

Deltek Costpoint to GovWin Capture Management Integration (Web Service)

Database Mapping Guide

March 14, 2019

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Overview

Welcome to the Deltek Costpoint to GovWin Capture Management Integration (Web Services) Technical Guide. This guide provides the processing details of applications available Costpoint that allows data integration to GovWin Capture Management.

Use GovWin Capture Management integration applications in Costpoint to set up mapping tables and establish parameter records that will be used to export existing customer, employee, organization, project, and vendor data from Costpoint into GovWin Capture Management.



Please confirm that your Costpoint and GovWin Capture Management data are configured correctly (for example, data types and level setup, including organization and project structures) before using this interface. If you have any questions or problems, contact Deltek's Application Integration Group or Deltek Technical Support.

This guide should be used together with other GovWin Capture Management Integration user documentation. You can access the Costpoint to GovWin Capture Management Integration applications in **Costpoint Administration » System Administration » System Administration Interfaces**.

If You Need Assistance

Customer Care Connect Site

The Deltek Customer Care Connect site is a support Web portal for Deltek customers who purchase an Ongoing Support Plan (OSP).

The following are some of the many options you have at the Customer Care Connect site:

- Download the latest versions of your Deltek products
- Search Deltek's knowledge base
- Ask questions, exchange ideas, and share knowledge with other Deltek customers through the Deltek Connect Customer Forums
- Display or download product information, such as release notes, user guides, technical information, and white papers
- Submit a support case and check on its progress
- Transfer requested files to a Customer Care analyst
- Use Quick Chat to submit a question to a Customer Care analyst online
- Subscribe to Deltek communications about your Deltek products and services
- Receive alerts of new Deltek releases and hot fixes



If you need assistance using the Customer Care Connect site, the online help available on the site provides answers for most questions

Access Customer Care Connect

To access the Customer Care Connect site, complete the following steps:

1. Go to <https://deltek.custhelp.com>.
2. Enter your Customer Care Connect **Username** and **Password**.
3. Click **Log In**.



If you forget your username or password, you can click the **Account Assistance** button on the login screen for help.

Additional Documentation for this Release

The following table lists the Deltek documentation available for this release. Except where noted, all the user guides and quick reference guides listed in this table are available for download from the Deltek Customer Care Connect site.

Document Name	Description
<i>Deltek Costpoint to GovWin Capture Management (Web Service) Release Notes</i>	This document contains the features in the Deltek Costpoint to GovWin Capture Management Integration release.

Document Name	Description
<i>Deltek Costpoint® to GovWin Capture Management (Web Service) Technical Guide</i>	This document contains instructions on how to set up Costpoint to run the integration with GovWin Capture Management through the use of Vision Web Services.

Customer Data

This section describes the integration process that transfers customer (client) data from Costpoint to GovWin Capture Management. Client data consists of three objects:

- Client Basic (CLNT_BASIC)
- Client Address (CLNT_ADDR)
- Client Contacts (CLNT_CONTACT).

Client Basic creates or updates records in the CL table, Client Address creates or updates records in the CLAddress table, and Client Contacts creates or updates records in the Contact table.



This section includes the processing details, followed by sections for each object's integration process: Client Basic, Client Address, and Client Contacts.

In each of the Integration Details sections, the GovWin Capture Management Table and Column represent the Target data, and the Costpoint Table and Column represent the Source data. Please see the Manage Interface Configuration and Scheduler screen and Configure Customer Options screen documentation for additional information regarding setup and usage of the Integration package for all objects.

Client Basic Integration Details

Each Customer (CUST) record selected from Costpoint (with associated notes from CUST_NOTES) will generate one client record in the CL table. You define the selection criteria on the Configure Customer Options screen, and link them to an interface instance on the Manage Interface Configuration and Scheduler screen. The Processing Details section describes how the criteria are used.

The following table describes the Costpoint tables and columns that are the sources of the values for the target tables and columns, along with additional notes regarding any transformation or validation that occurs.

GovWin Capture Management Table: CL, AuditTrail, ClientCustomTabFields, CFGSYSTEM

Costpoint Table: CUST, GL_CONFIG, CUST_NOTES, X_INTFC_ELEMENT, X_INTFC_ELEMENT_MAP

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default Value	Source Input/ Notes
CL	AlaskaNative	CUST	NO_MATCHING_VALUE	varchar (1)		
AUDITTRAIL	AuditID	CUST	NO_MATCHING_VALUE	uniqueidentifier (16)		When audit trail has been enabled, an audit trail record is created when a record is added or updated.
AUDITTRAIL	ModUser					When audit trail has been enabled, the ModUser column

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default Value	Source Input/ Notes
						will be populated with the value from the Revision_History_User parameter in the CP2GovWinCRM properties file. If no value is provided then "DeltekConnector" will be used.
AUDITTRAIL	ModDate					When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.
CFGSYSTEM	AuditingEnabled	CUST	NO_MATCHING_VALUE	varchar (1)		
CL	Client	CUST	CUST_ID			If space, set to null on insert.
CL	ClientID	CUST	CUST_ID	varchar (20)		
CL	ClientID	CUST	NO_MATCHING_VALUE			
ClientCustomTabFields	ClientID	CUST	CUST_ID	varchar (32)		
CL	ClientInd	CUST	NO_MATCHING_VALUE	varchar (1)		
CL	CreateDate			Date/time (8)	Integration processing date	
CL	CreateUser			varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default Value	Source Input/ Notes
						Only the first 20 characters of the Revision_History_User value will be used.
CL	CurrentStatus	CUST	NO_MATCHING_VALUE	varchar (50)		Set to "EXISTING."
CL	CustomCurrencyCode	CUST	NO_MATCHING_VALUE	varchar (3)		
CL	DisabledVet OwnedSmall Business	CUST	NO_MATCHING_VALUE	varchar (1)		
CL	DisadvBusiness	CUST	NO_MATCHING_VALUE	varchar (1)		
CL	ExportInd	CUST	NO_MATCHING_VALUE	varchar (1)	N	Set to "N."
CL	HBCU	CUST	NO_MATCHING_VALUE	varchar (1)		
CL	LinkedVendor	CUST	NO_MATCHING_VALUE	varchar (20)		
CL	MinorityBusiness	CUST	NO_MATCHING_VALUE	varchar (1)		
CL	ModDate			datetime (8)	Integration processing date	
CL	ModUser			varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.
CFGSYSTEM	MulticurrencyEnabled	CUST	NO_MATCHING_VALUE	varchar (1)		

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default Value	Source Input/ Notes
CL	Name	CUST	CUST_LONG_NAME	varchar (100)		If space, set to null on insert. Can be excluded on update, but not on insert.
CL	ParentID	CUST	NO_MATCHING_VALUE	varchar (32)		
CL	ParentLevel 1	CUST	NO_MATCHING_VALUE	varchar (32)		
CL	ParentLevel 2	CUST	NO_MATCHING_VALUE	varchar (32)		
CL	ParentLevel 3	CUST	NO_MATCHING_VALUE	varchar (32)		
CL	ParentLevel 4	CUST	NO_MATCHING_VALUE	varchar (32)		
CL	PriorWork	CUST	NO_MATCHING_VALUE	varchar (1)		
CL	Recommend	CUST	NO_MATCHING_VALUE	varchar (1)		
CL	SmallBusiness	CUST	NO_MATCHING_VALUE	varchar (1)		
CL	Specialty	CUST	NO_MATCHING_VALUE	text (16)		
CL	SpecialtyType	CUST	NO_MATCHING_VALUE	varchar (10)		
CL	Status	CUST	NO_MATCHING_VALUE	varchar (30)		Set to "A." Validate in CFGClientStatus.STATUS.
CL	Type	CUST	CUST_TYPE_DC	varchar (10)		If space, set to null on insert; otherwise, use the first 10 positions. If length is greater than 10 positions, truncate to 10.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default Value	Source Input/ Notes
						Validate in CFGClientType. CODE. Can be excluded on update, but not on insert.
CL	VendorInd	CUST	NO_MATCHING_VALUE	varchar (1)		
CL	VetOwnedSmallBusiness	CUST	NO_MATCHING_VALUE	varchar (1)		
CL	WebSite	CUST	NO_MATCHING_VALUE	varchar (255)		Leave null on insert; retain VS value on update.
CL	WomanOwned	CUST	NO_MATCHING_VALUE	varchar (1)		
CL	ClientID	CUST_NOTES	CUST_ID	varchar (32)		
CL	Memo	CUST_NOTES	NOTES_TX	text (16)		From CUST_NOTES. Can be excluded on both insert and update.
CL	CustomCurrencyCode	GL_CONFIG	FUNC_S_CRN_CY_CD	varchar (3)		
CL	NO_MATCHING_VALUE	X_INTFC_ELEMENT	INTFC_ID			
CL	Type	X_INTFC_ELEMENT	ACTIVE_FL	varchar (10)		
CL	Type	X_INTFC_ELEMENT	ELEM_ID	varchar (10)		
CL	NO_MATCHING_VALUE	X_INTFC_ELEMENT_MAP	INTFC_ID			
CL	Type	X_INTFC_ELEMENT_MAP	ELEM_ID	varchar (10)		
CL	Type	X_INTFC_ELEMENT_MAP	SOURCE_VALUE	varchar (10)		

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default Value	Source Input/ Notes
CL	Type	X_INTFC_ELEMENT_MAP	TARGET_VALUE	varchar (10)		

Client Address Integration Details

Each customer address record (CUST_ADDR) selected from Costpoint generates a single client address record in the CLAddress table.

The following table describes the Costpoint tables and columns that are the sources for the target tables and columns.

GovWin Capture Management Table: CLAddress, CFGMainData, CFGPhoneFormat, AuditTrail

Costpoint Table: CUST_ADDR

GovWin CM Table	GovWin CM Column	Costpoint Column	Data Type (Length)	Default Value	Source Input/Notes
CLAddress	Client ID	CUST_ID	Varchar (32) NOT NULL		Value is based upon the logical key. If the CUST_ID value is found in CL.CLIENT, the CL.CLIENTID will be used; otherwise, an error will be reported.
CLAddress	Address	ADDR_DC	Varchar (20) NOT NULL		
CLAddress	Address1	LN_1_ADDR	Varchar (50)		If space, set to null on insert. This can be excluded on both insert and update.
CLAddress	Address2	LN_2_ADDR	Varchar (50)		If space, set to null on insert; retain GovWin Capture Management value on update. This can be excluded on both insert and update.
CLAddress	Address3	LN_3_ADDR	Varchar (50)		If space, set to null on insert. This can be excluded on both insert and update.

GovWin CM Table	GovWin CM Column	Costpoint Column	Data Type (Length)	Default Value	Source Input/Notes
CLAddress	Address4	NO_MATCHING_VALUE	Varchar (50)		Leave null on insert; retain GovWin Capture Management value on update.
CLAddress	City	CITY_NAME	Varchar (30)		If space, set to null on insert. This can be excluded on both insert and update.
CLAddress	State	MAIL_STATE_DC	Varchar (10)		First 10 positions. If length is greater than 10 positions, truncate. This can be excluded on both insert and update.
CLAddress	ZIP	POSTAL_CD	Varchar (10)		If space, set to null on insert. This can be excluded on both insert and update.
CLAddress	Country	COUNTRY_CD	Varchar (40)		Use COUNTRY_NAME from COUNTRY table in place of COUNTRY_CD. This can be excluded on both insert and update.
CFGMainData	Company	NO_MATCHING_VALUE	Varchar (14)		Get default format key from CFGMAINDATA. DefaultPhoneFormatKey where COMPANY = " " (SPACE). If multiple records are returned, record and do not use a default phone format on inserts.
CFGMainData	DefaultPhoneFormatKey	NO_MATCHING_VALUE	Varchar (32)		If NULL, no default phone format is used on inserts. If not NULL, get default format from CFGPhoneFormat. PhoneFormat WHERE Pkey = CFGMAINDATA. DefaultPhoneFormatKey.
CFGPhone Format	PKey	NO_MATCHING_VALUE	Varchar (32)		Used to get default phone format.

GovWin CM Table	GovWin CM Column	Costpoint Column	Data Type (Length)	Default Value	Source Input/Notes
CFGPhone Format	Phone Format	NO_MATCHING_VALUE	Varchar (24)		Used as default phone format.
CLAddress	Phone	PHONE_ID	Varchar (24)		<p>First 24 positions. If length is greater than 24 positions, truncate. If space, set to null on insert.</p> <p>This can be excluded on both insert and update.</p> <p>See Phone format column logic.</p>
CLAddress	FAX	FAX_ID	Varchar (24)		<p>First 24 positions. If length is greater than 24 positions, truncate. If space, set to null on insert.</p> <p>This can be excluded on both insert and update.</p> <p>See fax format column logic.</p>
CLAddress	FAXFormat	NO_MATCHING_VALUE	Varchar (24)		<p>Use default format on insert. If there is no default phone format, leave NULL.</p> <p>On update: If format column is not null, set data to the format in this column; otherwise, record error and pass data through as is. See Phone format. If format column is not null and unable to format data, pass data through as is and set this format column to NULL. If fax format column is NULL and fax is NULL, use INSERT rules.</p>
CLAddress	Phone Format	NO_MATCHING_VALUE	Varchar (24)		<p>Use default format on insert. If there is no default phone format, leave NULL.</p> <p>On update: If format column is not null, set data to the format in this column; otherwise,</p>

GovWin CM Table	GovWin CM Column	Costpoint Column	Data Type (Length)	Default Value	Source Input/Notes
					record error and pass data through as is. See Phone format. If format column is not null and unable to format data, pass data through as is and set this format column to NULL. If phone format column is NULL and phone is NULL, use INSERT rules.
CLAddress	Email	NO_MATCHING_VALUE	Varchar (50)		Leave null on insert; retain GovWin Capture Management value on update.
CLAddress	Tax Country Code	NO_MATCHING_VALUE	Varchar (2)		Leave null on insert; retain GovWin Capture Management value on update.
CLAddress	Tax Registration Number	NO_MATCHING_VALUE	Varchar (15)		Leave null on insert; retain GovWin Capture Management value on update.
CLAddress	Primary Ind	NO_MATCHING_VALUE	Varchar (1) NOT NULL	N	If S_BILL_ADDR_CD is D , set to Y ; for all others, set to N . Set to Y if the PRIMARY ADDRESS CODE was provided at runtime and that code matches the current ADDR_DC.
CLAddress	Billing	S_BILL_ADDR_CD	Varchar (1) NOT NULL	N	Set to default value that database will provide. If S_BILL_ADDR_CD is Y or D , set to Y ; otherwise, set to N .
CLAddress	CreateUser			DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.

GovWin CM Table	GovWin CM Column	Costpoint Column	Data Type (Length)	Default Value	Source Input/Notes
CLAddress	CreateDate		Date/time (8)	Integration processing date	
CLAddress	ModUser		Varchar (20)	DeltekConnector	<p>Revision_History_User setting in the CP2CRM properties file.</p> <p>If the Revision_History_User property is empty then "DeltekConnector" will be used.</p> <p>Only the first 20 characters of the Revision_History_User value will be used.</p>
CLAddress	ModDate		Date/time (8)	Integration processing date	
CLAddress	Addressee	NO_MATCHING_VALUE	Varchar		Leave null on insert; retain GovWin Capture Management value on update.
AuditTrail	AuditID		NO MATCH		When audit trail has been enabled, an audit trail record is created when a record is added or updated.
AuditTrail	ModUser				<p>When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User parameter in the CP2GovWinCRM properties file.</p> <p>If no value is provided then "DeltekConnector" will be used.</p>
AuditTrail	ModDate				When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.

Client Contacts Integration Details

Each customer contact (CUST_ADDR_CNTRACT) record selected from Costpoint generates one record in the Contacts table.

The following table describes the Costpoint tables and columns that are the sources of the values for the target table and columns.

