Deltek Costpoint Enhancement Readme

Release Date: May 9, 2016

New Revenue Formulas Based on Funded Value: FVEAC and FVETC

Previously, Costpoint had estimate at completion (EAC) and estimate to complete (ETC) revenue formulas based only on the contract value. In this release, Costpoint includes two new revenue formulas that allow you to calculate revenue using a percent completion method but based on the funded value amount. The new formulas, which apply only to revenue and not to standard bills, are:

- **FVEAC** — Cost Incurred using Estimate At Completion (Funded Value)
- **FVETC** — Cost Incurred using Estimate To Complete (Funded Value)

FVEAC uses the following steps to compute revenue:

1. **Calculate allowable EAC:** Costpoint subtracts the inception-to-date (ITD) revenue loss amount on the Manage Revenue Information screen, if any, from the EAC amount also on the Manage Revenue Information screen.

2. **Calculate ITD percent complete based on EAC:** Costpoint divides the ITD allowable cost by the EAC amount from the previous step to arrive at the ITD cost percent complete.

3. **Calculate revenue before ITD loss:** Costpoint multiplies the ITD percent complete by the funded value for the project at the level of the revenue formula to get the ITD revenue before loss.

4. **Calculate final ITD revenue to recognize:** Costpoint subtracts the ITD revenue loss amount, if any, from the ITD revenue before loss to get the final ITD revenue.

5. **Calculate previous year-to-date (YTD) revenue recognized:** Costpoint sums the revenue in the project ledger for the current fiscal year up to and including the subperiod being calculated.

6. **Calculate prior years' and ITD revenue previously recognized:** Costpoint sums the revenue from the prior year table for fiscal years earlier than the selected fiscal year, and adds that value to the YTD revenue previously recognized to get the ITD revenue previously recognized.

7. **Calculate revenue to recognize in the period being computed:** Costpoint subtracts the ITD revenue amount previously recognized from the ITD revenue to recognize to get the ITD revenue not yet recognized. This amount can be positive or negative.

8. **Include ceilings:** If the ITD revenue exceeds the total project ceiling, the over-ceiling amount is recognized, and reduces revenue to the ceiling amount.

FVETC uses the following steps to compute revenue:

1. **Calculate total allowable EAC**: Costpoint adds the ETC amount on the Manage Revenue Information screen to the ITD allowable cost and then subtracts the ITD revenue loss amount (also on the Manage Revenue Information screen), if any.

2. **Calculate ITD percent complete based on EAC:** Costpoint divides the ITD allowable cost by the EAC amount from the previous step to arrive at the ITD cost percent complete.

3. **Calculate revenue before ITD loss:** Costpoint multiplies the ITD percent complete by the funded value for the project at the level of the revenue formula to get the ITD revenue before loss.

4. **Calculate final ITD revenue to recognize:** Costpoint subtracts the ITD revenue loss amount, if any, from the ITD revenue before loss to get the final ITD revenue.

5. **Calculate previous YTD revenue recognized:** Costpoint sums the revenue in the project ledger for the current fiscal year up to and including the subperiod being calculated.

6. **Calculate prior years' and ITD revenue previously recognized**: Costpoint sums the revenue from the prior year table for fiscal years earlier than the selected fiscal year, and adds that value to the YTD revenue previously recognized to get the ITD revenue previously recognized.

7. **Calculate revenue to recognize in the period being computed:** Costpoint subtracts the ITD revenue amount previously recognized from the ITD revenue to recognize to get the ITD revenue not yet recognized. This amount can be positive or negative.

8. **Include ceilings:** If the ITD revenue exceeds the total project ceiling, the over-ceiling amount is recognized, and reduces revenue to the ceiling amount.

Several applications are updated for this enhancement. On the following screens, you can now enter, or use lookup to select, **FVEAC** and **FVETC** in the **Revenue Formula** field:

- Manage Revenue Information
- Manage Project User Flow, on the Rev Info subtask
- Manage Revenue Formulas

The following applications do not have screen changes but now recognize the two new revenue formulas when computing revenue, importing project information into Costpoint, or generating reports:

- Import Project Master Data
- Mass Add Project Master Data
- Manage Project Master Data from Templates
- Print Project Revenue and Billing Formulas
- Print Project Master Report
- Print Project Setup Report

Patch and Application JAR Requirements

The following table lists the Costpoint applications affected by this enhancement. It includes the required JAR version for each application, if applicable.

Domain	Module	Application Name	Application ID	Application JAR
Projects	PJ	Manage Revenue Information	PJMREV	Not applicable
Projects	PJ	Manage Project User Flow	PJMBASIC	cp711_pjmbasic_012.jar
Projects	PJ	Manage Revenue Formulas	PJMRAMT	cp711_pjmramt_002.jar
Projects	PJ	Import Project Master Data	PJPPREP	cp711_pjpprep_010.jar
Projects	PJ	Mass Add Project Master Data	PJPMADD	Not applicable
Projects	PJ	Manage Project Master Data from Templates	PJMQPROJ	Not applicable
Projects	PJ	Print Project Revenue and Billing Formulas	PJRFORM	Not applicable
Projects	PJ	Print Project Master Report	PJRBASIC	Not applicable
Projects	PJ	Print Project Setup Report	PJRSETUP	Not applicable

Additionally, the following system JAR file and patch are required for this update:

- cp711_sys_017.jar
- PATCH2885

More information about this realease is on the following page.

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.

To Download the HotFix/Feature 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 Hot Fixes folder for your product, and select the update to download.
6. Click **Download** at the bottom of the screen.

To Install the HotFix/Feature Update:

Refer to the installation instructions posted on Deltek's Customer Care Connect site, https://deltek.custhelp.com.

- For Costpoint 7.1.1 updates, refer to Knowledge Base article 79232.

- For Costpoint 7.0.1 updates, refer to Knowledge Base article 73769.

- For Costpoint 7.0 updates, refer to Knowledge Base article 67722.

Before you install this update, please review all previous updates in the Knowledge Base article. You may need to install prerequisite programs or database patches (described in the Knowledge Base article) prior to installing this update. Note that when you download an update using Deltek Software Manager (DSM), all dependent files are automatically downloaded.

To Check to See if the HotFix is Installed:

1. Open the application that was updated.

2. Click **Help** > **About Costpoint** from the Costpoint toolbar. This will display a screen that shows you the latest update JAR for the application that is open, as well as the latest system JAR and all patches applied to the system.

To Check to See if the Feature is Installed:

1. Click **Help** > **About Costpoint** from the Costpoint toolbar.

2. Open the Features subtask and click the Feature that was just installed.

3. Open the Applications subtask. Check the list of applications and their corresponding application jars and see if they are correct and have been successfully deployed (highlighted in green).

4. Open the Patches subtask. Check the list of patches and see if they are correct and have been successfully deployed (highlighted in green).

More Information:

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