




Deltek

# Deltek Cobra® 8.4

Cumulative Update 10 Release Notes for  
Lockheed Martin

**March 4, 2022**



---

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.

This publication contains proprietary information that is protected by copyright. All rights are reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, or translated into another language, without the prior written consent of Deltek, Inc.

This edition published March 2022.

© Deltek, Inc.

Deltek's software is also protected by copyright law and constitutes valuable confidential and proprietary information of Deltek, Inc. and its licensors. The Deltek software, and all related documentation, is provided for use only in accordance with the terms of the license agreement. Unauthorized reproduction or distribution of the program or any portion thereof could result in severe civil or criminal penalties.

All trademarks are the property of their respective owners.



---

# Contents

Overview .....	1
Cobra 8.4 Cumulative Update 10.....	2
Cobra 8.4 Cumulative Update 09.....	9
Cobra 8.4 Cumulative Update 08.....	13
Appendix A: Download and Install the Cumulative Update .....	17
Appendix B: For Additional Information .....	21

## Overview

The Cobra 8.4 Cumulative Update 10 release includes all of the enhancements, software issues resolved, and database changes that were made in Cobra 8.4 CU 08 through CU 10.

## 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 8.4 Help System URL is <https://help.deltek.com/Product/Cobra/8.4/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 Edge, Chrome, and Firefox.

# Cobra 8.4 Cumulative Update 10

**Released:** March 4, 2022

## Enhancements

### Support for Concurrent Forecast Calculations

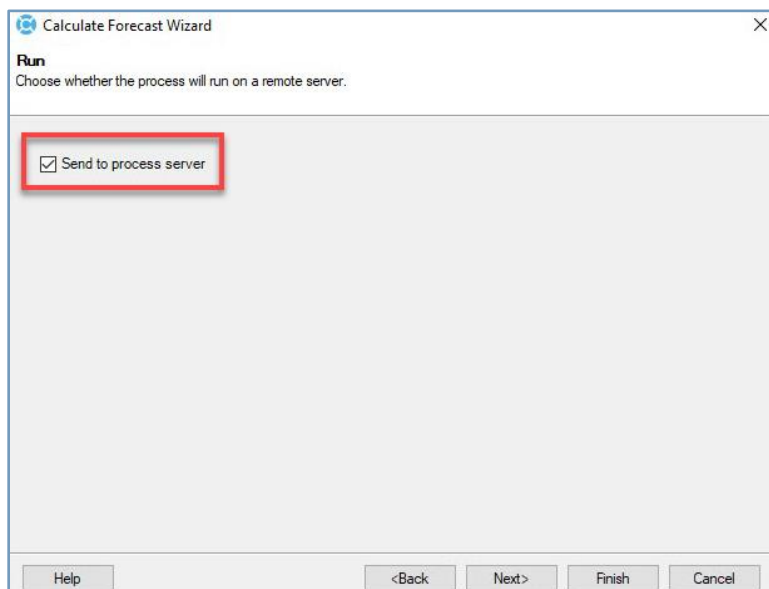
Cobra now supports concurrency in running forecast calculations on batches of control accounts. For example, a project can be split into multiple jobs, with each job processing a different batch of control accounts concurrently.

To use this feature, you must understand the following information and requirements:

- You must know the [requirements](#) and [steps](#) to set up your environment to run a concurrent process.
- You are running the concurrent forecast calculations against a single project.
- You are not running the concurrent forecast calculations against Frozen Forecast classes.
- The apportionment mapping target is set to **<Same as Source>** or **<Same as Source> \ WP** for all control accounts in the apportionment mapping definition.
- You have specified the number of control accounts to process per batch in the **Control Accounts per queue** field on the [Data Access tab of the Application Preferences dialog box](#).