GovWin Capture Management Table: CLAddress, AuditTrail, CFGMainData, CFGPhoneFormat, Contacts

Costpoint Table: CUST_ADDR_CNTRACT, CUST_ADDR, GL_CONFIG

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default value	Source Input/Notes
CLAddress	ContactID	CUST_ADDR_CNTRACT	NO_MATCHING_VALUE	Varchar (32) NOT NULL		Concatenate CUST_ID and ADDR_DC.CONTRACT_ID.
CLAddress	ClientID	CUST_ADDR_CNTRACT	CUST_ID	Varchar (32)		Value is based upon the logical key. If the CUST_ID value is found in CL.CLIENT, the CL.CLIENTID will be used; otherwise, an error will be reported
CLAddress	CLAddress	CUST_ADDR_CNTRACT	ADDR_DC	Varchar (20)		Look up value in CL.ADDRESS.CLIENTID and CL.ADDRESS.ADDRESS using full KEY. If space, set to null on insert.
Contacts	Vendor	CUST_ADDR_CNTRACT	NO_MATCHING_VALUE	Varchar (20)		Leave null on insert; retain GovWin Capture Management value on update.
Contacts	VEAddress	CUST_ADDR_CNTRACT	NO_MATCHING_VALUE	Varchar (20)		Leave null on insert; retain GovWin Capture Management value on update.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default value	Source Input/Notes
Contacts	Type	CUST_ADD R_CONTACT	NO_MATCHING_VALUE	Varchar (10)		Set to C (Customer). Set value based on contact (client or vendor).
Contacts	LastName	CUST_ADD R_CONTACT	CONTACT_LAST_NAME	Varchar (30)		If space, set to null on insert. This can be excluded on both insert and update.
Contacts	FirstName	CUST_ADD R_CONTACT	CONTACT_FIRST_NAME	Varchar (25)		If space, set to null on insert. This can be excluded on both insert and update.
Contacts	MiddleName	CUST_ADD R_CONTACT	NO_MATCHING_VALUE	Varchar (30)		Leave null on insert; retain GovWin Capture Management value on update.
Contacts	Salutation	CUST_ADD R_CONTACT	NO_MATCHING_VALUE	Varchar (10)		Leave null on insert; retain GovWin Capture Management value on update. Look up value in CFGPrefix.PREFIX.
Contacts	Suffix	CUST_ADD R_CONTACT	NO_MATCHING_VALUE	Varchar (20)		Leave null on insert; retain GovWin Capture Management value on update. Look up value in CFGSuffix.SUFFIX.
Contacts	Title	CUST_ADD R_CONTACT	CONTACT_TITLE_NAME	Varchar (50)		If space, set to null on insert.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default value	Source Input/Notes
						This can be excluded on both insert and update.
CLAddress	Address1	CUST_ADDR	LN_1_ADDR	Varchar (50)		If space, set to null on insert. This can be excluded on both insert and update.
CLAddress	Address2	CUST_ADDR	LN_2_ADDR	Varchar (50)		If space, set to null on insert. This can be excluded on both insert and update.
CLAddress	Address3	CUST_ADDR	LN_3_ADDR	Varchar (50)		If space, set to null on insert. This can be excluded on both insert and update.
CLAddress	Address4	CUST_ADDR	NO_MATCHING_VALUE	Varchar (50)		Leave null on insert; retain GovWin Capture Management value on update.
CLAddress	City	CUST_ADDR	CITY_NAME	Varchar (30)		If space, set to null on insert. This can be excluded on both insert and update.
CLAddress	State	CUST_ADDR	MAIL_STATE_DC	Varchar (10)		This can be excluded on both insert and update.
CLAddress	ZIP	CUST_ADDR	POSTAL_CD	Varchar (10)		If space, set to null on insert. This can be excluded on both insert and update.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default value	Source Input/Notes
CLAddress	Country	CUST_ADDR	COUNTRY_CD	Varchar (40)		Use COUNTRY_NAME from COUNTRY table in place of COUNTRY_CD. Can be excluded on both insert and update
CFGMain Data	Company	CUST_ADDR_CONTACT	NO_MATCHING_VALUE	Varchar (14)		Get default format key from CFGMAINDATA. DefaultPhoneFormatKey where COMPANY = " " (SPACE). If multiple records are returned, record message and do not use a default phone format on INSERTS.
CFGMain Data	Default Phone FormatKey	CUST_ADDR_CONTACT	NO_MATCHING_VALUE	Varchar (32)		If NULL, no default phone format is used on INSERTS. If not NULL, get default format from CFGPhoneFormat. PhoneFormat WHERE Pkey = CFGMAINDATA. DefaultPhoneFormatKey.
CFGPhone Format	PKey	CUST_ADDR_CONTACT	NO_MATCHING_VALUE	Varchar (32)		Used to get default phone format.
CFGPhoneFormat	Phone Format	CUST_ADDR_CONTACT	NO_MATCHING_VALUE	Varchar (24)		Used as default phone format.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default value	Source Input/Notes
Contacts	Phone	CUST_ADD R_CONTACT	PHONE_ID	Varchar (24)		<p>If space, set to null on insert.</p> <p>First 24 positions. If length is greater than 24 positions, truncate.</p> <p>This can be excluded on both insert and update.</p> <p>See Phone format column logic.</p>
Contacts	Fax	CUST_ADD R_CONTACT	FAX_ID	Varchar (24)		<p>First 24 positions. If length is greater than 24 positions, truncate. If space, set to null on insert.</p> <p>This can be excluded on both insert and update.</p> <p>See Fax format column logic.</p>
Contacts	Pager	CUST_ADD R_CONTACT	OTH_PHONE_ID	Varchar (24)		<p>Leave null on insert.</p> <p>This can be excluded on both insert and update.</p> <p>See Pager Phone format column logic.</p>
Contacts	CellPhone	CUST_ADD R_CONTACT	OTH_PHONE_ID	Varchar (24)		<p>If space, set to null on insert.</p> <p>First 24 positions. If length is greater than 24 positions, truncate.</p> <p>This can be excluded on</p>

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default value	Source Input/Notes
						both insert and update. See Cell Phone format column logic.
Contacts	HomePhone	CUST_ADD R_CONTACT	OTH_PHONE_ID	Varchar (24)		Leave null on insert. This can be excluded on both insert and update. See Home Phone format column logic.
Contacts	FaxFormat	CUST_ADD R_CONTACT	NO_MATCHING_VALUE	Varchar (24)		Use default format on insert. If no default phone format is found, leave NULL. On update: If format column is not null, set data to format in this column; otherwise, record error and pass data through as is. See Phone format. If format column is not null and program is unable to format data, pass data through as is and set this format column to NULL. If fax format column is NULL and fax is NULL, use INSERT rules.
Contacts	CellPhone Format	CUST_ADD R_CONTACT	NO_MATCHING_VALUE	Varchar (24)		Use default format on insert. If no default phone format is found, leave NULL.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default value	Source Input/Notes
						On update: If format column is not null, set data to format in this column; otherwise, record error and pass data through as is. See Phone format. If format column is not null and program is unable to format data, pass data through as is and set this format column to NULL. If cell phone format column is NULL and cell phone is NULL, use INSERT rules.
Contacts	HomePhone Format	CUST_ADD R_CONTACT	NO_MATCHING_VALUE	Varchar (24)		Use default format on insert. If no default phone format is found, leave NULL. On update: If format column is not null, set data to format in this column; otherwise, record error and pass data through as is. See Phone format. If format column is not null and program is unable to format data, pass data through as is and set this format column to NULL. If

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default value	Source Input/Notes
						home phone format column is NULL and home phone is NULL, use INSERT rules.
Contacts	Pager Format	CUST_ADD R_CONTACT	NO_MATCHING_VALUE	Varchar (24)		<p>Use default format on insert. If no default phone format is found, leave NULL.</p> <p>On update: If format column is not null, set data to format in this column; otherwise, record error and pass data through as is. See Phone format. If format column is not null and program is unable to format data, pass data through as is and set this format column to NULL. If pager format column is NULL and pager is NULL, use INSERT rules.</p>
Contacts	Phone Format	CUST_ADD R_CONTACT	NO_MATCHING_VALUE	Varchar (24)		<p>Use default format on insert. If no default phone format is found, leave NULL.</p> <p>On update: If format column is not null, set data to format in this column; otherwise, record error and pass data through as is.</p>

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default value	Source Input/Notes
						See Phone format, If format column is not null and program is unable to format data, pass data through as is and set this format column to NULL. If phone format column is NULL and phone is NULL, use INSERT rules.
Contacts	Email	CUST_ADDR_CONTACT	NO_MATCHING_VALUE	Varchar (50)		Leave null on insert; retain GovWin Capture Management value on update.
Contacts	Memo	CUST_ADDR_CONTACT	NOTES	Text (16)		If space, set to null on insert.
Contacts	Mailing Address	CUST_ADDR_CONTACT	NO_MATCHING_VALUE	Varchar (1) NOT NULL	N	Set to default value that database will provide.
Contacts	Billing	CUST_ADDR_CONTACT	S_BILL_ADDR_CD	Varchar (1) NOT NULL	N	If S_BILL_ADDR_CD is Y or D , set to Y ; otherwise, set to N . Set to default value that database will provide.
Contacts	PrimaryInd	CUST_ADDR_CONTACT	NO_MATCHING_VALUE	Varchar (1) NOT NULL	N	If S_BILL_ADDR_CD is D , set to Y ; for all others, set to N . Set to Y if a PRIMARY ADDRESS CODE was

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default value	Source Input/Notes
						provided at runtime and that code equals the current ADDR_DC.
Contacts	Contact Status	CUST_ADDR_CONTACT	NO_MATCHING_VALUE	Varchar (10)		Set to A. Validate in CONTACT STATUS.CODE.
Contacts	CreateUser			Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.
Contacts	CreateDate			Date/time (8)	Integration processing date	
Contacts	ModUser			Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_Histo

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default value	Source Input/Notes
						ry_User value will be used.
Contacts	ModDate			Date/time (8)	Integration processing date	
Contacts	Addressee	CUST_ADD R_CONTACT	NO_MATCHING_VALUE	Varchar (50)		Leave null on insert; retain GovWin Capture Management value on update.
Contacts	Preferred Name	CUST_ADD R_CONTACT	NO_MATCHING_VALUE	Varchar (60)		Leave null on insert; retain GovWin Capture Management value on update.
Contacts	Custom Currency Code	GL_CONFIG	FUNC_S_CRNCY_CD	Varchar(3)		If CFGSYSTEM.MulticurrencyEnabled = Y then set through mapping where CUST.COMPANY_ID = GL_CONFIG.COMPANY_ID.
AuditTrail	AuditID		NO MATCH			When audit trail has been enabled, an audit trail record is created when a record is added or updated.
AuditTrail	ModUser					When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User parameter in the CP2GovWinCR

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	Data Type (Length)	Default value	Source Input/Notes
						M properties file. If no value is provided then "DeltekConnect or" will be used.
AuditTrail	ModDate					When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.

Employee Data

This section describes the integration process that transfers employee-related data from Costpoint to GovWin Capture Management. The Employee data consists of all applicable employee information being transferred from four objects:

- Employee Basic (EMPL_BASIC)
- Employee Degree (EMPL_DEGREE)
- Employee Skills (EMPL_SKILL)
- Employee Professional Organizations (EMPL_PROF_ORG)

Multiple records in Costpoint can generate one single record in GovWin Capture Management. To retrieve an existing employee record in Costpoint, three tables must be joined, meaning that data from all three tables are linked to the employee ID being processed. To create a row in a single table (EM), the application uses these three tables: Employee (EMPL), Employee Labor Info (EMPL_LAB_INFO), and Employee Phone (EMPL_PHONE).

If an employee record has multiple phone rows (Work, Home, and so on) in Costpoint, these multiple records are stored in one table (EM). The integration program generates employee records sequentially, meaning that an employee record (Employee Basic information) must exist in the EM table before the program can insert the Skills, Degree, or Professional Organization records in accordance with the parameter record on the Configure Employee Options screen.



The following sections include each object's integration detail information: Employee Basic, Employee Degree, Employee Skills, and Employee Professional Organizations

In each of the Integration Details sections, the GovWin Capture Management Table and Column represent the Target data, and the Costpoint Table and Column represent the Source data. Please see the Manage Interface Configuration and Scheduler screen and Configure Employee Options screen documentation for additional information regarding setup and usage of the Integration package for all objects.

Employee Basic Integration Details

This integration program generates records in the EM table.

GovWin Capture Management table: EM, EmployeeCustomTabFields, AuditTrail, CFGPhoneFormat, CFGMainData

Costpoint tables: EMPL, EMPL_LAB_INFO, REORG_ORG_LINK, EMPL_PHONE

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
EM	Employee	EMPL	EMPL_ID	Varchar (20)		
EM	LastName		LAST_NAME	Varchar (30)		If space, set to null. Can be excluded on update, but not on insert.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
EM	FirstName		FIRST_NAME	Varchar (20)		If space, set to null. This can be excluded on both insert and update.
EM	MiddleName		MID_NAME	Varchar (30)		If space, set to null. This can be excluded on both insert and update.
EM	JobCostRate		NO MATCH	Decimal (19)	0	Set default value.
EM	JobCostType	EMPL_LAB_INFO	S_HRLY_SAL_CD	Varchar (1)		If space, set to null. This can be excluded on both insert and update.
EM	JCOvtPct	EMPL	NO MATCH	Decimal (19)	0	Set default value.
EM	TargetRatio		NO MATCH	Decimal (19)	0	Set default value.
EM	HoursPerDay		NO MATCH	Decimal (19)	0	Set default value.
EM	HireDate		ORIG_HIRE_DT	Date/time (8)		If space, set to null. This can be excluded on both insert and update.
EM	RaiseDate		NO MATCH	Date/time (8)		Set to null.
EM	Status		S_EMPL_STATUS_CD	Varchar (1)		Should exist in CFGEmployee Status. Status. If the EMPL.TERM_DT is not null, set to T. If EMPL.S_EMP_L_STATUS_CD is ACT , set to

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						A ; otherwise, set to I . If space, set to null.
EM	Type		NO MATCH	Varchar (1)		Set to null.
EM	Org (when not using REORG option)	EMPL_LAB_INFO	ORG_ID	Varchar (14)		If length of Org_ID is greater than 14, truncate. Cannot be null if Organization. ConsultantInd is N . Look up value in Organization. Org. If space, set to null. This can be excluded on both insert and update.
EM	Org (when using REORG option)	EMPL_LAB_INFO (and REORG_ORG_LINK if Use Reorganization check box is selected)	REORG_ID	Varchar (14)		The application uses the EMPL_LAB_INFO.Org_ID to get the Reorg_Org_Link.Reorg_Id. If the Exclude Top Level check box is selected, the top-level reorg_ID will be removed. This can be excluded on both insert and update.
EM	Region	EMPL	NO MATCH	Varchar (10)		Set to null.
EM	BillingCategory			Smallint (2)	0	Set to default. This can be excluded on both insert and update.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
EM	BillingPool		NO MATCH	Smallint (2)	0	
EM	SSN		SSN_ID	Varchar (11)		If space, set to null. This can be excluded on both insert and update.
EM	Address1		LN_1_ADDRESS	Varchar (50)		If space, set to null. This can be excluded on both insert and update.
EM	Address2		LN_2_ADDRESS	Varchar (50)		If space, set to null. This can be excluded on both insert and update.
EM	Address3		LN_3_ADDRESS	Varchar (50)		If space, set to null. This can be excluded on both insert and update.
EM	City		CITY_NAME	Varchar (30)		If space, set to null. This can be excluded on both insert and update.
EM	State		MAIL_STATE_DC	Varchar (10)		This can be excluded on both insert and update.
EM	ZIP		POSTAL_CD	Varchar (10)		If space, set to null. This can be excluded on both insert and update.
EM	Country		COUNTRY_CD	Varchar (40)		Use COUNTRY_NAME from

