

Deltak Costpoint Enhancement Readme

Release Date: May 9, 2016

Disconnected Two-Factor Authentication (2FA)

In a previous release, Costpoint provided the ability to implement one-time passcode authentication as an extra layer of security. If this function is enabled, upon logging in to Costpoint, users are asked to provide a one-time passcode (generated by the Costpoint system) which they receive via email or through calling Help Desk.

In this release, Costpoint provides users the ability to separately generate a one-time passcode on a mobile device through one of the available 2FA mobile applications such as Duo Security and Google Authenticator.

Two applications are updated for this enhancement:

- **Manage Users** — A new group box, **2FA Settings**, is added to the Authentication tab of this screen with the following new options and field:
 - **None** — Select this option if you do not want to enforce 2FA for the user.
 - **Mobile Application** — Select this option if you want to enforce 2FA for the user and allow the user to generate a one-time passcode through a mobile device. Additional steps are required for the user to fully enable this authentication method.
 - **Email** — Select this option if you want to enforce 2FA for the user and Costpoint to generate a one-time passcode that will be emailed to the user.
 - **Effective Date** — Use this field to enter the date the selected 2FA method becomes effective. If you select **Email**, the current system date displays by default, but you can change it to a later date. If you select **Mobile Application**, the date that displays by default is seven days later than the system date to allow the user to complete the 2FA enrollment. If you select **None**, this field is disabled.

The other changes to the Authentication tab are as follows:

- The **PIN** field is now under the **2FA Settings** group box.
- The **One-time Passcode Required** check box has been removed.
- **Configure User Preferences** — On the Global Toolbar, the **Print Menu** options now include **Display 2FA Activation Barcode**, and the **Action** options now include **Complete 2FA Enrollment**.

When you select **Mobile Application** on the Manage Users screen, the user must perform the following steps to complete the 2FA enrollment process:

1. Install a 2FA mobile application such as Duo Security or Google Authenticator on a mobile device.
2. On the Configure User Preferences screen, perform the following steps:
 - a. Click the **Print Menu** icon and select **Display 2FA Activation Barcode**.
 - b. Using the 2FA mobile application you installed, scan the generated barcode image on the screen.
 - c. Click the **Action** icon and select **Complete 2FA Enrollment**.



To learn more about Costpoint two-factor authentication, refer to the [Deltak Costpoint 7.1.1 Security](#) document.

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.

Domain	Module	Application Name	Application ID	Application JAR
Administration	SS	Manage Users	SYMUSR	cp711_symusr_006.jar
Administration	SY	Configure User Preferences	UPMUSRPR	cp711_upmusrpr_003.jar

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

- cp711_sys_017.jar
- Patch 7096

More information about this release 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>.