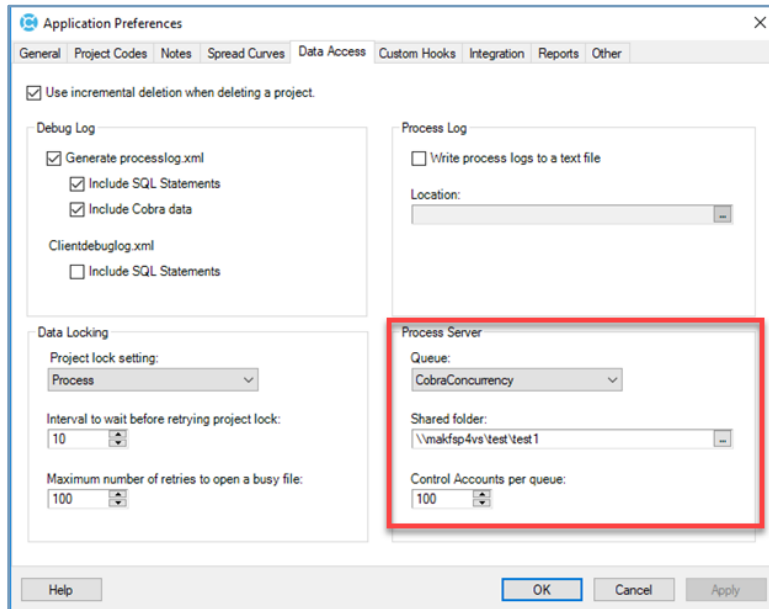
After you set up your environment for the concurrent forecast calculations and you run the [Calculate Forecast Wizard](#), the [Run page](#) displays after the Forecast Class Selection page.

**Note:** If you select a forecast class that uses the forecast method PF=Unit input on the Forecast Class Selection page, the Run page displays after the Manual Performance Factors page.



*Run Page of the Calculate Forecast Wizard*

If you select the **Send to process server** check box, Cobra groups the control accounts into multiple batches (according to the value specified in the **Control Accounts per queue** field on the Data Access tab of the Application dialog box), queues the forecast calculation job to the Process Server, and displays the Process Complete page immediately.



*Data Access Tab of the Application Preferences Dialog Box*

**Attention:** For more information, see the [“Concurrent Forecast Calculations”](#) and [“Concurrency in Cobra”](#) help topics in the Cobra Help System.

## Loading Budget Resources during Schedule Integration through the Cobra Web Services

When running the Schedule Integration through the Cobra Web Services, you can now define how budget resources are imported into the Cobra project from the scheduling tool.

The following new parameters are added:

- **LoadOptions:** This parameter determines how the budget class will be imported to the budget resource assignment data. This parameter can contain one of the following:
  - **LoadAllBudgetIntoDefaultClass:** This value informs Cobra to import all resource assignments into the same class.
  - **LoadBudgetClassFromField:** This value informs Cobra to use a schedule field that has the budget classes to import resource assignments.
- **LoadFromField:** This parameter determines the schedule field that has the budget class that will be imported to the budget resource assignment data.
- **LoadFilterClassList:** This parameter determines the list of classes that will only be included in importing budget resource assignment data.

**Note:** These parameters correspond to the fields in the **Budget** group box on the [Resource Assignments](#) page of the Integration Wizard.

The following [Web Service Client API Help](#) topics have been updated for this enhancement:

- [IntegrateProjectDataServiceArguments.BudgetCriteria Class](#): The new parameters are added to the BudgetCriteria class in this topic.
- [IntegrateProjectDataServiceArguments Class](#): The new parameters are referenced as the Budget property of IntegrateProjectDataServiceArguments class in this topic.

## Software Issues Resolved

### API » Web Services

Defect 1586066

**Description:** Saving a workflow took longer to complete.

**Customers Impacted:** This defect affects customers who integrate Cobra with PM Compass to use workflows.

**Workaround Before Fix:** None.

**Files Updated:**

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

### File » Integration Cost Data Export

Defect 1485584

**Description:** When you ran the Cost Data Export process to export to a JSON file, the ReportingPeriodID value was missing if the total dollars of the combined actual classes totaled to zero while the hours on those same classes did not.

**Customers Impacted:** This defect affects customers who use the Cost Data Export process.

**Workaround Before Fix:** None.

**Files Updated:**

- PPM.CommonData.dll
- Cobra.WinUI.\*.dll
- Cobra.WinUI.exe
- Cobra.Model.dll
- Cobra.Model.LoginManager.dll

## File » Integration Wizard-Project Data

### Defect 886533

**Description:** When you ran the Integration Wizard to load Microsoft Project data from an XML file, the Cobra time-phasing spread did not match the time-phasing of data in Microsoft Project.

**Customers Impacted:** This defect affects customers who load data from MS Project XML files using the MS Project Integration Wizard.

**Workaround Before Fix:** None.

**Files Updated:**

- Cobra.Process.dll

### Defect 1601367

**Description:** When you ran the Integration Wizard, loaded an empty activity file on the Project Selection page, and selected the **Delete Control Accounts and Work Packages no longer in the schedule** option on the Change Control page, Cobra did not delete the work packages.