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						COUNTRY table in place of COUNTRY_CD. This can be excluded on both insert and update.
CFGMainData	Company	EMPL	NO_MAT CHING_VALUE	Varchar (14)		Get default format key from CFGMAINDATA.DefaultPhoneFormatKey where COMPANY = " " (SPACE). If multiple records are returned, record message and do not use a default phone format on INSERTS.
CFGMainData	DefaultPhoneFormatKey	EMPL	NO_MAT CHING_VALUE	Varchar (32)		If NULL, no default phone format is used on INSERTS. If not NULL, get default format from CFGPhoneFormat. PhoneFormat WHERE Pkey = CFGMAINDATA.DefaultPhoneFormat Key.
CFG Phone Format	Pkey	EMPL	NO_MAT CHING_VALUE	Varchar (32)		Used to get default phone format.
CFG Phone Format	PhoneFormat	EMPL	NO_MAT CHING_VALUE	Varchar (24)		Used as default phone format.
EM	HomePhone	EMPL_PHONE	PHONE_ID	Varchar (24)		Truncate to 24 positions. If

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						<p>Phone_Type_DC is HOME, populate home number. If space, set to null.</p> <p>This can be excluded on both insert and update.</p> <p>See Home Phone format column logic.</p>
EM	FAX	EMPL_PHONE	PHONE_ID	Varchar (24)		<p>Truncate to 24 positions. If Phone_Type_DC is FAX, populate fax number. If space, set to null.</p> <p>This can be excluded on both insert and update.</p> <p>See Fax format column logic.</p>
EM	Email	EMPL	EMAIL_ID	Varchar (50)		This can be excluded on both insert and update.
EM	TKGroup		NO MATCH	Varchar (2)		Set to null.
EM	TKAdminLevel		NO MATCH	Varchar (1)		Set to null.
EM	TKAdminEdit		NO MATCH	Varchar (1)	N	Set default.
EM	TKAdminApproval		NO MATCH	Varchar (1)	N	Set default.
EM	EKGroup		NO MATCH	Varchar (2)		Set to null.
EM	EKAdminLevel		NO MATCH	Varchar (1)		Set to null.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
EM	EKAdminEdit		NO MATCH	Varchar (1)	N	Set default.
EM	EKAdminApproval		NO MATCH	Varchar (1)	N	Set default.
EM	Memo		NO MATCH	Text (16)		Set to null.
EM	Employee Photo		NO MATCH	Varchar (255)		Set to null.
EM	PayRate		NO MATCH	Decimal (19)	0	Set default.
EM	PayType	EMPL_LAB_INFO	S_HRLY_SAL_CD	Varchar (1)		If space, set to null. This can be excluded on both insert and update.
EM	PayOvtPct	EMPL	NO MATCH	Decimal (19)	0	Set default.
EM	PaySpecial Ovt Pct		NO MATCH	Decimal (19)	0	Set default.
EM	ADPFile Number		NO MATCH	Varchar (6)		Set to null.
EM	ADPCompany Code		NO MATCH	Varchar (3)		Set to null.
EM	ADPRateCode		NO MATCH	Varchar (1)		Set to null.
EM	ProvCostRate		NO MATCH	Decimal (19)	0	Set default. This can be excluded on both insert and update.
EM	ProvBillRate		NO MATCH	Decimal (19)	0	Set default.
EM	ProvCostOT Pct		NO MATCH	Decimal (19)	0	Set default.
EM	ProvBillOT Pct		NO MATCH	Decimal (19)	0	Set default.
EM	DefaultLC1		NO MATCH	Varchar (14)		Set to null.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
EM	DefaultLC2		NO MATCH	Varchar (14)		Set to null.
EM	DefaultLC3		NO MATCH	Varchar (14)		Set to null.
EM	DefaultLC4		NO MATCH	Varchar (14)		Set to null.
EM	DefaultLC5		NO MATCH	Varchar (14)		Set to null.
EM	ChangeDefault LC		NO MATCH	Varchar (1)	N	Set default.
EM	Termination Date		NO MATCH	Date/time (8)		Set to null.
EM	UseTotalHrs As Std		NO MATCH	Varchar (1)	N	Set default.
EM	JCSpecialOv tPct		NO MATCH	Decimal (19)	0	Set default.
EM	ProvCost SpecialOTPct		NO MATCH	Decimal (19)	0	Set default.
EM	ProvCostRate	EMPL_LAB_INFO	HRLY_A MT	Decimal (19)	0	Set to zero.
EM	ProvBillSpecial OTPct		NO MATCH	Decimal (19)	0	Set default.
EM	Salutation		NAME_P RFX_CD	Varchar (10)		<p>If length is greater than five positions, truncate to first 10 positions. If space, set to null. Look up value in CFGPrfix.Pr efix for foreign key check.</p> <p>This can be excluded on both insert and update.</p> <p>Element Value Mapping is supported by this column.</p> <p>If Element Value mapping</p>

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						is active and NAME_PRFX_CD was not found then record error for Mapping lookup and skip row.
EM	Suffix		NAME_SFX_CD	Varchar (20)		<p>If space, set to null. Look up value in CFGSuffix.Suffix.</p> <p>This can be excluded on both insert and update.</p> <p>Element Value Mapping is supported by this column.</p> <p>If Element Value mapping is active and NAME_SFX_CD was not found then record error for Mapping lookup and skip row.</p>
EM	Title	EMPL_LAB_INFO	TITLE_DESC	Varchar (50)		This can be excluded on both insert and update.
EM	YearsOther Firms	EMPL	NO MATCH	Smallint (2)	0	Set default.
EM	ExportInd		NO MATCH	Varchar (1)	N	Set default.
EM	ConsultantInd	EMPL	CONTRACTOR_FL	Varchar (1)	N	This can be excluded on both insert and update. Set through mapping.
EM	Vendor		NO MATCH	Varchar (20)		Set to null.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
EM	Supervisor	EMPL_LAB_INFO	MGR_EMPL_ID	Varchar (20)		On insert, look up value in EM.Employee. If, on insert, the Lookup value in EM.Employee fails, set the field to blank. When the record is updated, the Supervisor will be updated to the correct Supervisor. This can be excluded on both insert and update.
EM	WorkPhone	EMPL_PHONE	PHONE_ID	Varchar (24)		Truncate to 24 positions. If Phone_Type_DC is WORK , populate work phone. If space, set to null. This can be excluded on both insert and update. See Work Phone format column logic.
EM	WorkPhone Ext		PHONE_EXT_CD	Varchar (6)		If Phone_Type_DC is WORK , populate Work Extension. If space, set to null. This can be excluded on both insert and update.
EM	MobilePhone	EMPL	NO MATCH	Varchar (24)		Set to null.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
EM	FaxFormat	EMPL_PHONE	NO MATCH	Varchar (24)		<p>Use default format on insert. If no default phone format is found, leave NULL.</p> <p>On update: If format column is not null, set data to format in this column; otherwise, record error and pass data through as is. See Phone format. If format column is not null and program is unable to format data, pass data through as is and set this format column to NULL. If fax format column is NULL and fax is NULL, use INSERT rules.</p>
EM	HomePhone Format	EMPL_PHONE	NO MATCH	Varchar (24)		<p>Use default format on insert. If no default phone format is found, leave NULL.</p> <p>On update: If format column is not null, set data to format in this column; otherwise, record error and pass data through as is. See Phone format. If format column is not null and</p>

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						program is unable to format data, pass data through as is and set this format column to NULL. If home phone format column is NULL and home phone is NULL, use INSERT rules.
EM	MobilePhone Format	EMPL_PHONE	NO MATCH	Varchar (24)		Not Implemented in maps.
EM	WorkPhone Format	EMPL_PHONE	NO MATCH	Varchar (24)		<p>Use default format on insert. If no default phone format is found, leave NULL.</p> <p>On update: If format column is not null, set data to format in this column; otherwise, record error and pass data through as is. See Phone format. If format column is not null and program is unable to format data, pass data through as is and set this format column to NULL. If work phone format column is NULL and work phone is NULL, use INSERT rules.</p>

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
EM	AvailableFor CRM		NO MATCH	Varchar(1)	N	Set to Y.
EM	ReadyFor Approval		NO MATCH	Varchar (1)	N	Set default.
EM	ReadyFor Processing		NO MATCH	Varchar (1)	N	Set default.
EM	CheckHours		NO MATCH	Varchar (1)		Set to null.
EM	CreateUser			Varchar (20)	DeltekConnector	<p>Revision_History_User setting in the CP2CRM properties file.</p> <p>If the Revision_History_User property is empty then "DeltekConnector" will be used.</p> <p>Only the first 20 characters of the Revision_History_User value will be used.</p>
EM	CreateDate			Date/time (8)	Integration processing date	
EM	ModUser			Varchar (20)	DeltekConnector	<p>Revision_History_User setting in the CP2CRM properties file.</p> <p>If the Revision_History_User property is empty then "DeltekConnector" will be used.</p> <p>Only the first 20 characters of the</p>

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						Revision_History_User value will be used.
EM	ModDate			Date/time (8)	Integration processing date	
EM	Locale		NO MATCH	Varchar (2)		Set to null.
EM	LocaleMethod		NO MATCH	Varchar (1)	0	Set to 0.
EM	Preferred Name		PREF_NAME	Varchar (60)		If PREF_NAME is space, set to null; otherwise, set to PREF_NAME . This can be excluded on both insert and update.
EM	Employee	Employee Custom TabFields	EMPL_ID	Varchar (20)		Add row in custom table when adding a row in primary table. Only Inserts no Updates.
AuditTrail	AuditID		NO MATCH			When audit trail has been enabled, an audit trail record is created when a record is added or updated.
AuditTrail	ModUser					When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User parameter in the CP2GovWinC

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						RM properties file. If no value is provided then "DeltekConnector" will be used.
AuditTrail	ModDate					When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.
EM	AllowBreak Time	EMPL	NO MATCH	Varchar (1)		Not Implemented in maps.
EM	AllowCharge Units	EMPL	NO MATCH	Varchar (1)		Not Implemented in maps.
EM	DefaultBreak End	EMPL	NO MATCH	Varchar (8)		Not Implemented in maps.
EM	DefaultBreak Start	EMPL	NO MATCH	Varchar (8)		Not Implemented in maps.
EM	RequireStart EndTime	EMPL	NO MATCH	Varchar (1)		Not Implemented in maps.

Employee Degree Integration Details

This integration program generates records in the GovWin Capture Management database's EMDegree table.

GovWin Capture Management table: EMDegree, AuditTrail

Costpoint table: H_EMPL_DEGREE

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
EMDegree	RecordID	EMPL_ID	Varchar (32)		Concatenate the Empl_ID "-" (a dash) and Deg_ID.

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
EMDegree	Employee	EMPL_ID	Varchar (20)		Look up value in Em.Employee.
EMDegree	Seq	NO MATCH	Smallint (2)	0	Assign as incremental number to each degree by Empl_ID.
EMDegree	Degree	DEG_ID	Varchar (10)		Convert to upper case; if space, set to null. Look up value in CFGEMDegree.Code.
EMDegree	Specialty	MAJOR_ID	Varchar (60)		Can be excluded on update, but not on insert.
EMDegree	Institution	SCHOOL_NAME	Varchar (60)		If space, set to null. Can be excluded on update, but not on insert.
EMDegree	YearEarned	DEG_DT	Smallint (2)	0	Extract year (YYYY) from DEG_DT. If null, set to default. Can be excluded on update, but not on insert.
EMDegree	IncludeIn Proposal	NO MATCH	Varchar (1)	Y	Set to default.
EMDegree	CreateUser		Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.
EMDegree	CreateDate		Date/time (8)	Integration processing date	
EMDegree	ModUser		Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
					"DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.
EMDegree	ModDate		Date/time (8)	Integration processing date	
AuditTrail	AuditID		NO MATCH		When audit trail has been enabled, an audit trail record is created when a record is added or updated.
AuditTrail	ModUser				When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User parameter in the CP2GovWinCRM properties file. If no value is provided then "DeltekConnector" will be used.
AuditTrail	ModDate				When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.

Employee Skills Integration Details

This integration program generates records in the EMSkills table.

GovWin Capture Management table: EMSkills, AuditTrail

Costpoint table: H_EMPL_Skills

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
EMSkills	Employee	EMPL_ID	Varchar (20)		Look up value in Em.Employee.
EMSkills	Skill	SKILL_ID	Varchar (10)		Look up value in CFGEMSkill.Code.

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
EMSkills	SkillLevel	NO MATCH	Varchar (2)	0	<p>Set to default.</p> <p>Element Value Mapping is supported by this column.</p> <p>If Element Value mapping is active and Skill_LVL_CD was not found, record error for Mapping lookup and skip row.</p> <p>IF element value mapping is active and if CFGEMSkillLevel.C ode is not found, record foreign key error and skip row.</p>
EMSkills	PrimaryInd	NO MATCH	Varchar (1)	N	Set to default.
EMSkills	CreateUser		Varchar (20)	DeltekConnector	<p>Revision_History_User setting in the CP2CRM properties file.</p> <p>If the Revision_History_User property is empty then "DeltekConnector" will be used.</p> <p>Only the first 20 characters of the Revision_History_User value will be used.</p>
EMSkills	CreateDate		Date/time (8)	Integration processing date	
EMSkills	ModUser		Varchar (20)	DeltekConnector	<p>Revision_History_User setting in the CP2CRM properties file.</p> <p>If the Revision_History_User property is empty then "DeltekConnector" will be used.</p>

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
					Only the first 20 characters of the Revision_History_User value will be used.
EMSkills	ModDate		Date/time (8)	Integration processing date	
AuditTrail	AuditID		NO MATCH		When audit trail has been enabled, an audit trail record is created when a record is added or updated.
AuditTrail	ModUser				When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User parameter in the CP2GovWinCRM properties file. If no value is provided then "DeltekConnector" will be used.
AuditTrail	ModDate				When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.

Employee Professional Organization Integration Details

The Employee Professional Organizations table is user-defined. You should have created this table (Employees_Affiliations) in GovWin Capture Management (in the Configuration/User Defined tabs). The table name and the column names must be an exact match; otherwise, the interface will not be able to upload data from Costpoint.

GovWin Capture Management Table: Employees_Affiliations, AuditTrail

GovWin Capture Management Columns

GovWin Capture Management internally creates the employee and Seq column names. The application also internally assigns all columns with a **CUST** prefix. The columns that you need to create are:

- **MemberDate** — Date field (the application creates custMemberDate)
- **MemberYears** — Decimal

- **Notes** — Memo
- **MemberExpiration** — Date
- **Affiliation** — Varchar

Costpoint Table: H_EMPL_PROF_ORG

GovWin CM Table	GovWin CMt Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
Employees_Affiliations	EMPLOYEE	EMPL_ID	VARCHAR (11)		Look up value in EM (Employee).
Employees_Affiliations	SEQ	PROF_ORG_ID	VARCHAR (32)		
Employees_Affiliations	custMemberDate	START_DT	DATE (8)		
Employees_Affiliations	custMemberYears	MEMBR_YRS_NO	DECIMAL (9)		
Employees_Affiliations	custNotes	NOTES	MEMO (16)		This can be excluded on both insert and update.
Employees_Affiliations	custMemberExpiration	END_DT	DATE (8)		
AuditTrail	AuditID		NO MATCH		If Audit has been enabled, an audit trail record is created when a record is added or updated.
AuditTrail	ModUser				When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User parameter in the CP2GovWinCRM properties file. If no value is provided then "DeltekConnect or" will be used.

GovWin CM Table	GovWin CMt Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
AuditTrail	ModDate				When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.
Employees_Affiliations	custAffiliation	PROF_ORG_DESC	VARCHAR (70)		From PROF_ORG table. Can be excluded on update, but not on insert.

Lookup Data

This section describes the integration process that transfers Lookup data from Costpoint to GovWin Capture Management. The Lookup group consists of these four objects:

- Employee Degree (LU_EMPL_DEGREE)
- Employee Skills (LU_EMPL_SKILL)
- Client Type (LU_CLNT_TYPE)
- Project Type (LU_PROJ_TYPE) configuration data.

Each object (as outlined in the Integration Details sections) generates records in the assigned table(s) in the GovWin Capture Management database.



The following documentation includes the processing details, followed by sections for each object's integration process: Employee Degree, Employee Skills, Client Type, and Project Type.

In each of the Integration Details sections, the GovWin Capture Management Table and Column represent the Target data, and the Costpoint Table and Column represent the Source data. Please see the Manage Interface Configuration and Scheduler screen documentation for additional information regarding setup and usage of the Integration package for all objects.

