

Deltek

Deltek Cobra® 8.3

Cumulative Update 03 Release Notes

March 31, 2020

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Overview

The Cobra 8.3 Cumulative Update 03 release includes all of the enhancements, software issues resolved, and database changes that were made in Cobra 8.3 CU 01 through CU 03.

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 area affected by the update. If so, contact Deltek Customer Care at <http://support.deltek.com> before you install the update.

Attention: For steps to install the cumulative update, see *Appendix A: Download and Install the Cumulative Update*.

Viewing the Online Help

If you use Internet Explorer and the online help does not display correctly, you need to turn off Compatibility View for the browser. Click **Tools » Compatibility View settings**, and clear the **Display intranet sites in Compatibility View** check box. Then refresh the browser. Make sure you remove deltek.com (if listed) from the **Websites you have added to Compatibility View** list. You could also elect to use hosted help or the FQDN of your server in the URL (for example, server.domain) to bypass this issue. Depending on your Internet Explorer security settings, you may be prompted to “**Allow blocked content**” when viewing the online help locally. The Cobra 8.3 Help System URL is <https://help.deltek.com/Product/Cobra/8.3/GA>.

Depending on your Internet Explorer security settings, you may be prompted to “**Allow blocked content**” when viewing the Cobra Online Help locally. This only affects Internet Explorer.

You may also access the online help using Chrome and Firefox.

Cobra 8.3 Cumulative Update 03

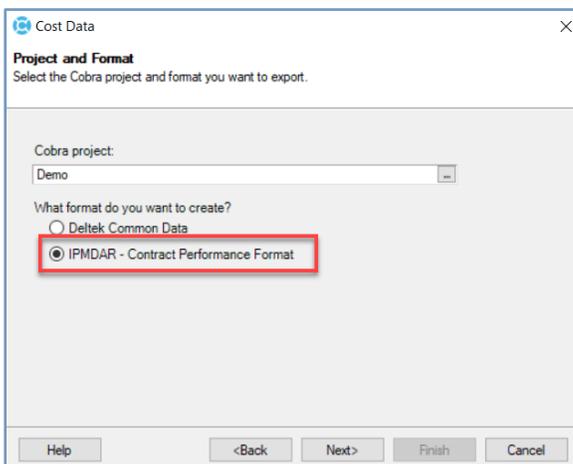
Released: March 31, 2020

Enhancements

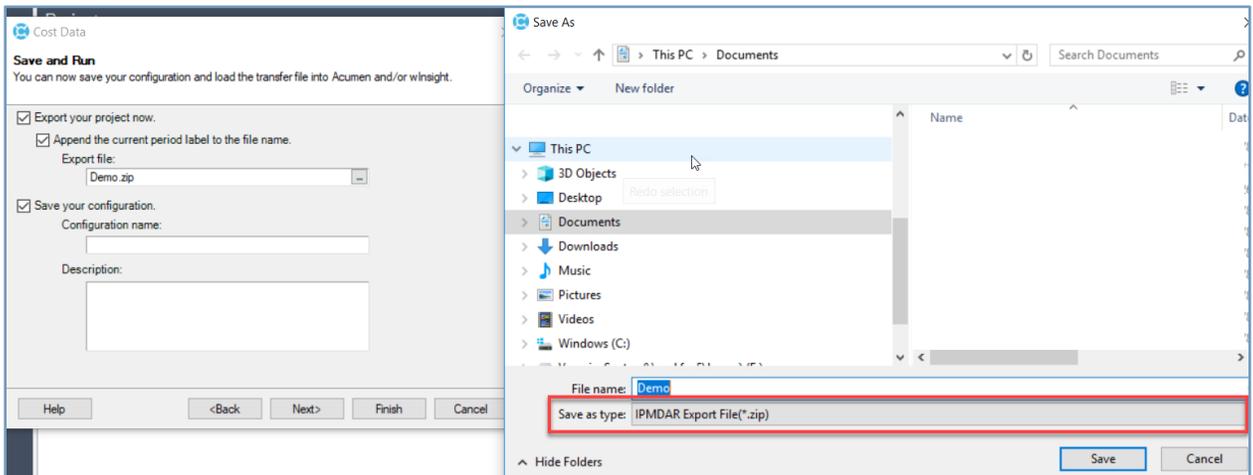
Renamed the IPMDR Format

The Integrated Program Management Data Analysis Report (IPMDR), a required government contractor-reporting format, is renamed to Integrated Program Management Data Analysis Report or IPMDAR. This revision impacts the following areas of the Cost Data wizard