**Customers Impacted:** This defect affects customers who use the Transaction–File Integration Wizard.

**Workaround Before Fix:** You can load a transaction file with a single record that creates dummy work packages. When the process is completed, the filtered work packages will be deleted. You can then delete the dummy work packages.

**Files Updated:**

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

### Defect 1603521

**Description:** When you ran the Integration Wizard to load schedule from Open Plan, Cobra changed the work package Baseline Start date to Open Plan's Schedule Start date of the baseline activity even if the **Prevent editing of historical time phased values** option on Project Preferences tab of the Project Properties dialog box was selected, and the baseline start date was set prior to the status date.

**Customers Impacted:** This defect affects customers who use the Open Plan–Integration Wizard.

**Workaround Before Fix:** None.

**Files Updated:**

- Cobra.Process.dll

### Defect 1590968

**Description:** When you ran the Integration Wizard to load an existing configuration and then updated the selection in the **Force existing Work Package dates to match the schedule for** field on the Change Control page, Cobra did not save your changes.

**Customers Impacted:** This defect affects customers who use the Transaction–File Integration Wizard.

**Workaround Before Fix:** Create a new configuration instead of loading an existing one.

**Files Updated:**



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

## Installation

Defect 1599389

**Description:** Cobra was installing the old version of the MSCOMCTL.OCX file used by the EPM Security Administrator tool.

**Customers Impacted:** This defect affects all customers.

**Workaround Before Fix:** Download the latest version of the MSCOMCTL.OCX file from the Microsoft website and install it.

**Files Updated:**

- DeltekCobra84.exe

## Project Processes » Freeze Forecast

Defect 169968

**Description:** When you ran the Freeze Forecast Wizard, Cobra encountered the "Forecast class XXX are not at the same level as Cost Set XXX" error if the included forecast classes in the Forecast Cost Set pane were set to both control account and work package levels, and a frozen forecast class set at the control account level was selected in the **Copy To class** field in the Frozen Forecast Class pane.

**Customers Impacted:** This defect affects customers who use the Freeze Forecast Wizard.

**Workaround Before Fix:** Run the Reclass Wizard to copy the forecast class at the work package level to a forecast class at the control account level, and then run the Freeze Forecast Wizard.

**Files Updated:**

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

## Project Processes » Reclass

Defect 1605257

**Description:** When you ran the Reclass Wizard and the target class type was Actual or Progress, Cobra encountered the "LCCALENDAR' is not found" error if one of these scenarios applied:

- The **Copy resource assignment codes from** option on the Options page was set to **Target**.
- The target class and the source class were at different levels.

**Customers Impacted:** This defect affects customers who use the Reclass Wizard.

**Workaround Before Fix:** None.

**Files Updated:**

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

- Cobra.Process.dll

#### Defect 1609692

**Description:** When you ran the Reclass Wizard, the reclass values were incorrect if:

- The Source Class page was set to **Copy**, the Target Class page was set to **Replace existing**, and the target class and the source class were at different levels.
- The project contained records with code that was a subset of another code (for example, ASTRO and ASTRO1).
- The target class was a budget or forecast class, and the calendar dates were different from the source class calendar.

**Customer Impacted:** This defect affects customers who use the Reclass Wizard.

**Workaround Before Fix:** None.

**Files Updated:**

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

#### Defect 1597539

**Description:** When you ran the Reclass Wizard, Cobra did not create the target resource if:

- The Source Class page was set to **Copy**.
- The Target Class page was set to **Replace existing**.
- The Date Range page was not set to **Reclass all periods in your project**.

**Customers Impacted:** This defect affects customers who use the Reclass Wizard.

**Workaround Before Fix:** None.

**Files Updated:**

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

## Reports » Reports

#### Defect 621652

**Description:** When you ran the IPMR CPR Format 1 or CPR Format 1 report using a master project, the Target Profit or box5d amount on the generated report was incorrect.

**Customers Impacted:** This defect affects customers who run the IPMR CPR Format 1 or CPR Format 1 report.

**Workaround Before Fix:** None.

**Files Updated:**

- cpr format 1.xlsx

- IPMR CPR Format 1.xlsx

## 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 8.4 Online Help	Created the following help topics for the Concurrent Forecast Calculations feature: Concurrent Forecast Calculations Run Concurrent Forecast Calculations Run Page of the Calculate Forecast Wizard
Cobra 8.4 Installation Guide	Updated Step 4 of the “Add a New Data Source” section with instructions applicable to every database server type.