Lookup Processing Details

This section provides the details of the integration process that transfers Lookup data.

1. The program selects records from Costpoint that have been added or updated since the last time the interface process for that object was run.
2. If you have set up element-level exclusion on the Manage Interface Elements screen, the application will use those parameters when inserting or updating data. If you exclude an element value on an insert, the default value for that element will be used instead of the current Costpoint value. If you exclude an element value on an update, the existing value in the target database will remain unchanged. However, if this value does not exist, the default value for that element will be used.
3. If you have set up element level value mapping on the Manage Element Value Mappings screen, the application will use those values when inserting or updating data for those columns that allow element level mapping. However, if you have excluded an element value on INSERTS and/or UPDATES for a column that supports both element-level exclusion and element-level value mapping, element level value mapping will not be performed. Element level value mapping is supported for Client Type (LU_CLNT_TYPE) and Project Type (LU_PROJ_TYPE).
4. If there is a problem retrieving data, the interface status on the Manage Interface Configuration and Scheduler screen for this instance will be set to **F** (Failure). The log file for the interface (found in the LOGS directory on the integration server) will provide additional details.
5. After all of the data has been retrieved in the initial steps of the Preparation (PREP) system map for an object, the integration program will transform the data in accordance with the business logic defined in the Object Transformation (OTM) system map. After the transformation process is complete, the records will be evaluated by the Validation (EVM) map in accordance with the validation flags set during the OTM step. Finally, the valid records will be inserted or updated into the GovWin Capture Management database in the Final Transformation (FTM) step. Otherwise, depending on the severity of the problem, the record will be logged into an Integration Report. Records that have a warning status will still be processed by the FTM step while records with an error status are rejected.

6. If the interface process completes successfully, the program will update the Last Export Date/Time with the date and time that this process was executed.

Employee Degree Integration Details

The integration program generates records in the GovWin Capture Management database's CFGEMDegree table.

GovWin Capture Management Table: CFGEMDegree

Costpoint Table: DEGREE

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default value	Source Input/Notes
Description	DEG_DESC	Varchar (50) NOT NULL		Can be excluded on update, but not on insert.
Code	DEG_ID	Varchar (10) NOT NULL		Convert to upper case.

Employee Skills Integration Details

The integration program generates records in the GovWin Capture Management database's CFGEMSkill table.

GovWin Capture Management table: CFGEMSkill

Costpoint table: SKILL

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
Code	SKILL_ID	Varchar (10) NOT NULL		
Seq	NO_MATCHING_VALUE	Smallint (2) NOT NULL		Set to zero on insert; retain GovWin Capture Management value on update.
Description	SKILL_DESC	Varchar (70) NOT NULL		Can be excluded on update, but not on insert.

Client Type Integration Details

The integration program generates records in the GovWin Capture Management database's CFGClientType table.

GovWin Capture Management table: CFGClientType

Costpoint table: CUST_TYPE

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
Code	CUST_TYPE_DC	Varchar (10) NOT NULL		Element Level mapping is supported by this column If Element Level Value Mapping is active and CUST_TYPE_DC was NOT found, an error is recorded and the row is skipped.
Description	CUST_TYPE_DC	Varchar (50)		Can be excluded on update, but not on insert.

Project Type Integration Details

The integration program generates records in the GovWin Capture Management database's CFGProjectType table.

GovWin Capture Management Table: CFGProjectType

Costpoint Table: PROJ_TYPE

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
Code	PROJ_TYPE_DC	Varchar (10) NOT NULL		Element Level mapping is supported by this column If Element Level Value Mapping is active and PROJ_TYPE_DC was NOT found, an error is recorded and the row is skipped
Description	PROJ_TYPE_DC	Varchar (50) NOT NULL		Can be excluded on update, but not on insert.

Organization Data

This section describes the integration process that transforms organization or reorganization data from Deltek Costpoint into GovWin Capture Management. It is made up of two objects: Org Config and Org Basic. The first stage of the transformation is the Org Config step, in which the application creates a row for each unique org segment ID at each level. An organization at level 3 may have multiple **001** values defined across organizations (for example, 1.01.001, 1.02.001, 1.03.001) in Costpoint. However, in GovWin Capture Management, the program creates a single "level3" code number for all **001** values. If you select the **Use Reorganization** check box, the organization data will come from the Reorg_Struc defined in Costpoint reorganization.

After the application creates Org Codes in the Org Config stage, all of the Organization/ Reorganization data from Costpoint is transformed again in the Org Basic stage, in which only lower-level orgs are brought into the target database. Rows inserted into the Organization table must be at the full depth as defined in the CFGFormat table. If the source data comes from the Costpoint ORG table, this integration process will extend the Costpoint organization to mirror this depth by checking the length for each level and filling each missing level with a default. Each level default is a string of zeros. If the default does not exist in the CFGOrgCodes table for the specified level, the application will create new rows with the label **DEFAULT**. If the source data comes from Costpoint Reorganization structure (REORG_STRUC and REORG_ORG_LINK tables), you must set up the reorganization format to mirror the GovWin Capture Management Organization structure, and data at the lowest levels will be brought into the Organization table with no further format changes.

For example, assume GovWin Capture Management has five levels:

Level	Length
1	1
2	2
3	2
3	3
5	4

If the Costpoint organization data transfers over at level 3, the following default levels will have been defined in CFGOrgCodes:

- LVL 2 - 00 - DEFAULT
- LVL 3 - 00 - DEFAULT
- LVL 4 - 000 - DEFAULT
- LVL 5 - 0000 - DEFAULT

The final result in the Organization table is: Costpoint Organization 1 will become 1.00.00.000.0000; Costpoint organization 1.01 will become 1.01.00.000.0000; and Costpoint organization 1.01.01 will become 1.01.01.000.0000.

If you use the Costpoint Reorganization and if you do not select the **Exclude Top Level** check box, 1.0.100.100.100 in REORG_STRUC will become 1.0.100.100.100 in GovWin Capture Management. If you use the Costpoint Reorganization and select the **Exclude Top Level** check box, A.1.0.100.100.100 will become 1.0.100.100.100 in GovWin Capture Management.



The following documentation includes the integration details for each object: Org Config and Org Basic.

In each of the Integration Details sections, the GovWin Capture Management Table and Column represent the Target data, and the Costpoint Table and Column represent the Source data. Please see Manage Interface Configuration and Scheduler screen and the Configure Organization Options screen documentation for additional information regarding setup and usage of the Integration package for all objects.

Org Config Integration Details (Without Reorg)

If you did not select the **Use Reorganization** check box, this integration program will generate records in the CFGOrgCodes table as described below. The ORG_CONFIG object will also generate default org codes for each level based on the length of each level defined in the CFGFormat table in the database.

GovWin Capture Management table: CFGOrgCodes

Costpoint table: ORG

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
OrgLevel	LVL_NO	Smallint (2) NOT NULL		If the level number is greater than CFGFORMAT.ORGLEVELS, return an error. If the level number is less than CFGFORMAT.ORGLEVELS, the org code will be padded with default level code. For example, if the incoming Costpoint org code is 1.2 and CFGFORMAT.ORGLEVELS is 3 , the application will insert 1:2:000 .
Code	ORG_ID	Varchar (14) NOT NULL	Depending on the length of each level, the application creates a default org code for that level with zeros.	If the length of the organization ID segment does not equal the length supported at its level, return an error. Examples: Length (L1_ORG_SEG_ID) is greater than CFGFormat.Org1Length, or length (L1_ORG_SEG_ID) is less than CFGFormat.Org1Length. Create only one row for each unique ORG SEGMENT ID at each level (for example, Level 3 can have multiple 001s defined across organizations - 1.01.001, 1.02.001, 1.03.001).
Label	ORG_NAME	Varchar (20)		If space, set to null on insert. Otherwise, use the first 20

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
				<p>positions. If length is greater than 20 positions, truncate.</p> <p>Create only one row for each unique ORG NAME at each level. Use the first name processed (for example, Level 3 can have multiple 001s defined across organizations - 1.01.001, 1.02.001, 1.03.001).</p> <p>Can be excluded on update, but not on insert.</p> <p>If ORG.ACTIVE_FL = Y, set to ORG NAME.</p> <p>If ORG.ACTIVE_FL = N, then concatenate (I) SPACE.</p> <p>ORG.ORG_NAME.</p> <p>If there are more than two levels with the same segment identifier and some are active and some are inactive, do not concatenate the (I).</p>
CPOrg	ORG_ID	Varchar (20)	NULL	When running ORG CONFIG without reorg, the value will be NULL

Org Basic Integration Details (Without Reorg)

If you do not select the **Use Reorganization** check box, this integration program generates records in the Organization table based on the ORG records in the Costpoint database. This object must be processed after the ORG_CONFIG object because it uses CFGOrgCodes and CFGFormat to process the incoming ORG code.

GovWin Capture Management table: ORGANIZATION

Costpoint table: ORG

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
Org	ORG_ID	Varchar (14) NOT NULL		Look up value in CFGOrgCodes.Code by level CFGOrgCodes.OrgLevel (level 1 uses ORG.L1_ORG_SEG_ID, level 2 ORG.L2_ORG_SEG_ID, and so on). If length of ORG_ID is greater than 14 characters, return

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
				size ERROR. For each level, build the ORG_ID by concatenating each segment where the ORG.LVL_NO is less than or equal to the X_OBJ_SUPP.ORG_LVL (L1_ORG_SEG_ID.L2_ORG_SEG_ID). Use CFGFormat.OrgDelimiter as delimiter.
Name	ORG_NAME	Varchar (100) NOT NULL		If REORG_FL = N and CFGSYSTEM.DisplayCostPointOrg = Y and ORG.ACTIVE_FL = Y , then ORG.ORG_NAME. If REORG_FL = N and CFGSYSTEM.DisplayCostPointOrg = Y and ORG.ACTIVE_FL = N , then concatenate (l) SPACE ORG.ORG_NAME. If REORG_FL = N and CFGSYSTEM.DisplayCostPointOrg = N and ORG.ACTIVE_FL = Y , then ORG.ORG_NAME. If REORG_FL = N and CFGSYSTEM.DisplayCostPointOrg = N and ORG.ACTIVE_FL = N , then Concatenate (l) SPACE ORG.ORG_NAME.
LabDistWBS1	NO_MATCHING_VALUE	Varchar (30)		Leave as null when inserting; retain GovWin Capture Management value when updating. This applies to all NO_MATCHING_VALUE columns, unless indicated otherwise.
LabDistWBS2	NO_MATCHING_VALUE	Varchar (7)		
LabDistWBS3	NO_MATCHING_VALUE	Varchar (7)		
MiscWBS1	NO_MATCHING_VALUE	Varchar (30)		
MiscWBS2	NO_MATCHING_VALUE	Varchar (7)		
MiscWBS3	NO_MATCHING_VALUE	Varchar (7)		
UnitsBSWBS1	NO_MATCHING_VALUE	Varchar (30)		

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
UnitsBSWBS2	NO_MATCHING_VALUE	Varchar (7)		
UnitsBSWBS3	NO_MATCHING_VALUE	Varchar (7)		
UnitsIndWBS1	NO_MATCHING_VALUE	Varchar (30)		
UnitsIndWBS2	NO_MATCHING_VALUE	Varchar (7)		
UnitsIndWBS3	NO_MATCHING_VALUE	Varchar (7)		
UnitsOtherWBS1	NO_MATCHING_VALUE	Varchar (30)		
UnitsOtherWBS2	NO_MATCHING_VALUE	Varchar (7)		
UnitsOtherWBS3	NO_MATCHING_VALUE	Varchar (7)		
DistributeOH	NO_MATCHING_VALUE	Varchar (1) NOT NULL	N	Set to default value that database provides.
DistributeTarget	NO_MATCHING_VALUE	Varchar (14)		
DistributePass	NO_MATCHING_VALUE	Smallint (2) NOT NULL	0	Set to default value that database provides.
OHAllocMethod	NO_MATCHING_VALUE	Varchar (1)		
OHBasis	NO_MATCHING_VALUE	Varchar (2)		
OHRate	NO_MATCHING_VALUE	Decimal (19,4) NOT NULL	0	
OHProvisional Rate	NO_MATCHING_VALUE	Decimal (19,4) NOT NULL	0	
OHVariance WBS1	NO_MATCHING_VALUE	Varchar (30)		
OHVariance WBS2	NO_MATCHING_VALUE	Varchar (7)		
OHVariance WBS3	NO_MATCHING_VALUE	Varchar (7)		
PayrollWBS1	NO_MATCHING_VALUE	Varchar (30)		
PayrollWBS2	NO_MATCHING_VALUE	Varchar (7)		
PayrollWBS3	NO_MATCHING_VALUE	Varchar (7)		
FICAWBS1	NO_MATCHING_VALUE	Varchar (30)		
FICAWBS2	NO_MATCHING_VALUE	Varchar (7)		
FICAWBS3	NO_MATCHING_VALUE	Varchar (7)		

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
PlugAmtRev	NO_MATCHING_VALUE	Decimal (19,4) NOT NULL	0	
PlugAmtDirLab	NO_MATCHING_VALUE	Decimal (19,4) NOT NULL	0	
PlugAmtDirExp	NO_MATCHING_VALUE	Decimal (19,4) NOT NULL	0	
PlugAmtIndLab	NO_MATCHING_VALUE	Decimal (19,4) NOT NULL	0	
PlugAmtIndExp	NO_MATCHING_VALUE	Decimal (19,4) NOT NULL	0	
PrintsWBS1	NO_MATCHING_VALUE	Varchar (30)		
PrintsWBS2	NO_MATCHING_VALUE	Varchar (7)		
PrintsWBS3	NO_MATCHING_VALUE	Varchar (7)		
EmplExpWBS1	NO_MATCHING_VALUE	Varchar (30)		
EmplExpWBS2	NO_MATCHING_VALUE	Varchar (7)		
EmplExpWBS3	NO_MATCHING_VALUE	Varchar (7)		
EmplAdvWBS1	NO_MATCHING_VALUE	Varchar (30)		
EmplAdvWBS2	NO_MATCHING_VALUE	Varchar (7)		
EmplAdvWBS3	NO_MATCHING_VALUE	Varchar (7)		
EmplDefault Bank	NO_MATCHING_VALUE	Varchar (10)		
ADPCompany Code	NO_MATCHING_VALUE	Varchar (3)		
Xcharge Disabled	NO_MATCHING_VALUE	Varchar (1) NOT NULL	N	
XchargeReg Mult	NO_MATCHING_VALUE	Decimal (19,4)	0	
XChargeOHMult	NO_MATCHING_VALUE	Decimal (19,4) NOT NULL	0	
XchargeReg DebitWBS1	NO_MATCHING_VALUE	Varchar (30)		

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
XchargeReg DebitWBS2	NO_MATCHING_VALUE	Varchar (7)		
XchargeReg DebitWBS3	NO_MATCHING_VALUE	Varchar (7)		
XChargeReg CreditWBS1	NO_MATCHING_VALUE	Varchar (30)		
XChargeReg CreditWBS2	NO_MATCHING_VALUE	Varchar (7)		
XChargeReg CreditWBS3	NO_MATCHING_VALUE	Varchar (7)		
XchargeOH DebitWBS1	NO_MATCHING_VALUE	Varchar (30)		
XchargeOH DebitWBS2	NO_MATCHING_VALUE	Varchar (7)		
XchargeOH DebitWBS3	NO_MATCHING_VALUE	Varchar (7)		
XChargeOH CreditWBS1	NO_MATCHING_VALUE	Varchar (30)		
XChargeOH CreditWBS2	NO_MATCHING_VALUE	Varchar (7)		
XChargeOH CreditWBS3	NO_MATCHING_VALUE	Varchar (7)		
XchargeReg FromWBS1	NO_MATCHING_VALUE	Varchar (30)		
XchargeReg FromWBS2	NO_MATCHING_VALUE	Varchar (7)		
XchargeReg FromWBS3	NO_MATCHING_VALUE	Varchar (7)		
XChargeRegTo WBS1	NO_MATCHING_VALUE	Varchar (30)		
XChargeRegTo WBS2	NO_MATCHING_VALUE	Varchar (7)		
XChargeRegTo WBS3	NO_MATCHING_VALUE	Varchar (7)		
XchargeOH FromWBS1	NO_MATCHING_VALUE	Varchar (30)		
XchargeOH FromWBS2	NO_MATCHING_VALUE	Varchar (7)		

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
XchargeOH FromWBS3	NO_MATCHING_VALUE	Varchar (7)		
XChargeOHTo WBS1	NO_MATCHING_VALUE	Varchar (30)		
XChargeOHTo WBS2	NO_MATCHING_VALUE	Varchar (7)		
XChargeOHTo WBS3	NO_MATCHING_VALUE	Varchar (7)		
ConsAccrWBS1	NO_MATCHING_VALUE	Varchar (30)		
ConsAccrWBS2	NO_MATCHING_VALUE	Varchar (7)		
ConsAccrWBS3	NO_MATCHING_VALUE	Varchar (7)		
CreateUser		Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.
CreateDate		Date/time (8)	Integration processing date	
ModUser		Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.
ModDate		Date/time (8)	Integration processing date	
CPOrgID	ORG_ID	Varchar (20)		When running ORG BASIC without reorg, the value will be NULL

Org Basic Integration Details (With Reorg)

If you select the **Use Reorganization** check box, this integration program will generate records in the Organization table based on the REORG_STRUC and REORG_ORG_LINK records in the Costpoint database. This object can be processed without the ORG_CONFIG object if you choose to use reorganization.

