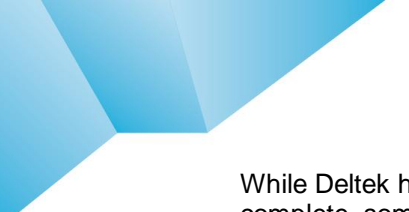# Deltek Maconomy® 2.3 GA CU4

Cumulative Update Release Notes

March 20, 2017

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Contents

Overview

The Maconomy 2.3 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.

Install the Cumulative Update

Copy the APU/TPU to the PUs folder on the server and install using MConfig (preferably the latest version).
Note: Refer to the *Deltek Maconomy Installation Guide* for more details.

> Customized specification languages do not automatically convert to the new syntax upon upgrade, and you must use a new tool to upgrade them manually. See the MyxL Tool Updates Custom Languages section in this document and *DeltekMaconomy23GAUpgradeGuideMSSQL* or *DeltekMaconomy23GAUpgradeGuideOracle* for more information.

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 04 — Released Mar. 20, 2017

Cumulative updates for Maconomy 2.3 are available on DSM under Maconomy 2.3 (GA), Cumulative Updates.

Release Summary

New in Cumulative Update 4 Released: March 20th, 2017			
Support case	**Ticket**	**Type**	**Description**
N/A	777883	Application (APU)	Bug in standalone import program "Import Jobs Old"
Files released		**Filesize**	**Checksum**
apu.w1900.sp100d.zip		702193 KB	**MD5**: 2599a23445c747805e9de3af3f6e9598
StandAloneProgramsW1900sp100d.zip		2074 KB	**MD5**: 6a61cb408980fedcf529344235628077

Software Issues Resolved

Application (APU)

Bug in Standalone Import Program "Import Jobs Old"

Deltek Tracking: 777883

Previously, a bug in the standalone import program "Import Jobs Old" caused the program to fail when run through the MScript API.

Cumulative Update 03 — Released Mar. 10, 2017

Cumulative updates for Maconomy 2.3 are available on DSM under Maconomy 2.3 (GA), Cumulative Updates.

Release Summary

New in Cumulative Update 3 Released: March 10th, 2017			
Support case	**Ticket**	**Type**	**Description**
170202-000250	774511	Application (APU)	GL Entries Analyzer Multiplying Amounts on Maconomy
N/A	774540	Application (APU)	Purchase Orders: Foreign key for searching for vendor should have supplement fields defined
N/A	774557	Application (APU)	New action convert parameter and jobs to detailed time budgeting
N/A	772105	Technology (TPU)	REST API: Environment Service Cannot Resolve Variable After Re-Login
N/A	772111	Technology (TPU)	REST API: Environment Service Supplies Another User's Environment
Files released		**Filesize**	**Checksum**
apu.w1900.sp100c.zip		700061 KB	**MD5**: 818aca730f4517dfe44dd427b94ab44c
DeltekMaconomyWSClient23GACU3.zip		645712 KB	**MD5**: 3aba2657f7b3097e47762c234ad4d7f7
tpu.NTx86.19_0.p100c.tgz		805853 KB	**MD5**: 43c31a04659526d4001a700f3f9a9fad
tpu.LINUX.19_0.p100c.tgz		865878 KB	**MD5**: a0accc1a161c716fe8e95d3d035e11b8

