# Deltek Maconomy® 2.4.2 CU8

## Cumulative Update Release Notes

**January 22, 2021**

While Deltek has attempted to verify that the information in this document is accurate and complete, some typographical or technical errors may exist. The recipient of this document is solely responsible for all decisions relating to or use of the information provided herein.

The information contained in this publication is effective as of the publication date below and is subject to change without notice.

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# Contents

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# Overview

The Maconomy 2.4.2 Cumulative Update (CU) 08 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.

# More Information

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

# Cumulative Update 08 — Jan. 22, 2021

## Release Summary

| New in Cumulative Update 8 | | | |
|---|---|---|---|
| **Support case** | **Ticket** | **Type** | **Description** |
| N/A | 1389801 | Technology (TPU) | Workspace Client Versions Below 2.4.5 Unresponsive When Launched Under macOS Big Sur |
| N/A | 1392103 | Technology (TPU) | Workspace Client Redraw Issues When Running macOS Big Sur |
| **New files released** | | **Filesize** | **Checksum** |
| tpu.LINUX.20_0.p102h.tgz | | 934657 KB | **MD5**: 09b61021c4c2156f646e93477b69dd71 |
| tpu.NTx86.20_0.p102h.tgz | | 865066 KB | **MD5**: 0e99a899444ace060486c353faccd601 |
| DeltekMaconomyWSClient242GACU8.zip | | 732699 KB | **MD5**: 47de8069b599f163101cfa2e57c9be21 |
| **Other current CU files*** | | **Filesize** | **Checksum** |
| spu.20_0.pso.v0200.sp102e.tgz | | 16836 KB | **MD5**: 0d393e552f2a27cc20c3ecfb4c7a383e |
| rpu.standard.20.0.102.1.zip | | 116170 KB | **MD5**: 3094f8452431c31f68e798004d236251 |
| rpu.cpa.20.0.102.1.zip | | 117208 KB | **MD5**: 447a5b5e98d151ab4e1635a206da3a65 |
| apu.w2000.sp102g.zip | | 47505 KB | **MD5:** f4dcc2067ee0015f67aec2b4c5a7603d |

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

## Important TPU Notes for CU 8

The Workspace Client from CU8 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 Versions  Below 2.4.5 Unresponsive When Launched Under macOS Big Sur

**Deltek Tracking: 1389801**

Previously, Workspace Clients below version 2.4.5 became unresponsive when launched using macOS Big Sur. This error is corrected.

## Workspace Client Redraw Issues When Running macOS Big Sur

**Deltek Tracking: 1392103**

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

# Cumulative Update 07 — Feb. 7, 2020

## Release Summary

| New in Cumulative Update 7 | | | |
|---|---|---|---|
| **Support case** | **Ticket** | **Type** | **Description** |
| N/A | 1237126 | Application (APU) | Automatically Approved Time Sheet Has Blank Approval Status, Approved By and Approval Date Fields |
| 190930-000263 | 1237129 | Application (APU) | Infinite Loop in Distribute Job Favorites |
| 190524-000232 | 1172411 | Technology (TPU) | Intermittent Internal Error When Reorganizing Columns in Filters |
| **New files released** | | **Filesize** | **Checksum** |
| DeltekMaconomyWSClient242GACU7.zip | | 732816 KB | **MD5**: 85eae7f7bc2530292959746441e613fa |
| apu.w2000.sp102g.zip | | 47505 KB | **MD5:** f4dcc2067ee0015f67aec2b4c5a7603d |
| tpu.NTx86.20_0.p102g.tgz | | 864206 KB | **MD5**: 8fa778f778ab81e674381da1b39494cb |
| tpu.LINUX.20_0.p102g.tgz | | 925145 KB | **MD5**: 8fa778f778ab81e674381da1b39494cb |
| **Other current CU files*** | | **Filesize** | **Checksum** |
| spu.20_0.pso.v0200.sp102e.tgz | | 16836 KB | **MD5**: 0d393e552f2a27cc20c3ecfb4c7a383e |
| rpu.standard.20.0.102.1.zip | | 116170 KB | **MD5**: 3094f8452431c31f68e798004d236251 |
| rpu.cpa.20.0.102.1.zip | | 117208 KB | **MD5**: 447a5b5e98d151ab4e1635a206da3a65 |

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

## Important TPU Notes for CU 7

The Workspace Client from CU7 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)

## Automatically Approved Time Sheet Has Blank Approval Status, Approved By and Approval Date Fields

**Deltek Tracking: 1237126**

If approval hierarchies were enabled for time sheet lines and the field **Automatic approval if no approvers specified** was selected on the approval hierarchy, the **Approved by**, **Approval Date** and **Approval, Project Manager** fields on time sheet lines were blank after you submitted a time sheet. This error is corrected.