- **Project and Format page:** The option is updated to **IPMDAR —Contract Performance Format**.



- **Save and Run page:** On the Save As dialog box, IPMDR is renamed to “IPMDAR Export File(*.zip)” in **Save as type**.



Attention: See the [Documentation Changes](#) for the list of updated help topics.

Support for the Copy baseline dates to forecast dates option of the Reclass Wizard in API and Web Services

The **Copy baseline dates to forecast dates** option on the Date Range page of the Reclass wizard is now supported in the Reclass API process and Web services through the **CopyBaselineDatesToForecastDates** setting. If value is set to **1**, Cobra copies the baseline dates to the forecast dates if the following conditions are met:

- **SourceClass** is set to a Budget class.
- **TargetClass** is set to a Forecast class.
- **Scope** is set to **All**.
- **Criteria** is not set to **Resource Assignment** or **Resource**.

Otherwise, Cobra automatically sets the value to **0**.

Attention: See the [Reclass Process](#) topic in the Cobra Help System.

Software Issues Resolved

API

Defect 1271064

Description: When you ran the Reclass process through the API and specified a Control Account Code or Work Package Code in the **Criteria** setting, the Reclass process would fail with the "The method or operation is not implemented" error.

Customers Impacted: This defect affects all users.

Workaround Before Fix: Run the Reclass process using the Reclass wizard.

Additional Notes: None.

Files Updated:

- Cobra.Api.exe
- Cobra.Model.LoginManager.dll
- Cobra.Model.dll

Calendars » Calendar View

Defect 1262371

Description: When you moved the TODATE and ATCOMPLETE flags for Calendar Set 18 in the Calendar view and selected Yes on "Calendar sets 18 and 19 do not have labels PREVIOUS, TODATE, and ATCOMPLETE on the same periods. Do you want to align 19 with 18?" prompt, Cobra would not align the ATCOMPLETE flag for Calendar Sets 18 and 19.

Customers Impacted: This defect affects all users.

Workaround Before Fix: Manually update the ATCOMPLETE flag for Calendar Set 19 to match the flag for Calendar Set 18.

Additional Notes: None.

Files Updated:

- Cobra.Model.dll
- Cobra.Model.LoginManager.dll
- Cobra.WinUI.*.dll
- Cobra.WinUI.exe

Defect 1269024

Description: When you moved the TODATE flag of a calendar set that was not Calendar Set 18 or 19 and saved the changes in the Calendar view, Cobra would display the prompt to align Calendar Sets 18 and 19.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: Cobra should only display the prompt when you move the TODATE flag for Calendar Set 18 or 19.

Files Updated:

- Cobra.Model.dll
- Cobra.Model.LoginManager.dll
- Cobra.WinUI.*.dll
- Cobra.WinUI.exe

Defect 1269025

Description: When you moved the ATCOMPLETE flag in the Calendar view for Calendar Set 18 or 19 and saved the changes, Cobra did not display the prompt to align Calendar Sets 18 and 19.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: None.