GovWin Capture Management table: ORGANIZATION

Costpoint table: REORG_ORG_LINK

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
Org	REORG_ID	Varchar (14) NOT NULL		If the Exclude Top Level check box is not selected, look up value in CFGOrgCodes.Code by level CFGOrgCodes.OrgLevel (level 1 uses REORG.L1_ORG_SEG_ID, level 2 REORG.L2_ORG_SEG_ID, and so on). If the Exclude Top Level check box is selected, level 1 will use REORG.L2_ORG_SEG_ID, level 2 REORG.L3_ORG_SEG_ID, and so on). If length of REORG_ID is greater than 14 characters, return size ERROR. Use CFGFormat.OrgDelimiter as delimiter. Also includes info from REORG_ORG_LINK.
Name	REORG_NAME	Varchar (100) NOT NULL		If REORG_FL= Y and CFGSYSTEM.DisplayCostPointOrg= N and ORG.ACTIVE_FL= Y, then Concatenate REORG_STRUC.REORG_NAME:SPACE:";":SPACE. If REORG_FL = Y and CFGSYSTEM.DisplayCostPointOrg = N and ORG.ACTIVE_FL = N, then Concatenate (I) SPACE before result. If REORG_FL = Y and CFGSYSTEM.DisplayCostPointOrg = Y and ORG.ACTIVE_FL = Y, then REORG_STRUC.REORG_NAME. If REORG_FL = Y and CFGSYSTEM.DisplayCostPointOrg = Y and ORG.ACTIVE_FL = N, then Concatenate (I) SPACE

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
				REORG_STRUC.REORG_NAME.
LabDistWBS1	NO_MATCHING_VALUE	Varchar (30)		Leave as null when inserting; retain GovWin Capture Management value when updating. This applies to all NO_MATCHING_VALUE columns, unless indicated otherwise.
LabDistWBS2	NO_MATCHING_VALUE	Varchar (7)		
LabDistWBS3	NO_MATCHING_VALUE	Varchar (7)		
MiscWBS1	NO_MATCHING_VALUE	Varchar (30)		
MiscWBS2	NO_MATCHING_VALUE	Varchar (7)		
MiscWBS3	NO_MATCHING_VALUE	Varchar (7)		
UnitsBSWBS1	NO_MATCHING_VALUE	Varchar (30)		
UnitsBSWBS2	NO_MATCHING_VALUE	Varchar (7)		
UnitsBSWBS3	NO_MATCHING_VALUE	Varchar (7)		
UnitsIndWBS1	NO_MATCHING_VALUE	Varchar (30)		
UnitsIndWBS2	NO_MATCHING_VALUE	Varchar (7)		
UnitsIndWBS3	NO_MATCHING_VALUE	Varchar (7)		
UnitsOtherWBS1	NO_MATCHING_VALUE	Varchar (30)		
UnitsOtherWBS2	NO_MATCHING_VALUE	Varchar (7)		
UnitsOtherWBS3	NO_MATCHING_VALUE	Varchar (7)		
DistributeOH	NO_MATCHING_VALUE	Varchar (1) NOT NULL	N	Set to default value that database will provide.
DistributeTarget	NO_MATCHING_VALUE	Varchar (14)		

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
DistributePass	NO_MATCHING_VALUE	Smallint (2) NOT NULL	0	Set to default value that database will provide.
OHAllocMethod	NO_MATCHING_VALUE	Varchar (1)		
OHBasis	NO_MATCHING_VALUE	Varchar (2)		
OHRate	NO_MATCHING_VALUE	Decimal (19,4) NOT NULL	0	
OHProvisional Rate	NO_MATCHING_VALUE	Decimal (19,4) NOT NULL	0	
OHVariance WBS1	NO_MATCHING_VALUE	Varchar (30)		
OHVariance WBS2	NO_MATCHING_VALUE	Varchar (7)		
OHVariance WBS3	NO_MATCHING_VALUE	Varchar (7)		
PayrollWBS1	NO_MATCHING_VALUE	Varchar (30)		
PayrollWBS2	NO_MATCHING_VALUE	Varchar (7)		
PayrollWBS3	NO_MATCHING_VALUE	Varchar (7)		
FICAWBS1	NO_MATCHING_VALUE	Varchar (30)		
FICAWBS2	NO_MATCHING_VALUE	Varchar (7)		
FICAWBS3	NO_MATCHING_VALUE	Varchar (7)		
PlugAmtRev	NO_MATCHING_VALUE	Decimal (19,4) NOT NULL	0	
PlugAmtDirLab	NO_MATCHING_VALUE	Decimal (19,4) NOT NULL	0	
PlugAmtDirExp	NO_MATCHING_VALUE	Decimal (19,4) NOT NULL	0	
PlugAmtIndLab	NO_MATCHING_VALUE	Decimal (19,4) NOT NULL	0	
PlugAmtIndExp	NO_MATCHING_VALUE	Decimal (19,4) NOT NULL	0	

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
PrintsWBS1	NO_MATCHING_VALUE	Varchar (30)		
PrintsWBS2	NO_MATCHING_VALUE	Varchar (7)		
PrintsWBS3	NO_MATCHING_VALUE	Varchar (7)		
EmplExpWBS1	NO_MATCHING_VALUE	Varchar (30)		
EmplExpWBS2	NO_MATCHING_VALUE	Varchar (7)		
EmplExpWBS3	NO_MATCHING_VALUE	Varchar (7)		
EmplAdvWBS1	NO_MATCHING_VALUE	Varchar (30)		
EmplAdvWBS2	NO_MATCHING_VALUE	Varchar (7)		
EmplAdvWBS3	NO_MATCHING_VALUE	Varchar (7)		
EmplDefault Bank	NO_MATCHING_VALUE	Varchar (10)		
ADPCompany Code	NO_MATCHING_VALUE	Varchar (3)		
Xcharge Disabled	NO_MATCHING_VALUE	Varchar (1) NOT NULL	N	
XchargeReg Mult	NO_MATCHING_VALUE	Decimal (19,4)	0	
XChargeOHMult	NO_MATCHING_VALUE	Decimal (19,4) NOT NULL	0	
XchargeReg DebitWBS1	NO_MATCHING_VALUE	Varchar (30)		
XchargeReg DebitWBS2	NO_MATCHING_VALUE	Varchar (7)		
XchargeReg DebitWBS3	NO_MATCHING_VALUE	Varchar (7)		
XchargeReg CreditWBS1	NO_MATCHING_VALUE	Varchar (30)		
XchargeReg CreditWBS2	NO_MATCHING_VALUE	Varchar (7)		

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
XchargeReg CreditWBS3	NO_MATCHING_VALUE	Varchar (7)		
XchargeOH DebitWBS1	NO_MATCHING_VALUE	Varchar (30)		
XchargeOH DebitWBS2	NO_MATCHING_VALUE	Varchar (7)		
XchargeOH DebitWBS3	NO_MATCHING_VALUE	Varchar (7)		
XchargeOH CreditWBS1	NO_MATCHING_VALUE	Varchar (30)		
XchargeOH CreditWBS2	NO_MATCHING_VALUE	Varchar (7)		
XchargeOH CreditWBS3	NO_MATCHING_VALUE	Varchar (7)		
XchargeReg FromWBS1	NO_MATCHING_VALUE	Varchar (30)		
XchargeReg FromWBS2	NO_MATCHING_VALUE	Varchar (7)		
XchargeReg FromWBS3	NO_MATCHING_VALUE	Varchar (7)		
XchargeRegTo WBS1	NO_MATCHING_VALUE	Varchar (30)		
XChargeRegTo WBS2	NO_MATCHING_VALUE	Varchar (7)		
XChargeRegTo WBS3	NO_MATCHING_VALUE	Varchar (7)		
XchargeOH FromWBS1	NO_MATCHING_VALUE	Varchar (30)		
XchargeOH FromWBS2	NO_MATCHING_VALUE	Varchar (7)		
XchargeOH FromWBS3	NO_MATCHING_VALUE	Varchar (7)		
XChargeOHTo WBS1	NO_MATCHING_VALUE	Varchar (30)		
XChargeOHTo WBS2	NO_MATCHING_VALUE	Varchar (7)		

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source for Upload/Notes
XChargeOHToWBS3	NO_MATCHING_VALUE	Varchar (7)		
ConsAccrWBS1	NO_MATCHING_VALUE	Varchar (30)		
ConsAccrWBS2	NO_MATCHING_VALUE	Varchar (7)		
ConsAccrWBS3	NO_MATCHING_VALUE	Varchar (7)		
CreateUser		Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.
CreateDate		Date/time (8)	Integration processing date	
ModUser		Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.
ModDate		Date/time (8)	Integration processing date	
CPOrgID	ORG_ID	Varchar (20)		When running ORG BASIC with reorg and with the GovWin Capture Management Display Costpoint Team Code option selected, the value will be the original Costpoint ORG ID.

Project Data

This section describes the integration process that transfers project data from Costpoint to GovWin Capture Management (and also Contract Information data for GovWin Capture Management (SaaS)). The Project data is made up of five objects:

- Project Basic (PROJ_BASIC)
- Project Employee Association (PROJ_EMPL)
- Project Manager Association (PROJ_MGR)
- Project Client Association (PROJ_CLNT)
- Project Vendor Association (PROJ_VEND)

The Contract Information is defined in custom tabs in the GovWin Capture Management database. It consists of three business objects: Contract Information (PROJ_CUSTOM), Contract Modifications (PROJ_MODS), and Contract PSR Information (PROJ_PSR_INFO) that are selected by selecting the associated check boxes on the Configure Project Options screen and then linking the parameter to those objects in an active interface instance. Contract Information creates or updates records in the ProjectCustomTabFields table; Contract Modifications creates or updates detail records in the Projects_Modifications custom table and summary records in the ProjectCustomTabFields table, and Contract PSR Information creates or updates records in the ProjectCustomTabFields table.



This section includes the processing prerequisites, followed by each group's integration process: Project Basic, Project Employee Association, Project Manager Association, Project Client Association, Project Vendor Association, Contract Information, Contract Modifications, Contract PSR Information, and Contract Government Information.

In each of the Integration Details sections, the GovWin Capture Management Table and Column represent the Target data, and the Costpoint Table and Column represent the Source data. Please see the Manage Interface Configuration and Scheduler screen and Configure Project Options screen documentation for additional information regarding setup and usage of the Integration package for all objects.

Prerequisites

Costpoint

Before you process Project Custom Information, the X_INTFC_ELEMENT_MAP table must have rows with valid Costpoint revenue formulas and matching formulas for GovWin Capture Management for this object. This X_INTFC_ELEMENT_MAP table will be populated with default values during the installation. If this table is empty or there are no values for this object, apply the appropriate patch (see installation instructions for details).

GovWin

Before running any one of these three objects, you must have created the project basic and account basic data. The custom tabs must also exist with the correct field names and table names. These tables are predefined with GovWin Capture Management (SaaS), but may also be created separately in GovWin Capture Management (On-Premise) if the information is desired. See your GovWin Capture Management consultant for assistance if you need to create the custom tabs.

Project Basic Integration Details

The integration program generates records for project data sequentially, which means project basic information must exist in the PR table before any of the association records can be uploaded/inserted in the target database. If you did not select the **Use Project Level Mapping** check box, the application will select projects from the Costpoint PROJ table if their level (LVL_NO) is less than or equal to the project level specified on the Configure Project Options screen, and it will create a row in the PR table for each. If you selected the **Use Project Level Mapping** check box, the application will build the project structure based on the level mapping definition



Please see [Project to WBS Mapping](#) for more details.