## Infinite Loop in Distribute Job Favorites

**Deltek Tracking: 1237129**

It was previously possible to render the client irresponsive when distributing favorites. This error is corrected.

# Software Issues Resolved – Technology (TPU)

## Intermittent Internal Error When Reorganizing Columns in Filters

**Deltek Tracking: 1172411**

An internal error about a missing McIdentifier previously occurred intermittently when reorganizing columns in filters. The error is corrected.

# Cumulative Update 06 − June 21, 2019

## Release Summary

| New in Cumulative Update 6 | | | |
|---|---|---|---|
| **Support case** | **Ticket** | **Type** | **Description** |
| N/A | 1121133 | Technology (TPU) | Extension Code Execution Error in Table Rows |
| **New files released** | | **Filesize** | **Checksum** |
| tpu.NTx86.20_0.p102f.tgz | | 864208 KB | **MD5**: f772b05a7d9cef25ad5f0326335c1933 |
| tpu.LINUX.20_0.p102f.tgz | | 925203 KB | **MD5**: 652293d84f380e3ebd011338580e00d0 |
| DeltekMaconomyWSClient242GACU6.zip | | 733091 KB | **MD5**: cd07cca339c500907be4d0726d11bdb3 |
| **Other current CU files*** | | **Filesize** | **Checksum** |
| apu.w2000.sp102e.zip | | 3689 KB | **MD5**: e309bb71d423508c6f935aa1a90c8ef9 |
| spu.20_0.pso.v0200.sp102e.tgz | | 16836 KB | **MD5**: 0d393e552f2a27cc20c3ecfb4c7a383e |
| rpu.standard.20.0.102.1.zip | | 116170 KB | **MD5**: 3094f8452431c31f68e798004d236251 |
| rpu.cpa.20.0.102.1.zip | | 117208 KB | **MD5**: 447a5b5e98d151ab4e1635a206da3a65 |

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

## 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.

## Software Issues Resolved − Technology (TPU)

### Extension Code Execution Error in Table Rows

**Deltek Tracking: 1121133**

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

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

**Workaround Before Fix**:

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

For example,

-XX:AutoBoxCacheMax=5000

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

*Notice:* if you have specified the server-option

-r*nnnn*

the value should be set to *nnnn*

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

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

# Cumulative Update 05 — May 10, 2019

## Release Summary

| New in Cumulative Update 5 | | | |
|---|---|---|---|
| **Support case** | **Ticket** | **Type** | **Description** |
| 190327-000404 | 1097314 | Application (APU+SPU) | Unable to Reconcile Customer Intercompany Customer Payments |
| N/A | 1107269 | Technology (TPU) | Maconomy Server Automatically Commits Unsound Data |
| **New files released** | | **Filesize** | **Checksum** |
| apu.w2000.sp102e.zip | | 3689 KB | **MD5**: e309bb71d423508c6f935aa1a90c8ef9 |
| spu.20_0.pso.v0200.sp102e.tgz | | 16836 KB | **MD5**: 0d393e552f2a27cc20c3ecfb4c7a383e |
| tpu.NTx86.20_0.p102e.tgz | | 864231 KB | **MD5**: 695150f34478db0ebbf1664b800f4cf9 |
| tpu.LINUX.20_0.p102e.tgz | | 925207 KB | **MD5**: 5560b56daae7aaabb3584c62ab379461 |
| DeltekMaconomyWSClient242GACU5.zip | | 733067 KB | **MD5**: e36bce4bdfed7c4b6f4b0da51623e004 |
| **Other current CU files*** | | **Filesize** | **Checksum** |
| rpu.standard.20.0.102.1.zip | | 116170 KB | **MD5**: 3094f8452431c31f68e798004d236251 |
| rpu.cpa.20.0.102.1.zip | | 117208 KB | **MD5**: 447a5b5e98d151ab4e1635a206da3a65 |

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

## 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 — Application (APU + SPU)

### Unable to Reconcile Customer Intercompany Customer Payments

**Deltek Tracking: 1097314**

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

**Customers Impacted**: All.

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

# Software Issues Resolved – Technology (TPU)

## Maconomy Server Automatically Commits Unsound Data

**Deltek Tracking: 1107269**

**Description**: Previously, a warning appeared when a user-initiated operation took place. In some of these cases, the Maconomy server would unintentionally commit unsound data if the warning was left hanging for more than 300 seconds.