Files Updated:

- Cobra.Model.dll
- Cobra.Model.LoginManager.dll
- Cobra.WinUI.*.dll
- Cobra.WinUI.exe

Defect 1269683

Description: When you moved the PREVIOUS, TODATE, or ATCOMPLETE flags in the Calendar view for Calendar Set 19 and saved the changes, Cobra displayed the following prompt to align the required flags for Calendar Set 19 and 18: "Calendar sets 18 and 19 do not have labels PREVIOUS, TODATE, and ATCOMPLETE on the same periods. Do you want to align 19 with 18?" when it should be aligning Calendar Set 18 with 19.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: When editing either Calendar Set 18 or 19 and moving the PREVIOUS, TODATE, or ATCOMPLETE flags to different a calendar period, Cobra now displays the following prompt: "Calendar sets 18 and 19 do not have labels PREVIOUS, TODATE, and ATCOMPLETE on the same periods. Calendar sets 18 and 19 do not have labels PREVIOUS, TODATE, and ATCOMPLETE on the same periods. Do you want to align 18 and 19?"

Files Updated:

- Cobra.Resources.dll

Documentation

Defect 1257985

Description: Information about the OLE database drivers used by the backup/restore and export/import features was not documented in the Cobra Installation Guide.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: A note is added to the Software Requirements — Database Driver section of the Cobra Installation Guide.

Files Updated:

- DeltekCobra83InstallationGuide.pdf

File » Integration wInsight

Defect 970578

Description: When you ran the wInsight Export process, Cobra would not export the actuals if:

- The project used 3 control account structures.
- The Code for Control Account level actual costs option was enabled and the costs were captured at the control account level but export structure was exported down to the work package level.
- The project contained several CA entries where CA1 was the same, but CA3 was different (for example: CA1/CA2/CA3: 1.1.1.1/1000/1111, 1.1.1.1/1000/2222).
- The first CA (for example, 1.1.1.1/1000/1111) did not have resource assignments at the control account level but at the work package level (for example: 1.1.1.1/1000/1111 WP01).
- There were actuals at the control account level on any of the other control accounts (for example: 1.1.1.1/1000/2222).

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: None.

Files Updated:

- Cobra.WinUI.*.dll
- Cobra.WinUI.exe
- Cobra.Process.dll

File » Integration Wizard – Project Data

Defect 1238172

Description: When you ran the Integration wizard to load status from Microsoft Project, Cobra would encounter the "Variable 'WORKBAC' is not found" error.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: None.

Files Updated:

- Cobra.WinUI.*.dll
- Cobra.WinUI.exe
- Cobra.Process.dll

Defect 1262366

Description: When you ran the Integration wizard to load resource assignments from an import file and selected to load forecast dates, Cobra would calculate the EAC total even if the forecast class of the imported records were not part of the EAC cost set.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: None.

Files Updated:

- Cobra.WinUI.*.dll
- Cobra.WinUI.exe
- Cobra.Process.dll

Project Processes » Calculate Forecast

Defect 1256206

Description: When you ran the Calculate Forecast process, Cobra incorrectly calculated the forecast if any of the following conditions were met:

- The forecast performance factor level was set to control account or work package.
- The expression of the prior CA/WP (separated by a slash) was not less than or equal to the expression of the CA/WP being processed. For example, "1.1.1.2/1000/ /01" is not less than "1.1.1.2.1/1000/ /02".
- The CA/WP being processed contained earned while the prior CA/WP did not contain earned but contained budget and/or actuals resource assignments.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: None.

Files Updated:

- Cobra.WinUI.*.dll
- Cobra.WinUI.exe
- Cobra.Process.dll

Project Processes » Replan

Defect 1255333

Description: When you ran the Replan wizard and selected the **Create a new Work Package for the replanned Budget/Progress/Actuals** option on the Options page, Cobra would not move the baseline budget to the replanned work package.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: None.

Files Updated:

- Cobra.WinUI.*.dll
- Cobra.WinUI.exe
- Cobra.Process.dll

Reports » Reports

Defect 1271652

Description: When you generated the 1921-1 report, Cobra would create an incorrect formula for the "C.TOTAL" value.

Customers Impacted: This defect affects all users.

Workaround Before Fix: Edit the 1921-1.xlsx report template and change the formula from `{=Cell[R,C-3]+Cell[R,C-2]}` to `{=Cell[R,C-3]+Cell[R,C-1]}`.

Additional Notes: None.