GovWin Capture Management table: PR, ProjectCustomTabFields, AuditTrail

Costpoint table: PROJ. X_PROJ_LVL_MAP

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
Project Custom Tab Fields	WBS1	X_PROJ_LVL_MAP	PROJ_ID	Varchar (30)		If you did not select the Use Project Level Mapping check box, the full Costpoint PROJ_ID is placed in the WBS1 field, truncated at the level requested.
Project Custom Tab Fields	WBS2	X_PROJ_LVL_MAP	NO_MATCHING_VALUE	Varchar (7)		Set to one space if you are not using mapping (you did not select the Use Project Level Mapping check box); otherwise, the value depends on the project level map.
Project Custom Tab Fields	WBS3	X_PROJ_LVL_MAP	NO_MATCHING_VALUE	Varchar (7)		Set to one space if you are not using mapping (you did not select the Use Project Level Mapping check box); otherwise, the value depends on the project level map.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
PR	Name	PROJ	PROJ_NAME	Varchar (40)		If space, set to null. Can be excluded on update, but not on insert.
PR	Charge Type	PROJ	NO_MAT CHING_V ALUES_P ROJ_RPT_DC	Varchar (1)		If BID and PROPOSAL, then P (Promotional). If DIRECT PROJECT, then R (Regular). All others are H (Overhead). Validate against CFGChargeType. TYPE. If space, set to null.
PR	SubLevel	X_PROJ_LVL_MAP	NO_MAT CHING_V ALUE	Varchar (1)		When creating rows in PR, the sublevel must be set correctly to reflect lower-level use in the WBS structure. If you did not select the Use Project Level Mapping check box, set to null. Set it to N for all WBS3 rows. If a WBS3 level exists for a WBS2 level, set the flag to Y for the WBS2 record; otherwise, set the flag to N for the WBS2 record. Likewise, if a WBS2 record exists for a given WBS1 record, set the flag on the WBS1 entry to Y .
PR	Principal	PROJ	NO_MAT CHING_V ALUE	Varchar (20)		Set to null.
PR	ProjMgr	PROJ	EMPL_ID	Varchar (20)		Look up value in EM.Employee.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						This can be excluded on both insert and update.
PR	Supervisor	PROJ	NO_MATCHING_VALUE	Varchar (20)		Set to null.
PR	ClientID	PROJ	CUST_ID	Varchar (32)		If CUST_ID is not Null, the value will be based upon the logical key - If the CUST_ID value is found in CL.CLIENT, the CL.CLIENTID will be used; otherwise, an error is reported. This can be excluded on both insert and update.
PR	CLAddress	PROJ	NO_MATCHING_VALUE	Varchar (20)		Set to null.
PR	Fee	PROJ	NO_MATCHING_VALUE	Decimal (19)	0	Set to default.
PR	ReimbAllow	PROJ	NO_MATCHING_VALUE	Decimal (19)	0	Set to default.
PR	ConsultFee	PROJ	NO_MATCHING_VALUE	Decimal (19)	0	Set to default.
PR	BudOHRate	PROJ	NO_MATCHING_VALUE	Decimal (19)	0	Set to default.
PR	Status	PROJ	ACTIVE_FL	Varchar (1)		If ACTIVE_FL is Y , set to A ; otherwise, set to I . Look up value in CFGProjectStatus. Code. Can be excluded on update, but not on insert.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
PR	RevType	PROJ	NO_MAT CHING_V ALUE	Varchar (10)		Set to null.
PR	MultAmt	PROJ	NO_MAT CHING_V ALUE	Decimal (19)	0	Set default.
PR	Org	PROJ	ORG_ID	Varchar (14)		If length of Org_ID is greater than 14, truncate. Cannot be null if Organization. ConsultantId is N . Look up value in Organization.Org; if space, set to null. This can be excluded on both insert and update.
PR	UnitTable	PROJ	NO_MAT CHING_V ALUE	Varchar (20)		Set to null.
PR	StartDate	PROJ	PROJ_ST ART_DT	Date/time (8)		This can be excluded on both insert and update.
PR	EndDate	PROJ	NO_MAT CHING_V ALUE	Date/time (8)		Set to null.
PR	PctComp	PROJ	NO_MAT CHING_V ALUE	Decimal (19)	0	Set to default.
PR	LabPct Comp	PROJ	NO_MAT CHING_V ALUE	Decimal (19)	0	Set to default.
PR	ExpPct Comp	PROJ	NO_MAT CHING_V ALUE	Decimal (19)	0	Set to default.
PR	BillBy Default	PROJ	NO_MAT CHING_V ALUE	Varchar (1)	N	Set to default.
PR	Billable Warning	PROJ	NO_MAT CHING_V ALUE	Varchar (1)	N	Set to default.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
PR	Memo	PROJ	NO_MAT CHING_V ALUE	Text (16)		Set to null.
PR	Budgeted Flag	PROJ	NO_MAT CHING_V ALUE	Varchar (1)	N	Set to null.
PR	Budgeted Levels	PROJ	NO_MAT CHING_V ALUE	Varchar (1)		Set to default.
PR	BillWBS1	PROJ	NO_MAT CHING_V ALUE	Varchar (30)		Set to null.
PR	BillWBS2	PROJ	NO_MAT CHING_V ALUE	Varchar (7)		Set to null.
PR	BillWBS3	PROJ	NO_MAT CHING_V ALUE	Varchar (7)		Set to null.
PR	XCharge	PROJ	NO_MAT CHING_V ALUE	Varchar (1)	G	Set to default.
PR	Xcharge Method	PROJ	NO_MAT CHING_V ALUE	Smallint (2)	0	Set to default.
PR	Xcharge Mult	PROJ	NO_MAT CHING_V ALUE	Decimal (19)	0	Set to default.
PR	Description	PROJ	NO_MAT CHING_V ALUE	Varchar (255)		Set to null.
PR	Closed	PROJ	NO_MAT CHING_V ALUE	Int (4)	0	Set to default.
PR	ReadOnly	PROJ	NO_MAT CHING_V ALUE	Int (4)	0	Set to default.
PR	Default EffortDriven	PROJ	NO_MAT CHING_V ALUE	Int (4)	0	Set to default.
PR	DefaultTask Type	PROJ	NO_MAT CHING_V ALUE	Int (4)	0	Set to default.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
PR	VersionID	PROJ	NO_MATCHING_VALUE	Int (4)	0	Set to default.
PR	ContactID	PROJ	NO_MATCHING_VALUE	Varchar (32)		Set to null.
PR	CLBilling Addr	PROJ	NO_MATCHING_VALUE	Varchar (20)		Set to null.
PR	LongName	PROJ	PROJ_NAME	Varchar (255)		If space, set to null. This can be excluded on both insert and update.
PR	Address1	PROJ	PROJ_LN_1_ADR	Varchar (50)		Can be excluded on both insert and update
PR	Address2	PROJ	PROJ_LN_2_ADR	Varchar (50)		This can be excluded on both insert and update.
PR	Address3	PROJ	PROJ_LN_3_ADR	Varchar (50)		This can be excluded on both insert and update.
PR	City	PROJ	CITY_NAME	Varchar (30)		This can be excluded on both insert and update.
PR	State	PROJ	MAIL_STATE_DC	Varchar (10)		If length is greater than 10 positions, transform only the first 10 positions. This can be excluded on both insert and update.
PR	Zip	PROJ	POSTAL_CD	Varchar (10)		This can be excluded on both insert and update.
PR	County	PROJ	PROJ_COUNTY_CD	Varchar (50)		This can be excluded on both insert and update.
PR	Country	PROJ	COUNTRY_CD	Varchar (40)		Use COUNTRY_NAME from COUNTRY table

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						in place of COUNTRY_CD. This can be excluded on both insert and update.
PR	FederalInd	PROJ	NO_MATCHING_VALUE	Varchar (1)	N	Set default.
PR	ProjectType	PROJ	PROJ_TYPE_DC	Varchar (10)		If length is greater than 10 positions, transform only the first 10 positions. If space, set to null. Validate value in CFGProjectType.Code. This can be excluded on both insert and update. Element Level mapping is supported by this column If Element Level Value Mapping is active and PROJ_TYPE_DC was NOT found, an error is recorded and the row is skipped
PR	Responsibility	PROJ	NO_MATCHING_VALUE	Varchar (10)		Set to null.
PR	Referable	PROJ	NO_MATCHING_VALUE	Varchar (1)	N	Set to Y.
PR	Est Completion Date	PROJ	NO_MATCHING_VALUE	Date/time (8)		Set to null.
PR	Act Completion Date	PROJ	PROJ_END_DT	Date/time (8)		This can be excluded on both insert and update.
PR	Contract Date	PROJ	PROJ_START_DT	Date/time (8)		This can be excluded on both insert and update.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
PR	BidDate	PROJ	NO_MAT CHING_V ALUE	Date/time (8)		Set to null.
PR	ComplDateC omment	PROJ	NO_MAT CHING_V ALUE	Varchar (20)		Set to null.
PR	FirmCost	PROJ	NO_MAT CHING_V ALUE	Decimal (19)	0	Set to default.
PR	FirmCost Comment	PROJ	NO_MAT CHING_V ALUE	Varchar (20)		Set to null.
PR	TotalProject Cost	PROJ	PROJ_V TOT_AMT	Decimal (19)	0	Set default.
PR	TotalCost Comment	PROJ	NO_MAT CHING_V ALUE	Varchar (20)		Set to null.
PR	Opportunity ID	PROJ	NO_MAT CHING_V ALUE	Varchar (32)		Set to null.
PR	Client Confidential	PROJ	NO_MAT CHING_V ALUE	Varchar (1)	N	Set to default.
PR	ClientAlias	PROJ	NO_MAT CHING_V ALUE	Varchar (100)		Set to null.
PR	Available ForRPCRM	PROJ	NO_MAT CHING_V ALUE	Varchar (1)	N	If you did not select the Use Project Level Mapping checkbox, always set to Y . Otherwise, set to Y if the level being mapped is less than or equal to the value provided for the CRM Project Level on the Configure Project Options screen (Others » Product Interfaces » CRM/GovWin Integration).

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
PR	ReadyFor Approval	PROJ	NO_MAT CHING_V ALUE	Varchar (1)	N	Set to default.
PR	ReadyFor Processing	PROJ	NO_MAT CHING_V ALUE	Varchar (1)	N	Set to default.
PR	BillingClient ID	PROJ	NO_MAT CHING_V ALUE	Varchar (32)		Set to default.
PR	Billing ContactID	PROJ	NO_MAT CHING_V ALUE	Varchar (32)		Set to null.
PR	Phone	PROJ	NO_MAT CHING_V ALUE	Varchar (24)		Set to null.
	Fax	PROJ	NO_MAT CHING_V ALUE	Varchar (24)		Set to null.
PR	EMail	PROJ	NO_MAT CHING_V ALUE	Varchar (50)		Set to null.
PR	Proposal WBS1	PROJ	NO_MAT CHING_V ALUE	Varchar (30)		Set to null.
PR	CreateUser			Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.
PR	CreateDate			Date/time (8)	Integration processing date	
PR	ModUser			Varchar (20)	DeltekConnector	Revision_History_User setting in

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						<p>the CP2CRM properties file.</p> <p>If the Revision_History_User property is empty then "DeltekConnector" will be used.</p> <p>Only the first 20 characters of the Revision_History_User value will be used.</p>
PR	ModDate			Date/time (8)	Integration processing date	
PR	Budget Level	PROJ	NO_MAT CHING_V ALUE	Varchar (1)		Set to null.
PR	Budget Source	PROJ	NO_MAT CHING_V ALUE	Varchar (1)		Set to null.
PR	CostRate Meth	PROJ	NO_MAT CHING_V ALUE	Smallint (2)		Set to 0.
PR	CostRate TableNo	PROJ	NO_MAT CHING_V ALUE	Smallint (2)	0	Set to default.
PR	LineItem Approval	PROJ	NO_MAT CHING_V ALUE	Varchar (1)	S	Set to default.
PR	LineItem ApprovalEK	PROJ	NO_MAT CHING_V ALUE	Varchar (1)	S	Set to default.
PR	Locale	PROJ	NO_MAT CHING_V ALUE	Varchar (2)		Set to null.
PR	PayRate Meth	PROJ	NO_MAT CHING_V ALUE	Smallint (2)		Set to 0.
PR	PayRate TableNo	PROJ	NO_MAT CHING_V ALUE	Smallint (2)	0	Set to default.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
PR	ProfServices ComplDate	PROJ	NO_MAT CHING_V ALUE	Date/time (8)		Set to null
PR	ConstCompl Date	PROJ	NO_MAT CHING_V ALUE	Date/time (8)		Set to null.
PR	Project Currency Code	PROJ	NO_MAT CHING_V ALUE	Varchar (3)		<p>If CFGSYSTEM. MulticurrencyEnabled = Y, then to FUNC_S_CRNCY_CD where PROJ.COMPANY_ID = GL_CONFIG.COMPANY_ID (where WBS2 and WBS3 = ' ')</p> <p>If CFGSYSTEM. MulticurrencyEnabled = Y, look up value in CFGCurrency.Code; If not found, Foreign key error is recorded</p> <p>If CFGSYSTEM. MulticurrencyEnabled = N, set to a single SPACE where WBS2 and WBS3 = a single SPACE; otherwise, set to null.</p>
PR	Billing Currency Code	PROJ	NO_MAT CHING_V ALUE	Varchar (3)		<p>If CFGSYSTEM. MulticurrencyEnabled = Y, then to FUNC_S_CRNCY_CD where PROJ.COMPANY_ID = GL_CONFIG.COMPANY_ID (where WBS2 and WBS3 = ' ')</p> <p>If CFGSYSTEM. MulticurrencyEnabled = Y, look up value in CFGCurrency.Code; If not found,</p>

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						Foreign key error is recorded. If CFGSYSTEM.MulticurrencyEnabled = N , set to a single SPACE where WBS2 and WBS3 = a single SPACE, otherwise set to null.
PR	Restrict Charge Companies	PROJ	NO_MAT CHING_V ALUE	Varchar (1)	N	Set to default value
PR	RevUpset Limits	PROJ	NO_MAT CHING_V ALUE	Varchar (1)	N	Set to default value
PR	RevUpset WBS2	PROJ	NO_MAT CHING_V ALUE	Varchar (7)		Set to null.
PR	RevUpset WBS3	PROJ	NO_MAT CHING_V ALUE	Varchar (7)		Set to null.
PR	RevUpset Include Comp	PROJ	NO_MAT CHING_V ALUE	Varchar (1)	N	Set to default value
PR	RevUpset Include Cons	PROJ	NO_MAT CHING_V ALUE	Varhcar (1)	N	Set to default value
	RevUpset Include Reimb	PROJ	NO_MAT CHING_V ALUE	Varchar (1)	N	Set to default value
PR	Project Exchange Rate	PROJ	NO_MAT CHING_V ALUE	Decimal (19)	0	Set to default value
PR	Billing Exchange Rate	PROJ	NO_MAT CHING_V ALUE	Decimal (19)	0	Set to default value
PR	FeeBilling Currency	PROJ	NO_MAT CHING_V ALUE	Decimal (19)	0	Set to default value
	ReimbAllow Billing Currency	PROJ	NO_MAT CHING_V ALUE	Decimal (19)	0	Set to default value

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
PR	ConsultFeeBilling Currency	PROJ	NO_MATCHING_VALUE	Decimal (19)	0	Set to default value
PR	PORMB Rate	PROJ	NO_MATCHING_VALUE	Decimal (19)	0	Set to default value
PR	POCNS Rate	PROJ	NO_MATCHING_VALUE	Decimal (19)	0	Set to default value
PR	PlanID	PROJ	NO_MATCHING_VALUE	Varchar (32)		Set to null
PR	TKCheckRP Date	PROJ	NO_MATCHING_VALUE	Varchar (1)	N	Set to default value
AuditTrail	AuditID	PROJ	NO_MATCHING_VALUE	Unique Identifier (16)		If Audit has been enabled, an audit trail record is created when a record is added or updated.
AuditTrail	ModUser					When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User parameter in the CP2GovWinCRM properties file. If no value is provided then "DeltekConnector" will be used.
AuditTrail	ModDate					When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.

Project Employee Association Integration Details

This integration process creates project/employee association records based on employee labor charges in Costpoint (the LAB_HS table). The **Project Level** specified on the Configure Project Options screen controls the maximum level at which the associations are created, and rows will also be manufactured for all higher levels of the project (see example in Note).

GovWin Capture Management table: EMProjectAssoc, AuditTrail

Costpoint table: LAB_HS, X_PROJ_LVL_MAP



For example, if you selected a **Project Level** of **4** (or the first four segments were mapped to WBS1) and there are no LAB_HS records in the Costpoint (source) database for levels 1, 2, and 3, the application will create and insert four rows when uploading data into the EMProjectAssoc (Target) table, as follows:

Source DB - LAB_HS.PROJ_ID = 1.23.34.45

Target DB - EMProjectAssoc.WBS1 = 1.23.34.45 (Level 4)

Target DB - EMProjectAssoc.WBS1 = 1.23.34 (Level 3)

Target DB - EMProjectAssoc.WBS1 = 1.23 (Level 2)

Target DB - EMProjectAssoc.WBS1 = 1 (Level 1)

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
EMProjectAssoc	WBS1	X_PROJ_LVL_MAP	PROJ_ID	Varchar (30)		For each level, build the PROJ_ID by concatenating each segment where the PROJ.LVL_NO is less than or equal to the X_OBJ_SUPP.PROJ_CUST_LVL (L1_PROJ_SEG_ID.L2_PROJ_SEG_ID). If no row was created for a higher level in the project tree because no activity was done at that level, create a row for that level. Look up value in PR WBS1, WBS2, and WBS3 using full KEY.
EMProjectAssoc	WBS2	X_PROJ_LVL_MAP	NO MATCH	Varchar (7)		Set to one space if not using mapping;

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						otherwise, it is based on project level map.
EMProjectAssoc	WBS3	X_PROJ_LVL_MAP	NO MATCH	Varchar (7)		Set to one space if not using mapping; otherwise, it is based on project level map.
EMProjectAssoc	Employee	LAB_HS	EMPL_ID	Varchar (20)		Look up value in EM.Employee, if not null.
EMProjectAssoc	Role	LAB_HS	NO MATCH	Varchar (10)		Set to X_OBJ_SUPP.PROJ_EMPL_ROLE. Set to NONE as default. Look up value in CFGEmployeeRole.Code. Can be updated manually. If X_OBJ_SUPP.PROJ_EMPL_ROLE is NULL, set to NONE .
EMProjectAssoc	Role Description	LAB_HS	NO MATCH	Text (16)		Set to null.
EMProjectAssoc	TeamStatus	LAB_HS	NO MATCH	Varchar (10)		Set to null.
EMProjectAssoc	CreateUser			Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
EMProjectAssoc	CreateDate			Date/time (8)	Integration processing date	
EMProjectAssoc	ModUser			Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.
EMProjectAssoc	ModDate			Date/time (8)	Integration processing date	
EMProjectAssoc	EndDate	LAB_HS	NO MATCH	Date/time (8)		Set to null.
EMProjectAssoc	StartDate	LAB_HS	NO MATCH	Date/time (8)		Set to null.
EMProjectAssoc	TeamStatus	LAB_HS	NO MATCH	Varchar (10)		Set to "Active."
EMProjectAssoc	RecordID	LAB_HS	NO MATCH	Varchar (32)		Set to INTEG + the number of milliseconds past midnight + the index of the object in the data stream to ensure uniqueness If multiple rows exist with the same WBS1, WBS2, WBS3, Employee and Role then an error is recorded and the row is skipped.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
AuditTrail	AuditID	LAB_HS	NO_MATCH	UniquelIdentifier (16)		If audit trail has been enabled, an audit trail record is created when a record is added or updated.
AuditTrail	ModUser					When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User parameter in the CP2GovWinCRM properties file. If no value is provided then "DeltekConnector" will be used.
AuditTrail	ModDate					When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.