**Customers Impacted**: All.

**Workaround Before Fix**:  The warning timeout can be set lower than the internal hardcoded timeout by performing the following step:

1.  In CouplingService server.ini, set the value of *network.timeout* to  *270* (it is typically not set).

# Cumulative Update 04 — Mar. 29, 2019

## Release Summary

| New in Cumulative Update 4 | | | |
|---|---|---|---|
| N/A | 722380 | Technology (WSC) | Server Response Contains Platform Information |
| **Nw files released** | | **Filesize** | **Checksum** |
| tpu.NTx86.20_0.p102d.tgz | | 864220 KB | **MD5**: 7196faa126b971b0768cbbaded2d93af |
| tpu.LINUX.20_0.p102d.tgz | | 925197 KB | **MD5**: 8538e7bea851d46a98b30afd2d28827c |
| DeltekMaconomyWSClient242GACU4.zip | | 733059 KB | **MD5**: 99ae8d0ec2d33882affa89956d045c5a |
| **Other current CU files*** | | **Filesize** | **Checksum** |
| apu.w2000.sp102b.zip | | 1874 KB | **MD5**: 1c228e19f33f8cdea2bc88fc87d4c53c |
| rpu.standard.20.0.102.1.zip | | 116170 KB | **MD5**: 3094f8452431c31f68e798004d236251 |
| rpu.cpa.20.0.102.1.zip | | 117208 KB | **MD5**: 447a5b5e98d151ab4e1635a206da3a65 |

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

## 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 (WSC)

### Server Response Contains Platform Information

**Deltek Tracking: 722380**

**Description**: Responses from the server previously contained information about the platform that hosts the application. These responses could sometimes contain specific version numbers of running software. This error is corrected. A method is now used to ensure that version information is not shown in server responses.

**Customers Impacted**: All.

**Workaround Before Fix**: None.

# Cumulative Update 03 — Dec. 21, 2018

## Release Summary

| New in Cumulative Update 3 | | | |
|---|---|---|---|
| **Support case** | **Ticket** | **Type** | **Description** |
| N/A | 1032521 | Technology (TPU) | Core Support for BO SP5 Patch 5 |
| N/A | 1047104 | Technology (TPU) | Optimize Memory Allocation for User Connections |
| N/A | 1047152 | Technology (TPU) | Coupling Service: Disable Explicit GC |
| **New files released** | **Filesize** | **Checksum** | |
| tpu.NTx86.20_0.p102c.tgz | 864176 KB | **MD5**: e993c22af7b75bdd37de2c82445290d1 | |
| tpu.LINUX.20_0.p102c.tgz | 925164 KB | **MD5**: 832c6e1eb40ae8450824f86caf6cbe28 | |
| DeltekMaconomyWSClient242GACU3.zip | 732942 KB | **MD5**: a3e397797fbb0fb786e7902741ba8013 | |
| **Other current CU files*** | **Filesize** | **Checksum** | |
| apu.w2000.sp102b.zip | 1874 KB | **MD5**: 1c228e19f33f8cdea2bc88fc87d4c53c | |
| rpu.standard.20.0.102.1.zip | 116170 KB | **MD5**: 3094f8452431c31f68e798004d236251 | |
| rpu.cpa.20.0.102.1.zip | 117208 KB | **MD5**: 447a5b5e98d151ab4e1635a206da3a65 | |

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

## Important TPU Notes for CU 3

The Workspace Client from CU2 or above 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.

To allow the system to run on the CU2 Workspace Client, you must perform an extra installation step.

**Follow these steps:**

1. On the coupling service, update the version.info file, which states the compatibility rules for the coupling service. Specifically, add needed versions in the ALLOW line, as follows:

   ```
   ALLOW 20.0.102.2 20.0.102.3
   ```

   This line defines a range of allowed versions.

2. Restart the coupling service.

# Software Enhancements – Technology (TPU)

## Core Support for BO SP5 Patch 5

**Deltek Tracking: 1032521**

**Description**: This enhancement introduces support for Business Intelligence (BI) Platform version 4.2 SP05 Patch 5, which is needed for the latest version of BPM reports.

**Note**: Upgrade instructions are available in the *Deltek Maconomy BPM BI 4.2 Upgrade Guide*.

## Optimize Memory Allocation for User Connections

**Deltek Tracking: 1047104**

**Description:** A number of improvements are implemented to reduce the memory consumption of the Coupling Service. The improvements address areas such as network connection buffers, user-specific data structures, and caching of shared data. With these improvements, the Coupling Service is expected to consume less additional memory when it scales to handle peak load situations.

**Customers Impacted**: All.

**Workaround Before Fix**: None.

## Coupling Service: Disable Explicit GC

**Deltek Tracking: 1047152**

**Description**: The JVM property '-XX:+DisableExplicitGC' is added to the Coupling Service launch configuration. This option disables explicit invocations of the Java Garbage Collector (GC) and has been observed to reduce the number of full-GC runs and improve system performance.

