



Deltek

Deltek Cobra® 8.3

Cumulative Update 02 Release Notes

February 28, 2020

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Overview

The Cobra 8.3 Cumulative Update 02 release includes all of the enhancements, software issues resolved, and database changes that were made in Cobra 8.3 CU 01 through CU 02.

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 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

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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