If you select the **Use Project Level Mapping** check box, the application will create rows for all Costpoint levels assigned to WBS1. If WBS2 is made up of multiple Costpoint levels, the application will create only one row for the last level mapped to WBS2. If WBS3 is made up of multiple Costpoint levels, the application will create only one row for the last level mapped to WBS3.



Please refer to "[Project to WBS Mapping](#)" for more information.

Project Manager Association Integration Details

This integration process creates project manager association records from the project manager IDs assigned to the projects in Costpoint.

GovWin Capture Management table: EMProjectAssoc, AuditTrail

Costpoint table: PROJ, X_PROJ_LVL_MAP

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
EMProject Assoc	WBS1	X_PROJ _LVL_MAP	PROJ_ID	Varchar (30)		For each level, build the PROJ_ID by concatenating each segment where the PROJ.LVL_NO is less than or equal to the X_OBJ_SUPP.PROJ_CUST_LVL (L1_PROJ_SEG_ID.L2_PROJ_SEG_ID). Look up value in PR WBS1, WBS2, and WBS3 using full key
EMProject Assoc	WBS2	X_PROJ _LVL_MAP	NO MATCH	Varchar (7)		If the Use Project Level Mapping check box is not selected, set to one space; otherwise, the value will be based on the project level map.
EMProject Assoc	WBS3	X_PROJ _LVL_MAP	NO MATCH	Varchar (7)		If the Use Project Level Mapping check box is not selected, set to one space; otherwise, the value will be based on the project level map.
EMProject Assoc	Employee	PROJ	EMPL_ID	Varchar (20)		Look up value in EM.Employee, if not null.
EMProject Assoc	Role	PROJ	NO MATCH	Varchar (10)		Set to sysPM . Look up value in CFGEmployeeRole.Code.
EMProject Assoc	RoleDescription	PROJ	NO MATCH	Text (16)		Set to null.
EMProject Assoc	TeamStatus	PROJ	NO MATCH	Varchar (10)		Set to null.
EMProject Assoc	CreateUser			Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						Revision_History_User value will be used.
EMProject Assoc	CreateDate			Date/time (8)	Integration processing date	
EMProject Assoc	ModUser			Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.
EMProject Assoc	ModDate			Date/time (8)	Integration processing date	
EMProject Assoc	EndDate	PROJ	NO MATCH	Date/time (8)		Set to null
EMProject Assoc	StartDate	PROJ	NO MATCH	Date/time (8)		Set to null
EMProject Assoc	RecordID	PROJ	NO MATCH	Varchar (32)		Set to INTEG + the number of milliseconds past midnight + the index of the object in the data stream to ensure uniqueness If multiple rows exist with the same WBS1, WBS2, WBS3, Employee and Role, an error is recorded and the row is skipped.
AuditTrail	AuditID	PROJ	NO MATCH	Unique Identifier (16)		If Audit has been enabled, an audit trail record is created when a record is added or updated.
AuditTrail	ModUser					When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						parameter in the CP2GovWinCRM properties file. If no value is provided then "DeltekConnector" will be used.
AuditTrail	ModDate					When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.

Project Client Association Integration Details

This integration process creates Project/Client association records from customer IDs associated with projects in Costpoint (in the source PROJ table).

GovWin Capture Management table: PRClientAssoc, AuditTrail

Costpoint table: PROJ, X_PROJ_LVL_MAP

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
PRClientAssoc	WBS1	X_PROJ_LVL_MAP	PROJ_ID	Varchar (30)		Create/update association rows where the PROJ.LVL_NO is less than or equal to the X_OBJ_SUPP.PROJ_MGR_LVL. If the Use Project Level Mapping check box is selected, create based on all levels assigned to WBS1. See Project to WBS Mapping for further details. Look up value in PR WBS1, WBS2, and WBS3 using full KEY.
PRClientAssoc	Client_Id	PROJ	CUST_ID	Varchar (20)		If CUST_ID is not Null, the value is based upon the

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						logical key - If the CUST_ID value is found in CL.CLIENT, the CL.CLIENTID is used; otherwise, an error is reported
PRClientAssoc	PrimaryInd	PROJ	NO MATCH	Varchar (1)	N	Set to default.
PRClientAssoc	Role	PROJ	NO MATCH	Varchar (10)		Set to null.
PRClientAssoc	Address	PROJ	No MATCH	Varchar (10)		Set to null.
PRClientAssoc	Role Description	PROJ	NO MATCH	Text (16)		Set to null.
PRClientAssoc	Client Confidential	PROJ	NO MATCH	Varchar (1)		Set to N .
PRClientAssoc	CreateUser			Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.
PRClientAssoc	CreateDate			Date/time (8)	Integration processing date	
PRClientAssoc	ModUser			Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						Only the first 20 characters of the Revision_History_User value will be used.
PRClientAssoc	ModDate			Date/time (8)	Integration processing date	
AuditTrail	AuditID	PROJ	NO_MATCH	Unique Identifier (16)		If audit trail has been enabled, an audit trail record is created when a record is added or updated.
AuditTrail	ModUser					When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User parameter in the CP2GovWinCRM properties file. If no value is provided then "DelttekConnector" will be used.
AuditTrail	ModDate					When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.
PRClientAssoc	ClientInd	PROJ	NO_MATCHING_VALUE	Varchar(1)		Set to Y.
PRClientAssoc	VendorInd	PROJ	NO_MATCHING_VALUE	Varchar(1)		Set to N.

Project Vendor Association Integration Details

This integration process creates project/vendor association records based on vendor project charges in Costpoint (the VCHR_HDR_HS and VCHR_LN_ACCT_HS tables). The **Project Level** specified on the Configure Project Options screen controls the maximum level at which the associations are created, and rows will also be manufactured for all higher levels of the project.



For example, if you selected a **Project Level** of 4 (or the first four segments were mapped to WBS1) and there are no VCHR_LN_ACCT_HS records in the Costpoint (Source) database for levels 1, 2, and 3, the application will create and insert four rows when uploading data into the VEProjectAssoc (target) table, as follows:

Source DB - Vchr_Ln_Acct_Hs.Proj_id = 1.23.34.45

Target DB - VEProjectAssoc.WBS1 = 1.23.34.45 (Level 4)

Target DB - VEProjectAssoc.WBS1 = 1.23.34 (Level 3)

Target DB - VEProjectAssoc.WBS1 = 1.23 (Level 2)

Target DB - VEProjectAssoc.WBS1 = 1 (Level 1)

GovWin Capture Management table: VEProjectAssoc

Costpoint table: VCHR_HDR_HS

GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default value	Source Input/Notes
Vendor	VEND_ID	Varchar (20)		Look up value in VE.Vendor.

GovWin Capture Management table: VEProjectAssoc, AuditTrail

Costpoint table: VCHR_LN_ACCT_HS, X_PROJ_LVL_MAP

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default value	Source Input/Notes
VEProjectAssoc	WBS1	X_PROJ_LVL_MAP	PROJ_ID	Varchar (30)		Create/update association rows where the PROJ.LVL_NO is less than or equal to the X_OBJ_SUPP.PROJ_MGR_LVL. Look up value in PR WBS1, WBS2, and WBS3 using full KEY.
VEProjectAssoc	Role	VCHR_LN_ACCT_HS	NO MATCH	Varchar (10)		Set to null.
VEProjectAssoc	CreateUser			Varchar (20)	DelteConnector	Revision_History_User setting in the CP2CRM properties file.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default value	Source Input/Notes
						<p>If the Revision_History_User property is empty then "DeltekConnector" will be used.</p> <p>Only the first 20 characters of the Revision_History_User value will be used.</p>
VEProjectAssoc	CreateDate			Date/time (8)	Integration processing date	
VEProjectAssoc	ModUser			Varchar (20)	DeltekConnector	<p>Revision_History_User setting in the CP2CRM properties file.</p> <p>If the Revision_History_User property is empty then "DeltekConnector" will be used.</p> <p>Only the first 20 characters of the Revision_History_User value will be used.</p>
VEProjectAssoc	ModDate			Date/time (8)	Integration processing date	
VEProjectAssoc	Role Description	VCHR_LN_ACCT_HS	NO MATCH	Text (16)		Set to null
VEProjectAssoc	TeamStatus	VCHR_LN_ACCT_HS	NO MATCH	Varchar (10)		Set to Active .
VEProjectAssoc	WBS2	VCHR_LN_ACCT_HS	NO MATCH	Varchar (7)		Set to one space.
VEProjectAssoc	WBS3	VCHR_LN_ACCT_HS	NO MATCH	Varchar (7)		Set to one space.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default value	Source Input/Notes
AuditTrail	AuditID	VCHR_L N_ ACCT_H S	NO_ MATCH	Unique Identifier (16)		When audit trail has been enabled, an audit trail record is created when a record is added or updated.
AuditTrail	ModUser					When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User parameter in the CP2GovWinCRM properties file. If no value is provided then "DeltekConnector" will be used.
AuditTrail	ModDate					When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.

If you selected the **Use Project Level Mapping** check box, the application will create rows for all Costpoint levels assigned to WBS1. If WBS2 is made up of multiple Costpoint levels, the application will create only one row for the last level mapped to WBS2. If WBS3 is made up of multiple Costpoint levels, the application will create only one row for the last level mapped to WBS3.



Please refer to "[Project to WBS Mapping](#)" for more information.

Contract Information Integration Details

This integration process creates Contract Information records in GovWin Capture Management, including project revenue formulas from Costpoint (PROJ_REV_SETUP) and several additional contract fields. If you did not select the **Use Project Level Mapping** check box, the project level specified on the Configure Project Options screen will control the maximum level at which the Projects are created and rows will also be manufactured for all higher levels of the project (see example below). WBS2 and WBS3 will be blank. If you selected the **Use Project Level Mapping** check box, and multiple levels are mapped to WBS1, the application will also manufacture rows for the higher levels of the project in WBS1 as shown. WBS2 and WBS3 may contain segments of the Costpoint project ID if they were so mapped.

There is no default value for any data columns for Contract Information.



For example, if you selected a **Project Level** of **4** (or the first four segments were mapped to WBS1) and there are no PROJ_REV_SETUP records in the Costpoint (source) database for levels 1, 2, and 3, the application will create and insert four rows when uploading data into the ProjectCustomTabFields (target) table, as follows:

Source DB - Project ID = 1.23.34.45

Target DB - ProjectCustomTabFields.WBS1 = 1.23.34.45 (Level 4)

Target DB - ProjectCustomTabFields.WBS1 = 1.23.34 (Level 3)

Target DB - ProjectCustomTabFields.WBS1 = 1.23 (Level 2)

Target DB - ProjectCustomTabFields.WBS1 = 1 (Level 1)

GovWin Capture Management table: ProjectCustomTabFields, AuditTrail

Costpoint table: PROJ

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Source Input/Notes
ProjectCustomTabFields	WBS1	PROJ_ID	Varchar (30)	Create one WBS1 for each level of the project ID up to the level selected, or for each level mapped (see example).
ProjectCustomTabFields	WBS2	PROJ_ID or NO MATCH	Varchar (7)	Set to one space if not using mapping (the Use Project Level Mapping check box is not selected); otherwise, the value is based on the project level map.
ProjectCustomTabFields	WBS3	PROJ_ID or NO MATCH	Varchar (7)	Set to one space if not using mapping (the Use Project Level Mapping check box is not selected); otherwise, the value is based on the project level map.
ProjectCustomTabFields	custPrimeContractNumber	PRIME_CONTRACT_ID	Varchar (70)	If space, set to null.
ProjectCustomTabFields	custContractStartDate	PROJ_START_DT	Date/time (8)	If space, set to null.
ProjectCustomTabFields	custBaseEndDate	PROJ_END_DT	Date/time (8)	If space, set to null.
ProjectCustomTabFields	custPONumber	CUST_PO_ID	Varchar (70)	
ProjectCustomTabFields	custSubContract Number	SUBCTR_ID	Varchar (70)	
AuditTrail	AuditID	NO_MATCH	Unique Identifier (16)	When audit trail has been enabled, an audit trail

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Source Input/Notes
				record is created when a record is added or updated.
AuditTrail	ModUser			When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User parameter in the CP2GovWinCRM properties file. If no value is provided then "DeltakConnector" will be used.
AuditTrail	ModDate			When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.

GovWin Capture Management Table: ProjectCustomTabFields, AuditTrail
Costpoint Table: PROJ_REV_SETUP, X_PROJ_LVL_MAP

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Source Input/Notes
ProjectCustomTabFields	custRevenueTypes	S_REV_FORMULA_CD	Varchar (70)	Look up column in X_REV_FORMULA_MAP.CP_REV_FORMULA_CD. If found, set to X_REV_FORMULA_MAP.CRM_REV_FORMULA_CD. If NOT found, set to S_REV_FORMULA_CD. Concatenate together; separate by a colon all revenue formulas used across a project tree.
ProjectCustomTabFields	RevType2	NO_MATCHING_VALUE	Varchar (10)	Not Implemented in maps.
ProjectCustomTabFields	RevType3	NO_MATCHING_VALUE	Varchar (10)	Not Implemented in maps.
ProjectCustomTabFields	RevType4	NO_MATCHING_VALUE	Varchar (10)	Not Implemented in maps.
ProjectCustomTabFields	RevType5	NO_MATCHING_VALUE	Varchar (10)	Not Implemented in maps.
AuditTrail	AuditID	NO_MATCH	UniquelIdentifier (16)	When audit trail has been enabled, an audit trail

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Source Input/Notes
				record is created when a record is added or updated.
AuditTrail	ModUser			When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User parameter in the CP2GovWinCRM properties file. If no value is provided then "DeltekConnector" will be used.
AuditTrail	ModDate			When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.

If you selected the **Use Project Level Mapping** check box, the application will create rows for all Costpoint levels assigned to WBS1. If WBS2 is made up of multiple Costpoint levels, the application will create only one row for the last level mapped to WBS2. If WBS3 is made up of multiple Costpoint levels, the application will create only one row for the last level mapped to WBS3.



Please refer to "[Project to WBS Mapping](#)" for more information.

Contract Modifications Integration Details

This integration process creates contract modification information records based on project modifications in Costpoint (PROJ_MOD). Both detailed modifications (that is, each individual mod) and summary values are created. There are no default data values for the table/columns in the table below.