**Customers Impacted**:  Impacts customers using GC.

**Workaround Before Fix**: None.

**Deltek**

# Cumulative Update 02 — Oct. 30, 2018

## Release Summary

| New in Cumulative Update 2 | | | |
|---|---|---|---|
| **Support case** | **Ticket** | **Type** | **Description** |
| 180903-000170 | 1015124 | Application (APU) | Delete Tasks Action Locking Issue |
| 180914-000002 | 1016447 | Technology (WSC) | Incorrect Record is Selected When Clicking in Filters Sorted on String Fields |
| **New files released** | | **Filesize** | **Checksum** |
| apu.w2000.sp102b.zip | | 1874 KB | **MD5**: 1c228e19f33f8cdea2bc88fc87d4c53c |
| tpu.NTx86.20_0.p102b.tgz | | 863033 KB | **MD5**: 2a7266bcea35734eb9d00bdf5b3a4e8a |
| tpu.LINUX.20_0.p102b.tgz | | 924013 KB | **MD5**: 9a0e72fe380ea6fdd229b076bc5e1637 |
| DeltekMaconomyWSClient242GACU2.zip | | 732944 KB | **MD5**: 339f45d3c0cd959e5f71e54cd55164d3 |
| **Other current CU files*** | | **Filesize** | **Checksum** |
| rpu.standard.20.0.102.1.zip | | 116170 KB | **MD5**: 3094f8452431c31f68e798004d236251 |
| rpu.cpa.20.0.102.1.zip | | 117208 KB | **MD5**: 447a5b5e98d151ab4e1635a206da3a65 |

*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 – Application (APU)

### Delete Tasks Action Locking Issue

**Deltek Tracking: 1015124**

**Description**: Previously, using the **DeleteTasksCompletedBeforeDate** action resulted in a very long run time and led to additional sessions being locked as a result.

This error is corrected. The algorithm is updated so that the process is significantly faster, thereby reducing the period of time locks are held.

**Customers Impacted**: Those running background tasks while using SQLServer.

**Workaround Before Fix**: None

## Software Issues Resolved – Technology (TPU)

### Incorrect Record is Selected When Clicking in Filters Sorted on String Fields

**Deltek Tracking: 1016447**

**Description**: When a filter was previously sorted on a string field, clicking a record in that filter resulted in the selection of a different, arbitrary record. This error is corrected.

**Customers Impacted**: All

**Workaround Before Fix**: None

# Cumulative Update 01 – Aug. 17, 2018

## Release Summary

| New in Cumulative Update 1 | | | |
|---|---|---|---|
| **Support case** | **Ticket** | **Type** | **Description** |
| N/A | 969678 | Technology (TPU) | Coupling Service: Long Text Emulation Extension Leak |
| **Files released** | | **Filesize** | **Checksum** |
| tpu.NTx86.20_0.p102a.tgz | | 863044 KB | **MD5**: 04ad9992edfad6c16ae41c10466a66fe |
| tpu.LINUX.20_0.p102a.tgz | | 924016 KB | **MD5**: 67e54ccfdb8326c5f2749ac27232faee |
| DeltekMaconomyWSClient242GACU1.zip | | 732840 KB | **MD5**: 3596ee69bc03c201dded3e282c87b2fd |
| rpu.standard.20.0.102.1.zip | | 116170 KB | **MD5**: 3094f8452431c31f68e798004d236251 |
| rpu.cpa.20.0.102.1.zip | | 117208 KB | **MD5**: 447a5b5e98d151ab4e1635a206da3a65 |

## Important TPU Notes for CU 1

The Workspace Client from CU1 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.

To allow the system to run on the CU1 Workspace Client, you must perform an extra installation step.

**Follow these steps:**

2. On the coupling service, update the version.info file, which states the compatibility rules for the coupling service. Specifically, add needed versions in the ALLOW line, as follows:

   ```
   ALLOW 20.0.102.0 20.0.102.1
   ```

   This line defines a range of allowed versions.

3. Restart the coupling service.

## Software Issues Resolved – Technology (TPU)

### Coupling Service: Long Text Emulation Extension Leak

**Deltek Tracking: 969678**

**Description**: A resource leak using a large amount of memory for a very long time was previously identified. This leak occurred for "emulated long text" containers (prefixed with maconomylongtext: in their

internal name). As a result, customers could experience various kinds of errors, including an "SQL Cursor Cache overflow".

**Customers Impacted**: Any customers using "emulated long text" (i.e., using one of the containers `maconomylongtext:InvoiceEditing, maconomylongtext:ShowJobInvoice, maconomylongtext: ShowJobCreditMemo, maconomylongtext:JobInvoiceCrediting, maconomylongtext:Requisitions, maconomylongtext:PurchaseOrders, maconomylongtext:RequestsForQuote, maconomylongtext:InvoiceAllocation, maconomylongtext:InvoiceReallocation, maconomylongtext:QuoteEditing and maconomylongtext:QuoteRevisions`

**Workaround Before Fix**: None

**Additional Notes**: None

# About Deltek

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