Important TPU Notes for CU3

If you are using the base Workspace Client (or a client other than CU3), you must allow all Maconomy 2.3 GA workspace clients to be compatible with a coupling service of version 2.3 CU3 (`19.0.100.3`) and then 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 19.0.100.0 19.0.100.3
   ```

   This line defines a range of allowed versions.

2. Restart the coupling service.

Enhancements

Convert Parameter and Job to Detailed Time Budgeting

Deltek Tracking: 774557

Previously, customers who upgraded could not use the matrix budget on all their existing jobs.

A new action 'Change Parameter and Jobs to Detailed Time Budget' is added to 'Job Parameters' single dialog workspace and 'Job Parameters' pane in the Job setup workspace.

The action is only available for parameters of type 'Budgeting'. It will convert the parameter and all jobs using this parameter to 'Detailed Time Budgeting'. This means that all job budgets and budget revisions belonging to these jobs will be converted to matrix budgets.

Note: This conversion is irreversible. It is not possible to convert from matrix budget to flat budget.

It is only possible to convert a parameter if 'Detailed Time Budgeting' is allowed in combination with the other settings on the parameter.

Software Issues Resolved

Application (APU)

GL Entries Analyzer Multiplying Amounts

Deltek Tracking: 774511

Previously, amounts on finance entries were multiplied by the number of general journals in the report.

The amounts on the analyzer reports now match the correct amounts in the Maconomy database.

Supplemental Fields Not Defined on Purchase Orders

Deltek Tracking: 774540

Previously, users were unable to see vendor names after selecting a vendor in the search window for the Purchase Orders, Requests for Quote, and Requisitions workspaces.

Technology (TPU)

REST API: Environment Service Cannot Resolve Variable After Re-Login

Deltek Tracking: 772105

Previously, environment endpoint requests failed with return code 400 (Bad Request) when executed in parallel with other requests for the same user on the REST webservice API.

REST API: Environment Service Supplies Another User's Environment

Deltek Tracking: 772111

Previously, environment endpoint requests returned entries for the wrong user if multiple users were executing requests in parallel with other requests on the REST webservice API.

Cumulative Update 02 — Released Feb 3, 2017

Cumulative updates for Maconomy 2.3 are available on DSM under Maconomy 2.3 (GA), Cumulative Updates.

Release Summary

New in Cumulative Update 2
Released: February 3rd, 2017

Support case	Ticket	Type	Description
N/A	735624	Application (APU)	Uniqueness constraint error during upgrade from new install maconomy 17sp103 or sp104 to 19sp000 or sp100
N/A	743947	Technology (TPU)	Add a global disable property for batch execution in system.ini
N/A	745109	Technology (TPU)	Configurations Web Service Does Not Allow Files with Dot in the Name
N/A	754097	Technology (TPU)	The dirty flag is not set after a change in the card part of a card-table dialog
N/A	755608	Technology (TPU)	WSC: Sspi.MAX_TOKEN_SIZE
N/A	755967	Technology (TPU)	Server: LC_AllocateSequenceNumber might call Oracle DLL commands which commits the current transaction
N/A	757160	Technology (TPU)	Include MyxL tool in TPU builds
N/A	758508	Technology (TPU)	Unified WebDaemon: Dialog requests from legacy web clients might use scattered transaction control
N/A	759082	Technology (TPU)	Bugs in PWChangeMSQL when using user 'samaconomy'
161118-000007	759641	Technology (TPU)	Analyzer doesn't work when "Login Name" is not the same as "User Name"

Files released	Filesize	Checksum
apu.w1900.sp100b.zip	2208 KB	**MD5**: 00a10cca473f0f7c8448c776c7340c17
DeltekMaconomyWSClient23GACU2.zip	645727 KB	**MD5**: c6cfccb053500e04aea0ae66e66e8437
tpu.NTx86.19_0.p100b.tgz	805838 KB	**MD5**: ffd681d985e4ccf72f491e40b8c2388e
tpu.LINUX.19_0.p100b.tgz	865878 KB	**MD5**: f780b43e983577d9d982f33db39cf9a9

Important TPU Notes for CU2

If you are using the base Workspace Client (or a client other than CU2), you must allow all Maconomy 2.3 GA workspace clients to be compatible with a coupling service of version 2.3 CU2 (`19.0.100.2`) and then you must perform an extra installation step.

Follow these steps:

3. 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 19.0.100.0 19.0.100.2
    ```

    This line defines a range of allowed versions.

4. Restart the coupling service.

Enhancements

Add a Global Disable Property for Batch Execution in system.ini

Deltek Tracking: 743947

Previously, there was no method of disabling full batch execution during a Maconomy system upgrade. This enhancement works as an on/off switch that allows MConfig users and system administrators to manually control whether batch execution is enabled or disabled during an upgrade to a new Maconomy version.

Settings:

*   When batch.active = true, the property hierarchy of batch.enabled defines the batch execution state (on/off).

*   When batch.active = false, the property overrules all settings of batch.enabled and turns batch-execution off globally (for the involved Coupling Services).

MyxL Tool Updates Custom Languages

Deltek Tracking: 757160

Between the major versions of Maconomy, syntax updates occur that may not be backwards compatible with some of the specification languages. This occurs when specification files delivered with the product in the new version are automatically converted to the new syntax, but customized specification files are not. To correct this you must run a conversion of the relevant files to convert them to the new syntax. The MyxL tool facilitates the conversion of Maconomy's specification files, including MDML, MWSL, MMSL, MNSL, and MCSL.