Files Updated:

- ReportTemplates\1921-1.xlsx

Defect 1259993

Description: When you generated the 1921-1 report and a Functional Data Element only contained "Recurring" costs, Cobra would display the costs in the "NonRecurring" column of the generated report.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: None.

Files Updated:

- Cobra.WinUI.*.dll
- Cobra.WinUI.exe
- Cobra.Model.dll

- Cobra.Model.LoginManager.dll
- Cobra.ReportLayoutEngine.dll

Tools » Preferences

Defect 1251389

Description: When you selected the **Include SQL Statements** check box for Clientdebuglog.xml on the Data Access tab of the Application Preferences dialog box, saved your changes, and then relaunched Cobra, the option was no longer selected. The same problem occurred if the option was already checked and then you cleared it.

Customers Impacted: This defect affects users who run Cobra on a client/server and standalone deployments.

Workaround Before Fix: Modify the IdeaBlade.ibconfig file manually to enable the logging of SQL statements. See the [Edit IdeaBlade.ibconfig](#) file help topic for more information.

Additional Notes: For standalone or client/server deployment, this option is now saved in the IdeaBlade.ibconfig file used by Cobra. In case Cobra fails to save this option, see the [Troubleshoot Issues with Saving to the IdeaBlade.ibconfig File in Cobra](#) help topic for more information.

For n-tier deployment, the behavior of this option has not changed. The selected option will apply to all clients of the n-tier server until the n-tier server service is restarted.

Files Updated:

- Cobra.Model.dll
- Cobra.Model.LoginManager.dll
- Cobra.Resources.dll
- Cobra.WinUI.*.dll
- Cobra.WinUI.exe
- ConfigManager.dll

Database Changes

This section includes changes made to the database. There are no database changes in this release.

Data Changes

This section includes changes to the data applied by script. There are no data changes in this release.

Documentation Changes

This section includes details of section changes in the printed documentation.

Document	Details
Cobra 8.3 Help System	<ul style="list-style-type: none"> ▪ Updated the following help topics for the “Renamed the IPMDR Format” enhancements: <ul style="list-style-type: none"> ▪ Cost Data Export

Document	Details
	<ul style="list-style-type: none"> ▪ Cost Data Wizard ▪ Project and Format Page of the Cost Data Wizard ▪ Codes and Structures Page of the Cost Data Wizard ▪ Data Options Page of the Cost Data Wizard ▪ Save and Run Page of the Cost Data Wizard ▪ Export Cost Data ▪ Exported Cost Data File ▪ Display the Cost Data Wizard ▪ General Tab of the Project Properties Dialog Box ▪ Contract Information Tab of the Project Properties Dialog Box ▪ Updated the Reclass Process topic for the “Support for the Copy baseline dates to forecast dates option of the Reclass Wizard in API and Web Services” enhancement. ▪ Created the following topics for Defect 1251389: <ul style="list-style-type: none"> ▪ Troubleshoot Issues with Saving to the IdeaBlade.ibconfig File in Cobra ▪ Clear the Read-only Flag in the IdeaBlade.ibconfig File ▪ Run Cobra Using a Different IdeaBlade.ibconfig File
Cobra 8.3 Installation Guide	<ul style="list-style-type: none"> ▪ Added a note to the Software Requirements — Database Driver section of the Cobra Installation Guide for Defect 1257985.

Cobra 8.3 Cumulative Update 02

Released: February 28, 2020

Enhancements

There are no enhancements in this release.

Software Issues Resolved

[File » Integration Cost Data Export](#)

Defect 1254685

Description: When you ran the Cost Data Export wizard to generate the Integrated Program Management Data Report (IPMDR) file with the **Detail data contains** options cleared and the **Selected burdens are NonAdd** options selected on the Data Options page, the Summary Performance file of the generated JavaScript Object Notation (JSON) files contained duplicate values.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: None.

Files Updated:

- Cobra.WinUI.*.dll
- Cobra.WinUI.exe
- Cobra.Model.dll
- Cobra.Model.LoginManager.dll
- PPM.CostData.dll

[File » Integration Wizard – Project Data](#)

Defect 1254659

Description: When you ran the Integration wizard to load status data from a master project, Cobra would encounter the "Could not find Control Account" message.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: None.

