTD PVA WebI: Box 6 is Not Populated for Gold Transactions
N/A	1393001	BPM	UK MTD WebI: Boxes 1 and 9 are Populated for Services
N/A	1400981	BPM	UK MTD: Incorrect Fraud Header Format When Machine Set to Coordinated Universal Time (UTC)
N/A	1397508	BPM	SIE: #TRANS Field Does Not Balance
N/A	1397552	BPM	SIE: Grouping Level 1 Contains " " in #SRU Code
N/A	1397656	BPM	SIE: Add #PROGRAM Release Version
N/A	1417439	BPM	SIE: #VER Does Not Balance When Using Job Journal for Creating Multiple Transactions
N/A	1417447	BPM	SIE: Amounts Not Written Using Period as Decimal Delimiter
N/A	1397743	BPM	Improve and Optimize SIE Queries
N/A	1388957	BPM	Missing Elements on NSAFT File
N/A	1338444	BPM	NSAFT: Truncated XML Occurs Even When Background Task is Successful
N/A	1405000	BPM	NSAFT: Multiple Tax Entries Under Transaction Result in Multiple Lines in XML
N/A	1405007	BPM	NSAFT: <NumberOfEntries> is Counted Incorrectly
N/A	1405015	BPM	NSAFT: <Description> for <Transaction> should be mapped to Transaction Type instead of Entry Text
N/A	1405023	BPM	NSAFT: Field Restrictions on Character Limits
N/A	1405030	BPM	NSAFT: Opening Balance of Customers and Suppliers Always Set to Zero
N/A	1405037	BPM	NSAFT: AuditFileVersion is Set to 1.00 Instead of 1.10
N/A	1412837	BPM	NSAFT: Opening Balance Includes Transactions from First Day of Selected Period

N/A	1410328	Technology (TPU)	Java-applets Cannot Use Customized Layouts From 2.3
N/A	1406628	Technology (TPU)	CPU Bottleneck Results in Performance Problems
201111-000208	1391082	Technology (TPU)	Error When Locking and Reading Container Instance In or From Database Cache
201012-000110	1406619	Technology (TPU)	Memory Leak in Maconomy Server
N/A	1365477	Technology (TPU)	Workspace Client Error Due to Missing JNA-Libraries
200303-000828	1381260	Technology (TPU)	Handling of Interrupted Status in McClientProxy in Workspace Client
N/A	1392096	Technology (TPU)	Workspace Client Redraw Issues When Running macOS Big Sur
New files released		**Filesize**	**Checksum**
apu.w2000.sp107b.zip		1081 KB	**MD5**: d7d25031c87a1297eb188946ed968e75
tpu.LINUX.20_0.p107b.tgz		792388 KB	**MD5**: b3791c532a96c20396729496e39584e0
tpu.NTx86.20_0.p107b.tgz		737977 KB	**MD5**: 803d2c5d7c7cff258f38841996373d7e
DeltekMaconomyWSClient247GACU2.zip		571326 KB	**MD5**: d9a71672ab6dd4335db975b40430e352
rpu.20.sp107.cu002.0568607.s-std.zip		115401 KB	**MD5**: 5e73992265181948ebce3b08fd1baf2d
rpu.20.sp107.cu002.0568607.s-cpa.zip		115077 KB	**MD5**: 44a528bb3f3e56193c50b21ee8a4fc6f
Other current CU files* (TBD)		**Filesize**	**Checksum**
fpu.iAccess.2.16.1-final-566601.tgz		32930 KB	**MD5**: 3a446183042f513847417248938a0aa8

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

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 – BPM

NSAFT

Truncated XML Occurs Even When Background Task is Successful

Deltek Tracking: 1338444

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: 1341494

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

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

- `<SystemEntryTime>` is removed. 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: 1405000

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: 1405007

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: 1405015

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

Field Restrictions on Character Limits

Deltek Tracking: 1405023

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: 1405030

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: 1405037

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: 1412837

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

SIE

#TRANS Field Does Not Balance

Deltek Tracking: 1397508

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.

Grouping Level 1 Contains " " in #SRU Code

Deltek Tracking: 1397552

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.

Add #PROGRAM Release Version

Deltek Tracking: 1397656

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: 1397743

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.

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

Deltek Tracking: 1417439

#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: 1417447

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.

UK MTD

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

Deltek Tracking: 1400981

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 included in this release. These changes will be handled in a future release.

PVA: Box 6 is Not Populated for Gold Transactions

Deltek Tracking: 1389213

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.

PVA (WebI): Box 6 is Not Populated for Gold Transactions

Deltek Tracking: 1389719

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.

WebI: Boxes 1 and 9 are Populated for Services

Deltek Tracking: 1393001

Boxes 1 and 9 were previously populated when **Tax Popup 1** = **Services**. This is an error as these boxes should only be populated for Goods transactions in EU countries. This error is corrected.

Software Issues Resolved – Technology (TPU)

Java-applets Cannot Use Customized Layouts From 2.3

Deltek Tracking: 1410328

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: 1406628

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.

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

Deltek Tracking: 1391082

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

Memory Leak in Maconomy Server

Deltek Tracking: 1406619

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

Workspace Client Error Due to Missing JNA-Libraries

Deltek Tracking: 1365477

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.

Handling of Interrupted Status in McClientProxy in Workspace Client

Deltek Tracking: 1381260

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.

Workspace Client Redraw Issues When Running macOS Big Sur

Deltek Tracking: 1392096

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

Known Issues

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.

Cumulative Update 01 – Dec. 04, 2020

Release Summary

New in Cumulative Update 1			
Support case	**Ticket**	**Type**	**Description**
N/A	1365466	BPM	UK Postponed Vat Accounting (PVA) and Reverse Charge Mechanism (RCM)
N/A	1325808	BPM	UK MTD Boxes Do Not Support Reverse Charge Mechanism
N/A	1364653	BPM	Add Report-Specific Reporting Structure in Selection Criteria for SIE
New files released		**Filesize**	**Checksum**
apu.w2000.sp107a.zip		1060 KB	**MD5**: b8131b044bf1d0ada18493fe8eb1d60b
fpu.iAccess.2.16.1-final-566601.tgz		32930 KB	**MD5**: 3a446183042f513847417248938a0aa8
rpu.20.sp107.cu001.1.s-std.zip		115394 KB	**MD5**: 2c6c0878fa5d1bb940f5ec6cdf671eca
rpu.20.sp107.cu001.1.s-cpa.zip		115079 KB	**MD5**: f0e90f3c9b544fdfc4ef3b96bae9029c

Software Enhancements – BPM

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

Deltek Tracking: 1365466

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.

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.
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.

Box No.	Box Use	Details
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.
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

Box No.	Box Use	Details
		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 Excluding VAT**	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 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.

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)

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**
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.	**No**

Prompt Title	Expression	Mandatory
	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	
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
	Vendor Tax No.

Add Report-Specific Reporting Structure in Selection Criteria for SIE

Deltek Tracking: 1364653

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: 1325808

UK MTD Boxes 1, 4, 6, and 7 Do Not Support Reverse Charge Mechanism

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.