Note: For more information on this enhancement and how to convert files to the new syntax, see the Maconomy Upgrade Guides (*DeltekMaconomy23GAUpgradeGuideMSSQL* or *DeltekMaconomy23GAUpgradeGuideOracle*).

Software Issues Resolved

Application (APU)

Uniqueness Constraint Error During Upgrade from New Maconomy Install

Deltek Tracking: 735624

Previously, customers with a new installation of Maconomy 2.2.3 or 2.2.4 who attempted to upgrade to 2.3 LA or 2.3 GA were unable to finalize the upgrade. This was due to a uniqueness constraint error that referenced duplicate keys being found.

Technology (TPU)

Workspace Client Maximum Token Size Issue

Deltek Tracking: 755608

Previously, there was an issue with Workspace Client single sign-on (SSO) due to the maximum token size that was hardcoded into the client. As a result, a domain login dialog prompted the user to enter their credentials manually rather than SSO logging them in automatically.

Configurations Web Service Does Not Allow Files with Dot in the Name

Deltek Tracking: 745109

Previously, when iAccess users on 2.3 GA requested a file containing a dot in the filename via REST API client, they received a 500 Server Error. This issue is resolved.

Making Changes to Both Card and Table Panes in the Same Workspace Prevents Data From Saving

Deltek Tracking: 754097

Previously, it was possible to make simultaneous changes to multiple panes in the same workspace. When a user edited both card and table panes and reverted the table change, the change in the card was not saved. This prevented the change made to the data from being saved to Maconomy appropriately.

Unified WebDaemon: Dialog Requests from Legacy Web Clients Might Use Scattered Transaction Control

Deltek Tracking: 758508

When executing certain dialog actions from a legacy web client (for example, MaconomyPortal or MScript-based web service), it was previously possible for the action to perform a commit of the current database transaction.

If the dialog action or a later operation in the script failed in a way so that the database transaction should be rolled back, only the changes performed between the dialog action and the point of failure were rolled back.

Server Call for Allocating a Unique ID Fails and Commits Current Transaction

Deltek Tracking: 755967

Previously, if the server call for allocating a unique ID failed, the instance sequence was stopped and restarted from '1'. This resulted in the current partial transaction being committed. It also led to the possibility of a sequence number conflict.

Analyzer Does Not Work When Login Name is Not the Same as User Name

Deltek Tracking: 759641

Previously, Analyzer did not work when the "Login Name" was not the same as the "User Name" for the user attempting to log in.

Bugs in PWChangeMSQL When Using User 'samaconomy'

Deltek Tracking: 759082

Previously, the user 'samaconomy' received an error if the SQLServer instance was case insensitive. This occurred because the login name was converted to upper case.

If the user did not receive the initial error, they instead received another error stating that 'The procedure 'sys.sp_password' cannot be executed within a transaction..'. This second error occurred because the first statement started a transaction.

Cumulative Update 01 — Released Jan. 10, 2017

Cumulative updates for Maconomy 2.3 are available on DSM under Maconomy 2.3 (GA), Cumulative Updates.

Release Summary

Cumulative Update 1 Released: January 10th, 2017			
Support case	**Ticket**	**Type**	**Description**
N/A	748018	Technology (TPU)	Memory leak in server when locking superior reference
161219-000017	747673	Technology (TPU)	Ora2ISQL mishandling lines with field names ending with "REAL"
Files released		**Filesize**	**Checksum**
DeltekMaconomyWSClient23GACU1.zip		645456 KB	**MD5**: 209606038a381d6d3a199733fd6674e2
tpu.NTx86.19_0.p100a.tgz		794917 KB	**MD5**: e601ea25d71235f56967b59a2ade9591
tpu.LINUX.19_0.p100a.tgz		865840 KB	**MD5**: ee480dd478d14433379ad4df140f9fee

Important TPU Notes for CU1

If you are using the base Workspace Client (or a client other than CU1), you must allow all Maconomy 2.3 GA workspace clients to be compatible with a coupling service of version 2.3 CU1 (`19.0.100.1`) and then 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 19.0.100.0 19.0.100.1
    ```

    This line defines a range of allowed versions.

2. Restart the coupling service.

Software Issues Resolved

Memory Leak in Server When Locking Superior Reference

Deltek Tracking: 748018

Previously, a server memory leak occurred on relations with line number control. The leak resulted in used memory growing to 2 GB, which then caused the server to crash. The issue occurred because memory was allocated for debugging information but was never released.

Data Type Problem When Upgrading to 2.3 GA or 2.4 LA

Deltek Tracking: 747673

Previously, Ora2ISQL mishandled lines with field names containing the string "REAL " (with a trailing space) in input files. When this string matched the end of the field name, the type should have changed to "FLOAT".

The error was identified for the
fields KEYFIELD1VALUEREAL, KEYFIELD2VALUEREAL, KEYFIELD3VALUEREAL
and KEYFIELD4VALUEREAL in the table BACKGROUNDTASK.

This issue was noted in Maconomy TechNews (2016-12-22) as "Data type problem when upgrading to 2.3 GA or 2.4 LA". This cumulative update resolves this issue.

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