Files Updated:

- Cobra.WinUI.*.dll
- Cobra.WinUI.exe
- Cobra.Process.dll

Installation

Defect 1241428

Description: The Database Upgrade wizard would always look for the C:\Program Files (x86)\Deltek\Cobra path even if Cobra was installed in an alternate folder other than the C:\ folder.

Customers Impacted: This defect affects users who install Cobra on a different drive or path other than the default installation directory.

Workaround Before Fix: Copy the Config.dat and DATASOURCES.DAT files to the C:\Program Files (x86)\Deltek\<Cobra path>.

Additional Notes: You may also perform any of these workaround:

Option 1: Launch the Cobra Database Upgrade wizard using the `/configfolder` parameter.

1. Click **Start » All Programs » Accessories**, right-click the **Command Prompt**, and select **Run as administrator**.
2. On the Administrator Command Prompt window, enter the command using the following syntax: "`<Cobra Installation Location>\Support\Utilities\DeltekCobra8xDatabaseUpgradeWizard.exe`"
`/configfolder:<Target folder>`

For example: "E:\Program Files (x86)\Deltek\Cobra\Support\Utilities\DeltekCobra83DatabaseUpgradeWizard.exe"
`/configfolder:E:\Program Files (x86)\Deltek\Cobra`

Note: Use quotes around the location of the exe.file. Do not use quotes around the target folder. See the "[Run Cobra with Command Line Parameters](#)" topic in the Cobra Help System for more information.

Option 2: Add a configuration registry option.

1. Create the following entries in the configuration registry:
HKEY_CURRENT_USER\Software\Deltek\Cobra\8.3
2. Create a ProgramFolder String Value with the value set to the location of the Config.dat or IdeaBlade.Ibconfig file; for example: "E:\Program Files (x86)\Deltek\Cobra".

Files Updated:

- DeltekCobra83DatabaseUpgradeWizard.exe

Project Processes

Defect 1247603

Description: When you ran a process and Cobra logged a warning or error message, Cobra would crash instead of displaying the untranslated string ID if the resource ID was not found.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: None.

Files Updated:

- Cobra.WinUI.*.dll

- Cobra.WinUI.exe
- Cobra.Process.dll

Database Changes

This section includes changes made to the database. There are no database changes in this release.

Data Changes

This section includes changes to the data applied by script. There are no data changes in this release.

Documentation Changes

This section includes details of section changes in the printed documentation. There are no documentation changes in this release.

Cobra 8.3 Cumulative Update 01

Released: January 31, 2020

Enhancements

There are no enhancements in this release.

Software Issues Resolved

[File » Integration Cost Data Export](#)

Defect 1237415

Description: When you ran the Cost Data wizard against a large project to generate the Deltek Costa Data Exchange (DCDE) file, Cobra would crash with a "System.OutOfMemoryException" error.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: None.

Files Updated:

- Cobra.WinUI.*.dll
- Cobra.WinUI.exe
- Cobra.Model.dll
- Cobra.Model.LoginManager.dll
- PPM.CostData.dll

[File » Integration Wizard – Project Data](#)

Defect 1194236

Description: When you initialized a shared database between Open Plan 8.3 and Cobra 8.3 using the Open Plan 8.3 Data Tool, the following error occurred: "Unable to insert data into target table WST_UPF."

Customers Impacted: This defect affects users who use Cobra 8.3 with Open Plan 8.3 on an Oracle or a SQL database.

Workaround Before Fix: None.

Additional Notes: This defect is tracked in Deltek Open Plan 8.3 Cumulative Update # 04 Defect 1222654.

Files Updated:

- OpenPlanDataTool.exe
- SQL\Access\OPMaster82.mdb

Defect 1225665

Description: When you initialized a shared database between Open Plan 8.2 and Cobra 8.3 using the Open Plan 8.2 Data Tool, the following error occurred: "Unable to insert data into target table WST_UPF."