# Cobra 8.4 Cumulative Update 09

**Released:** February 4, 2022

## Enhancements

There are no enhancements in this release.

## Software Issues Resolved

### Documentation

Defect 1589598

**Description:** The Cobra Help did not contain sufficient information about loading actual cost records from a SQL Server database table during integration.

**Customers Impacted:** This defect affects all customers.

**Workaround Before Fix:** None.

**Additional Notes:** The steps to load actual costs from a SQL Server database table is now documented in the "[Create an MS SQL Database Connection to Load Actual Costs](#)" help topic.

**Files Updated:**

- Create a MS SQL Database Connection to Load Actual Costs.html
- Database Table Selection Page of the Integration Wizard Actuals.html
- File Selection Page of the Integration Wizard Actuals.html
- Loading Actual Cost Records from a Database Table.html

### File » Integration Cost Data Export

Defect 1510620

**Description:** When you ran the Cost Data Export process to export to a JSON or DCDE file, the earned values for the Management Reserve (MR) and Undistributed Budget (UB) included zero values for the fields that were not applicable.

**Customers Impacted:** This defect affects customers who use the Cost Data Export process.

**Workaround Before Fix:** None.

**Files Updated:**

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

## File » Integration wInsight

### Defect 1592177

**Description:** When you ran the wInsight Export process, the UNCEFACT was not generated if the narrative text contained non-breaking spaces.

**Customers Impacted:** This defect affects customers who use the wInsight Export process.

**Workaround Before Fix:** Edit the narrative text by removing the non-breaking spaces and replacing them with spaces.

**Files Updated:**

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

### Defect 562503

**Description:** When you ran the wInsight Export process, the UNCEFACT was not generated if the control account code in the Spreadsheet pane of the Project view contained special characters (&, >, <, ", ', |).

**Customers Impacted:** This defect affects customers who use the wInsight Export process.

**Workaround Before Fix:** Edit the control account code by removing the special characters.

**Files Updated:**

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

### Defect 1321280

**Description:** When you ran the wInsight Export process to add dummy work packages for actuals and the **Level at which to capture actual costs** field on Files tab of the Project Properties dialog box was set to **Both Control Account & Work Package**, the generated XML file did not contain burden values for budget and progress.

**Customers Impacted:** This defect affects customers who use the wInsight Wizard.

**Workaround Before Fix:** None.

**Files Updated:**

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

## File » Integration Wizard-Project Data

Defect 1568599

**Description:** When you ran the Integration Wizard and the **Prevent editing of historical time phased values** option on the Project Preferences tab of the Project Properties dialog box was selected, Cobra updated the baseline dates before the status date.

**Customers Impacted:** This defect affects customers who use the Integration Wizard.

**Workaround Before Fix:** None.

**Files Updated:**

- Cobra.Process.dll

## Reports » Report Wizard

Defect 460631

**Description:** When you opened the Manage Filters dialog box, report filters to which you did not have access were displayed.

**Customers Impacted:** This defect affects all non-Cobra administrators using the Manage Filters dialog box.

**Workaround Before Fix:** None.

**Files Updated:**

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

## Reports » Reports

Defect 401984

**Description:** The Description column header for Export Rates report was incorrect.

**Customers Impacted:** This defect affects customers who generate Export Rates report.

**Workaround Before Fix:** Correct the column heading in the generated report.

**Files Updated:**

- export rates.xlsx

## 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 8.4 Online Help	<ul style="list-style-type: none"> <li>Made the following updates to the Cobra Online Help for Defect 158959: <ul style="list-style-type: none"> <li>Documented steps to load actual costs from a SQL Server database table in the "<a href="#">Create an MS SQL Database Connection to Load Actual Costs</a>" help topic.</li> <li>Added a note about creating an MS SQL database connection to load actuals costs to the following help topic: <ul style="list-style-type: none"> <li>"<a href="#">Database Table Selection Page of the Integration Wizard Actuals</a>"</li> <li>"<a href="#">File Selection Page of the Integration Wizard Actuals</a>"</li> <li>"<a href="#">Loading Actual Cost Records from a Database Table</a>"</li> </ul> </li> </ul> </li> </ul>

# Cobra 8.4 Cumulative Update 08

**Released:** December 20, 2021

## Enhancements

### BCR Analysis Report Enhancements

This release contains updates to support running of the Budget Change Request (BCR) Analysis report in PM Compass.