Customers Impacted: This defect affects users who use Cobra 8.3 with Open Plan 8.2 on an Oracle or a SQL database.

Workaround Before Fix: None.

Additional Notes: This defect is tracked in Deltek Open Plan 8.2 Cumulative Update # 13 Defect 1225706.

Files Updated:

- OpenPlanDataTool.exe
- SQL\Access\OPMaster82.mdb

Defect 1225668

Description: When you initialized a shared database between Open Plan 8.3 and Cobra 8.3 using the Open Plan 8.3 Data Tool, the following error occurred: "Unable to insert data into target table WST_DCT."

Customers Impacted: This defect affects users who use Cobra 8.3 with Open Plan 8.3 on a SQL database.

Workaround Before Fix: Re-initialize the Open Plan Data Tool.

Additional Notes: This defect is tracked in Deltek Open Plan 8.3 Cumulative Update # 04 Defect 1222654.

Files Updated:

- OpenPlanDataTool.exe
- SQL\Access\OPMaster82.mdb

Defect 1225670

Description: When you initialized a shared database between Open Plan 8.2 and Cobra 8.3 using the Open Plan 8.2 Data Tool, the following error occurred: "Unable to insert data into target table WST_DCT."

Customers Impacted: This defect affects users who use Cobra 8.3 with Open Plan 8.2 on a SQL database.

Workaround Before Fix: Re-initialize the Open Plan Data Tool.

Additional Notes: This defect is tracked in Deltek Open Plan 8.2 Cumulative Update # 13 Defect 1225706.

Files Updated:

- OpenPlanDataTool.exe
- SQL\Access\OPMaster82.mdb

Help

Defect 1237371

Description: When you accessed the Cobra Help locally, opened the Data Dictionary topic, and clicked the Data Dictionary link, you would encounter the following error: "Cannot find file... Make sure the path or internet address is correct."

Customers Impacted: This defect affects all users.

Workaround Before Fix: Access the Data Dictionary using the hosted help.

URL: <https://help.deltek.com/Product/Cobra/8.3/GA/DataDictionary/index.htm>

Additional Notes: None.

Files Updated:

- DeltekCobra83.exe

[Projects » Project View](#)

Defect 1179645

Description: When you modified a control account in the project view and then moved to another control account, Cobra would not save the changes automatically if the project audit log was turned on and the log level was set to work package or resource assignment.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: Cobra should save the changes automatically after you modify a control account and move to another one whether the audit log is enabled or disabled at any level.

Files Updated:

- Cobra.WinUI.*.dll
- Cobra.WinUI.exe

[Projects » Calculate Forecast](#)

Defect 1225384

Description: When you ran the Calculate Forecast wizard against a forecast class that did not exist as a resource assignment, Cobra would create the forecast time-phased data but would not create the resource assignment if any of the following conditions applied:

- The class was the last forecast class processed for each control account or work package.
- Closed control account or work packages
- ETC value was 0.
- Forecast method was Manual Forecast (Retain EAC), actual total was not 0, and existing BAC was 0.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: None.

Files Updated:

- Cobra.WinUI.*.dll
- Cobra.WinUI.exe

- Cobra.Process.dll

Defect 1238441

Description: When you ran the Calculate Forecast wizard against a forecast class that used the Percent Complete Ranges forecast method and more than one control account or work package were being calculated, Cobra would calculate the forecast using the PF=1 method if any of the following conditions applied:

- The performance factor level was set to control account or work package and the length of the CA/WP ID was longer than the ID of the first control account or work package processed.
- The control account or work package percent complete did not match the % complete range of the first control account or work package processed.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: None.

Files Updated:

- Cobra.WinUI.exe
- Cobra.Process.dll

Defect 1237351

Description: When you ran the Calculate Forecast wizard, Cobra would fail with the "String ID ID_COB_PRC_CFCST_MSG88 does not exist" error.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None:

Additional Notes: None.