**Attention:** See “Cobra Integration Updates” in the *Delttek PM Compass 8.2 Cumulative Update 05 Release Notes for Lockheed Martin Aeronautics*.

### Allow Freezing of Multiple Columns and Rows in a Report Template File

You can now freeze multiple rows and columns in a report template file. When you run the Report Wizard, the changes you made to the report template file are applied to the generated report.

### Support for Primavera P6 20.12

Cobra now supports Primavera® P6 20.12 beginning with version 8.4 Cumulative 08 onwards.

### Match Work Package Forecast Dates with Dates Loaded from a Schedule during Integration

Cobra now allows you to match work package forecast start and finish dates with dates loaded from a schedule during integration. In order to support this feature, the **Force existing Work Package baseline dates to match the schedule** option on the Change Control page of the Integration Wizard has been changed to **Force existing Work Package dates to match the schedule for**, with a list of dates displayed depending on the dates being loaded from a schedule.



*Change Control Page of the Integration Wizard*

**Note:** For more information, see the [“Change Control Page of the Integration Wizard”](#) help topic.

## Software Issues Resolved

### API » Web Services

Defect 1544675

**Description:** When using Costpoint version 8.1 or earlier, the Integration-Actual Costs process with control account code assignments did not work.

**Customers Impacted:** This defect affects customers integrating with Costpoint.

**Workaround Before Fix:** None.

**Files Updated:**

- Cobra.WebService.Host.exe
- Cobra.WebService.dll

### File » Integration Cost Data Export

Defect 1409679

**Description:** When you ran the Cost Data Wizard on a master project while in the Master Projects view, Cobra encountered an application error.

**Customers Impacted:** This defect affects customers who use the Cost Data Wizard.

**Workaround Before Fix:** Run the Cost Data Wizard while in the Projects view instead of the Master Projects view.

**Files Updated:**

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

## File » Integration Wizard-Project Data

Defect 1431445

**Description:** When you performed multi-project concurrent integration using the Integration Wizard to load status data and selected the **Send to process server** option on the Save and Load page, Cobra encountered errors.

**Customers Impacted:** This defect affects customers who run concurrent Cobra processes.

**Workaround Before Fix:** None.

**Files Updated:**

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

Defect 1550439

**Description:** When you ran the Integration Wizard to import one file with activity and resource assignment data, and a result field on the Import File Field Mapper page contained "BE" within the result name, the integration failed with the following error: "SQL: Column '<resultnames>' is not found."

**Customers Impacted:** This defect affects customers who use the Integration Wizard.

**Workaround Before Fix:** Use two separate files during import (one activity file and one resource assignment file).

**Files Updated:**

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

## Project Processes » Assignment Export or Import

Defect 186735

**Description:** When you ran the Assignment Export Wizard and the resource exported contained special characters (&, <, >, ', ", ..., '), Cobra displayed an unexpected token error message.

**Customers Impacted:** This defect affects customers who use the Assignment Export Wizard.

**Workaround Before Fix:** Remove the special character in the resource name.

**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.

Document	Details
Cobra 8.4 Installation Guide	<ul style="list-style-type: none"> <li>▪ Added Primavera P6 20.12 to the Supported Deployment Technology table.</li> </ul>
Cobra 8.4 Technical Overview and System Requirements Guide	<ul style="list-style-type: none"> <li>▪ Added Primavera P6 20.12 to the Supported Deployment Technology table.</li> </ul>
Cobra 8.4 Online Help	<ul style="list-style-type: none"> <li>▪ Added a note about the freezing multiple rows and columns in a report template file to the "<a href="#">Report Templates</a>" help topic.</li> <li>▪ Added a note about specifying the data source in ServiceIdentityData.DataSourceKey property if Cobra is configured under Standalone or Server Deployment environment and that it has multiple data sources to the following help topics: <ul style="list-style-type: none"> <li>▪ <a href="#">Connecting to the Cobra Web Service Host</a></li> <li>▪ <a href="#">Explaining the SampleClientAPI Code</a></li> </ul> </li> </ul>

# 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 delivers software and information solutions that enable superior levels of project intelligence, management and collaboration. Our industry-focused expertise makes your projects successful and helps you achieve performance that maximizes productivity and revenue. [www.deltek.com](http://www.deltek.com)