Files Updated:

- Cobra.WinUI.*.dll
- Cobra.WinUI.exe
- Cobra.Process.dll

[Project Processes » Calculate Progress](#)

Defect 1228656

Description: When you ran the Calculate Progress wizard and set the **Progress by** option on the Options page to **Budget**, the total progress value would exceed the total budget for result(s) if the budgeted result(s) contained significant negative values and/or rate reduction.

Customers Impacted: This defect affects all users.

Workaround Before Fix: None.

Additional Notes: Calculated earned value will be adjusted so that by result, its earned value does not exceed the BAC. For each result, Calculate Progress will total the calculated earned value and subtract that from BAC.

- If the calculated earned value is greater than BAC, Calculate Progress will set earned value to equal BAC.
Exception: If the calculated earned value and BAC are both negative, Calculate Progress will use the positive value of both values to compare if Calculated Earned > BAC.
- This will only affect **Progress by method = “Budget”**. The behavior for all of the other Progress by methods (Dollars, Hours SPI, and Time) will not change.
- This will be applied to all Progress techniques except for Level of Effort, as LoE should always equal budget month by month.

With exception to LOE, the following example scenarios show how Calculate Progress will now calculate when a result’s earned value exceeds its BAC:

BAC	400	360	-400	-360	400	-400	-1	-400
Previously Calculated Earned	360	400	-360	-400	-360	360	-400	1
New Calculated Earned	360	360	-360	-360	-360	-400	-1	-400

Files Updated:

- Cobra.WinUI.*.dll
- Cobra.WinUI.exe
- Cobra.Process.dll

Database Changes

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Data Changes

This section includes changes to the data applied by script. There are no data changes in this release.

Documentation Changes

This section includes details of section changes in the printed documentation. There are no documentation changes in this release.

Appendix A: Download and Install the Cumulative 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

Use the instructions below that apply to the Cobra version you use.

Note: You must install the entire update package. If an update addresses more than one defect, you cannot fix one defect at a time.

For Cobra 8.x and Higher

The instructions for installing an update for Cobra 8.x and higher depend on your type of deployment. Use the instructions below that apply to your deployment scenario.

Note: You must install the entire update package. If an update addresses more than one defect, you cannot fix one defect at a time.

If You Use a Deployment Server

To install on the server:

1. Verify that Cobra is not running.
2. Launch the update on the server.

Note: If the update detects that Cobra is already running, you will see a prompt asking if you want to close Cobra. Choose **Yes** to start the installation or choose **No** to cancel the installation.

3. The Welcome screen displays the current build, along with the new build being installed by the update. Click **Next** to begin the installation.
4. The installation wizard installs all necessary files and displays the Update Complete form.
5. Click **Finish**.

6. Depending on the type of update, a reboot may be required. If the option to reboot your computer is enabled, select it and click **Finish**.
7. Launch the Deltek Cobra shortcut on client workstations to initiate the update.

To install on a client workstation:

1. Launch the Deltek Cobra shortcut. Cobra detects that an updated version is available and displays the prompt: **Do you want to install the upgrade?**
2. Choose **Yes** to start the installation or choose **No** to cancel the installation. When the installation is completed, the installation wizard closes.
3. Launch the Deltek Cobra shortcut to log into Cobra.

If You Have an N-Tier Deployment

To install on the server:

1. Verify that Cobra is not running.
2. Launch the update on the server.

Note: If the update detects that Cobra is already running, you will see a prompt asking if you want to close Cobra. Choose **Yes** to start the installation or choose **No** to cancel the installation.

3. The Welcome screen displays the current build, along with the new build being installed by the update. Click **Next** to begin the installation.
4. The installation wizard installs all necessary files and displays the Update Complete form.
5. Click **Finish**.
6. Depending on the type of update, a reboot may be required. If the option to reboot your computer is enabled, select it and click **Finish**.
7. Launch the Deltek Cobra shortcut on n-tier client workstations to initiate the update.

To install on an n-tier client workstation:

1. Launch the Deltek Cobra shortcut. Cobra detects that an updated version is available and displays the prompt: **Do you want to install the upgrade?**
2. Choose **Yes** to start the installation or choose **No** to cancel the installation. If you choose **Yes**, the installation wizard copies the updated DeltekCobraWorkstation.exe file locally and automatically begins installing files. When the installation is completed, the installation wizard closes.
3. Launch the Deltek Cobra shortcut to log into Cobra.

If You Have a Terminal Services/Citrix Deployment

To install on the deployment server:

1. Verify that Cobra is not running.
2. Launch the update on the server.

Note: If the update detects that Cobra is already running, you will see a prompt asking if you want to close Cobra. Choose **Yes** to start the installation or choose **No** to cancel the installation.

3. The Welcome screen displays the current build, along with the new build being installed by the update. Click **Next** to begin the installation.
4. The installation wizard installs all necessary files and displays the Update Complete form.
5. Click **Finish**.
6. Depending on the type of update, a reboot may be required. If the option to reboot your computer is enabled, select it and click **Finish**.
7. Log on as a Local Administrator on the Terminal Server/Application Server and install the update.

To install on the Terminal Server/ Application Server (the server on which the Cobra client runs):

1. Log on to the Terminal Server using an account that has Local Administrator privileges. When the setup launches, the installation program installs all necessary files and any registry updates and makes these changes available to all users who will subsequently log on to the Terminal Server session to run Cobra.
2. Ensure that no instance of Cobra is running.
3. Browse to the shared Cobra Workstation folder (usually located on the deployment server, as \\{DeploymentServerName}\CobraWorkstation\DeltekCobraWorkstation.exe).
4. Launch the DeltekCobraWorkstation.exe file to install the update. The Welcome screen displays, showing that the update is available.
5. Click **Next** to start the installation.
6. When the installation completes, launch the Deltek Cobra shortcut to log into Cobra and confirm that the update is installed, meaning that users can now launch Cobra via Terminal Services/Citrix sessions.

If You Have a Standalone Deployment

To install on the workstation:

1. Verify that Cobra is not running.
2. Launch the update on the server.
3. The Welcome screen displays the current build, along with the new build being installed by the update. Click **Next** to begin the installation.
4. The installation wizard installs all necessary files and displays the Update Complete form.
5. Click **Finish**.
6. Depending on the type of update, a reboot may be required. If the option to reboot your computer is enabled, select it and click **Finish**.
7. Launch the Deltek Cobra shortcut to log into Cobra.

Confirm that the Cumulative Update is Installed

1. Click  » **Help** » **About Deltek Cobra**.

2. Check that the version number reflects the installation of the update.

Appendix B: For Additional Information

Deltek Support Center

The Deltek Support Center is a support Web site for Deltek customers who purchase an Ongoing Support Plan (OSP).

The following are some of the many options that the Deltek Support Center provides:

- Search for product documentation, such as release notes, install guides, technical information, online help topics, and white papers
- Ask questions, exchange ideas, and share knowledge with other Deltek customers through the Deltek Support Center Community
- Access Cloud-specific documents and forums
- Download the latest versions of your Deltek products
- Search Deltek's knowledge base
- Submit a support case and check on its progress
- Transfer requested files to a Customer Care analyst
- Subscribe to Deltek communications about your products and services
- Receive alerts of new Deltek releases and hot fixes
- Initiate a Chat to submit a question to a Customer Care analyst online

Attention: For more information regarding Deltek Support Center, refer to the online help available from the Web site.

Access Deltek Support Center

To access the Deltek Support Center:

1. Go to <https://deltek.custhelp.com>.
2. Enter your Deltek Support Center **Username** and **Password**.
3. Click **Login**.

Note: If you forget your username or password, you can click the **Need Help?** button on the login screen for help.

About Deltek

Better software means better projects. Deltek is the leading global provider of enterprise software and information solutions for project-based businesses. More than 23,000 organizations and millions of users in over 80 countries around the world rely on Deltek for superior levels of project intelligence, management and collaboration. Our industry-focused expertise powers project success by helping firms achieve performance that maximizes productivity and revenue. www.deltek.com