Project Modifications (Detailed Mods)

GovWin Capture Management table: Projects_Modifications, AuditTrail

Costpoint table: PROJ_MOD, X_PROJ_LVL_MAP

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Source Input/Notes
Projects_Modifications	WBS1	X_PROJ_LVL_MAP	PROJ_ID	Varchar (30)	If you did not select the Use Project Level Mapping check box, the Costpoint project ID will

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Source Input/Notes
					be truncated at the level specified; otherwise, the value is based on the number of levels mapped.
Projects_Modifications	WBS2	X_PROJ_LVL_MAP	PROJ_ID or NO MATCH	Varchar (7)	Set to one space if not using mapping; otherwise, the value is based on the project level map.
Projects_Modifications	WBS3	X_PROJ_LVL_MAP	PROJ_ID or NO MATCH	Varchar (7)	Set to one space if the Use Project Level Mapping check box is not selected; otherwise, the value is based on the project level map.
Projects_Modifications	SEQ	PROJ_MOD	NO MATCH	Varchar (32)	Concatenate PROJ_ID (no delimiters) with PROJ_MOD_ID.
Projects_Modifications	custFundedFeeAmount	PROJ_MOD	PROJ_F_FEE_AMOUNT	Decimal (19,5)	
Projects_Modifications	custFundedCostAmount	PROJ_MOD	PROJ_F_CST_AMOUNT	Decimal (19,5)	
Projects_Modifications	custValueFeeAmount	PROJ_MOD	PROJ_V_FEE_AMOUNT	Decimal (19,5)	
Projects_Modifications	custValueCostAmount	PROJ_MOD	PROJ_V_CST_AMOUNT	Decimal (19,5)	
Projects_Modifications	custEndDate	PROJ_MOD	PROJ_END_DT	Datetime (8)	
Projects_Modifications	custStartDate	PROJ_MOD	PROJ_START_DT	Datetime (8)	
Projects_Modifications	custNotes	PROJ_MOD	NOTES	Varchar (254)	Can be excluded on insert and update.
Projects_Modifications	custDescription	PROJ_MOD	PROJ_MOD_DESC	Varchar (70)	

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Source Input/Notes
Projects_Modifications	custProject	PROJ_MOD	PROJ_ID	Varchar (70)	
Projects_Modifications	custModUser	PROJ_MOD	MODIFIED_BY	Varchar (70)	
Projects_Modifications	custModDate	PROJ_MOD	TIME_STAMP	Datetime (8)	
Projects_Modifications	custValueFeePercent	PROJ_MOD	PROJ_V_PROFT_RT	Decimal (19,5)	
Projects_Modifications	custFundedFeePercent	PROJ_MOD	PROJ_F_PROFT_RT	Number (9)	
Projects_Modifications	custModID	PROJ_MOD	PROJ_MOD_ID	Varchar (70)	
Projects_Modifications	custEffectiveDate	PROJ_MOD	EFFECT_DT	Datetime (8)	
AuditTrail	AuditID	PROJ_MOD	NO_MATCH	UniqueIdentifier (16)	When audit trail has been enabled, an audit trail record is created when a record is added or updated.
AuditTrail	ModUser				When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User parameter in the CP2GovWinCRM properties file. If no value is provided then "DeltekConnect or" will be used.
AuditTrail	ModDate				When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.

If you selected the **Use Project Level Mapping** check box, the application will create rows for all Costpoint levels assigned to WBS1. If WBS2 is made up of multiple Costpoint levels, the application will create only one row for the last level mapped to WBS2. If WBS3 is made up of multiple Costpoint levels, the application will create only one row for the last level mapped to WBS3.



Please refer to "[Project to WBS Mapping](#)" for more information.

Contract Modifications (Summary)

Each level of the project tree created in the target must reflect the actual amounts recorded at that level and the rolled up amounts from all lower levels. This process uses the detail data created in the last step in the Projects_Modifications table to calculate the summarized amounts used to update the ProjectCustomTabFields table. There are no default data values for the table/columns in the table below.

GovWin Capture Management table (source): Projects_Modifications

GovWin Capture Management table (target): ProjectsCustomTabFields, AuditTrail

GovWin CM (Source Column)	GovWin CM (Target Table)	GovWin CM (Target Column)	GovWin CM Data Type and Length	Source Input/Notes
WBS1	ProjectsCustomTab Fields	WBS1	Varchar (30)	
WBS2	ProjectsCustomTab Fields	WBS2	Varchar (7)	
WBS3	ProjectsCustomTab Fields	WBS3	Varchar (7)	
custPrimeContract Number	ProjectsCustomTab Fields	NOMATCH	Varchar (70)	Set to null.
custClientContract Number	ProjectsCustomTab Fields	NO MATCH	Varchar (70)	Set to null.
custContractType	ProjectsCustomTab Fields	NO MATCH	Varchar (70)	Set to null.
custAwardType	ProjectsCustomTab Fields	NO MATCH	Varchar (70)	Set to null.
custParentContract	ProjectsCustomTab Fields	NO MATCH	Varchar (70)	Set to null.
custBidFeePercent	ProjectsCustomTab Fields	NO MATCH	Decimal (19,5)	Set to 0.
custNDARRequired	ProjectsCustomTab Fields	NO MATCH	Varchar (1)	Set to null.
custNDASigned	ProjectsCustomTab Fields	NO MATCH	Date/time (8)	Set to null.

GovWin CM (Source Column)	GovWin CM (Target Table)	GovWin CM (Target Column)	GovWin CM Data Type and Length	Source Input/Notes
custMarketClassification	ProjectsCustomTab Fields	NO MATCH	Varchar (70)	Set to null.
custClassified	ProjectsCustomTab Fields	NO MATCH	Varchar (1)	Set to null.
custSubcontractPlan Submitted	ProjectsCustomTab Fields	NO MATCH	Varchar (1)	Set to null.
custBidDate	ProjectsCustomTab Fields	NO MATCH	Date/time (8)	Set to null.
custAwardDate	ProjectsCustomTab Fields	NO MATCH	Date/time (8)	Set to null.
custContractStartDate	ProjectsCustomTab Fields	NO MATCH	Date/time (8)	Set to null.
custBaseEndDate	ProjectsCustomTab Fields	NO MATCH	Date/time (8)	Set to null.
custRevisedEndDate	ProjectsCustomTab Fields	NO MATCH	Date/time (8)	Set to null.
custOptions	ProjectsCustomTab Fields	NO MATCH	Varchar(70)	Set to null.
custEstimatedValueAmount	ProjectsCustomTab Fields	NO MATCH	Decimal (19,5)	Set to 0.
custEstimatedFeeAmount	ProjectsCustomTab Fields	NO MATCH	Decimal (19,5)	Set to 0.
custEstimatedCost Amount	ProjectsCustomTab Fields	NO MATCH	Decimal (19,5)	Set to 0.
custRevenueTypes	ProjectsCustomTab Fields	NO MATCH	Varchar(70)	Set to null.
custCurrency	ProjectsCustomTab Fields	NO MATCH	Varchar(70)	Set to null.
custRateDateChange	ProjectsCustomTab Fields	NO MATCH	Date/time (8)	Set to null.
custRateExpiration Date	ProjectsCustomTab Fields	NO MATCH	Date/time (8)	Set to null.
custTotalRevenueAmount	ProjectsCustomTab Fields	NO MATCH	Decimal (19,5)	Set to 0.
custValuesAsOfDate	ProjectsCustomTab Fields	NO MATCH	Date/time (8)	Set to null.
custTotalCostAmount	ProjectsCustomTab Fields	NO MATCH	Decimal (19,5)	Set to 0.

GovWin CM (Source Column)	GovWin CM (Target Table)	GovWin CM (Target Column)	GovWin CM Data Type and Length	Source Input/Notes
custTotalBilledAmount	ProjectsCustomTab Fields	NO MATCH	Decimal (19,5)	Set to 0.
custARBalanceAmount	ProjectsCustomTab Fields	NO MATCH	Decimal (19,5)	Set to 0.
custOrigValueTotal Amount	ProjectsCustomTab Fields	custValueCostAmount + custValueFeeAmount	Decimal (19,5)	If custModID is 0000 , add custValueCostAmount and custValueFeeAmount; otherwise, zero.
custOrigValueCost Amount	ProjectsCustomTab Fields	custValueCostAmount	Decimal (19,5)	If custModID is 0000 , set through mapping; otherwise, zero.
custOrigValueFeeAmount	ProjectsCustomTab Fields	custOrigValueFeeAmount	Decimal (19,5)	If custModID is 0000 , set through mapping; otherwise, zero.
custOrigFundedTotalAmount	ProjectsCustomTab Fields	custFundedCostAmount + custFundedFeeAmount	Decimal (19,5)	If custModID is 0000 , add custFundedCostAmount and custFundedFeeAmount; otherwise, zero.
custOrigFundedCostAmount	ProjectsCustomTab Fields	custFundedCostAmount	Decimal (19,5)	If custModID is 0000 , set to custFundedCostAmount; otherwise, zero.
custOrigFundedFeeAmount	ProjectsCustomTab Fields	custFundedFeeAmount	Decimal (19,5)	If custModID is 0000 , set to custFundedFeeAmount; otherwise, zero.
custModValueTotal Amount	ProjectsCustomTab Fields	custValueCostAmount + custValueFeeAmount	Decimal (19,5)	If custModID is not 0000 , add custValueCostAmount and custValueFeeAmount; otherwise, zero.
custModValueCost Amount	ProjectsCustomTab Fields	custValueCostAmount	Decimal (19,5)	If custModID is not 0000 , set to custValueCostAmount; otherwise, zero.
custModValueFeeAmount	ProjectsCustomTab Fields	custValueFeeAmount	Decimal (19,5)	If custModID is not 0000 , set to custValueFeeAmount; otherwise, zero.
custModFundedTotalAmount	ProjectsCustomTab Fields	custFundedCostAmount +	Decimal (19,5)	If custModID is not 0000 , add custFundedCostAmount

GovWin CM (Source Column)	GovWin CM (Target Table)	GovWin CM (Target Column)	GovWin CM Data Type and Length	Source Input/Notes
		custFundedFeeAmount		unt and custFundedFeeAmount; otherwise, zero.
custModFundedCostAmount	ProjectsCustomTab Fields	custFundedCostAmount	Decimal (19,5)	If custModID is not 0000 , set to custFundedCostAmount; otherwise, zero.
custModFundedFeeAmount	ProjectsCustomTab Fields	custFundedFeeAmount	Decimal (19,5)	If custModID is not 0000 , set to custFundedFeeAmount; otherwise, zero.
custTotalValueAmount	ProjectsCustomTab Fields	custValueCostAmount + custValueFeeAmount	Decimal (19,5)	
custTotalValueCostAmount	ProjectsCustomTab Fields	custValueCostAmount	Decimal (19,5)	
custTotalValueFeeAmount	ProjectsCustomTab Fields	custValueFeeAmount	Decimal (19,5)	
custTotalFundedCostAmount	ProjectsCustomTab Fields	custFundedCostAmount	Decimal (19,5)	
custTotalFundedAmount	ProjectsCustomTab Fields	custFundedCostAmount + custFundedFeeAmount	Decimal (19,5)	
custTotalFundedFeeAmount	ProjectsCustomTab Fields	custFundedFeeAmount	Decimal (19,5)	
custModsAtThisLevel	ProjectsCustomTab Fields	NO MATCH	Decimal (19,5)	If custModID is not 0000 , compute number of PROJECTS_ MODIFICATIONS rows at this WBS level.
custModsAtLowerLevels	ProjectsCustomTab Fields	NO MATCH	Decimal (19,5)	If custModID is not 0000 , compute number of PROJECTS_ MODIFICATIONS rows below this WBS level
custPerfPeriodStart	ProjectsCustomTab Fields	NO MATCH	Date/time (8)	The project performance period (the first modification's start date and the last modification's end

GovWin CM (Source Column)	GovWin CM (Target Table)	GovWin CM (Target Column)	GovWin CM Data Type and Length	Source Input/Notes
				date) is now used to set two other separate GovWin Capture Management fields. Since GovWin Capture Management WBS levels may represent several levels of project modifications, the performance period for any given level is the earliest start date of any modifications at that level and below. Likewise, the ending date is based on the latest ending point on all modification records at the stated WBS level and below. Regardless of the Project Selection options, the Mod Performance periods are always determined the same way. The program analyzes the entire project series under each Costpoint project selected.
custPerfPeriodEnd	ProjectsCustomTab Fields	NO MATCH	Date/time (8)	The project performance period (the first modification's start date and the last modification's end date) is now used to set two other separate GovWin Capture Management fields. Since GovWin Capture Management WBS levels may represent several levels of project modifications, the performance period for any given level is the earliest start date of any modifications at that

GovWin CM (Source Column)	GovWin CM (Target Table)	GovWin CM (Target Column)	GovWin CM Data Type and Length	Source Input/Notes
				level and below. Likewise, the ending date is based on the latest ending point on all modification records at the stated WBS level and below. Regardless of the Project Selection options, the Mod Performance periods are always determined the same way. The program analyzes the entire project series under each Costpoint project selected.
AuditID	Audit Trail	NO_MATCH	UniquelIdentifier (16)	When audit trail has been enabled, an audit trail record is created when a record is added or updated.

You can add new rows to the ProjectCustomTabFields table for summary modification values, if no row exists for the higher level WBS1/WBS2/WBS3 combination as rolled up totals are calculated.

Contract PSR Information Integration Details

This integration process creates Contract PSR information records in GovWin Capture Management based on Project PSR information in Costpoint (PSR_HDR and PSR_FINAL_DATA).

Each level of the project tree created in the target must reflect the amounts recorded at that level and the rolled up amounts from all lower levels. You should process the PSR_FINAL_DATA table to update the ProjectCustomTabFields table.

GovWin Capture Management table: ProjectCustomTabFields, AuditTrail

Costpoint table: PSR_HDR, PSR_FINAL_DATA

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default value	Source Input/Notes
ProjectCustomTabFields	WBS1	PSR_HDR	PROJ_ID	Varchar (30)		If you did not select the Use Project Level Mapping check box, the Costpoint project ID will be truncated at the level specified; otherwise, the value is based on the

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default value	Source Input/Notes
						number of levels mapped.
ProjectCusto mTabFields	WBS2	PSR_HDR	PROJ_ID or NO MATCH	Varchar (7)		Set to one space if the Use Project Level Mapping check box is not selected; otherwise, the value is based on the project level map.
ProjectCusto mTabFields	WBS3	PSR_HDR	PROJ_ID or NO MATCH	Varchar (7)		Set to one space if the Use Project Level Mapping check box is not selected; otherwise, the value is based on the project level map.
ProjectCusto mTabFields	custTotal Revenue Amount	PSR_HDR , PSR_FINAL_DATA	Add PY_ INCUR_ AMT and YTD_ INCUR_ AMT	Decimal (19,5)		If SUB_TOT_TYPE_NO is 1 , add PY_INCUR_AMT and YTD_INCUR_AMT; otherwise, zero. Also uses data from PSR_FINAL_DATA.
ProjectCusto mTabFields	custValuesAsOf Date	PSR_HDR	SUB_PD END_DT	Date/time (8)		
ProjectCusto mTabFields	custTotalCost Amount	PSR_HDR , PSR_FINAL_DATA	Add PY_ INCUR_ AMT and YTD_ INCUR_ AMT	Decimal (19,5)		If SUB_TOT_TYPE_NO is 2 or 3 or 4 or 5 , add PY_INCUR_AMT and YTD_INCUR_AMT; otherwise, zero. Also uses data from PSR_FINAL_DATA.
ProjectCusto mTabFields	custDirectLabor	PSR_HDR , PSR_FINAL_DATA	Add PY_ INCUR_ AMT and YTD_ INCUR_ AMT	Decimal (19,5)		If SUB_TOT_TYPE_NO is 2 , add PY_INCUR_AMT and YTD_INCUR_AMT; otherwise, zero. Also uses data from PSR_FINAL_DATA.
ProjectCusto mTabFields	custOtherDirect Cost	PSR_HDR , PSR_FINAL_DATA	Add PY_ INCUR_ AMT and YTD_ INCUR_ AMT	Decimal (19,5)		If SUB_TOT_TYPE_NO is 3 add PY_INCUR_AMT and YTD_INCUR_AMT; otherwise, zero. Also uses data from PSR_FINAL_DATA.
ProjectCusto mTabFields	custTotalBilled Amount	PSR_HDR	BILLED_ AMT	Decimal (19,5)		

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default value	Source Input/Notes
ProjectCustomTabFields	custAR Balance Amount	PSR_HDR	BAL_DUE_AMT	Decimal (19,5)		
AuditTrail	AuditID	PSR_HDR	NO_MATCH	UniqueIdentifier (16)		When audit trail has been enabled, an audit trail record is created when a record is added or updated.
AuditTrail	ModUser					When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User parameter in the CP2GovWinCRM properties file. If no value is provided then "DeltekConnector" will be used.
AuditTrail	ModDate					When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.

Contract Government Information Integration Details

This integration process creates Contract Government Information records in GovWin Capture Management. If you did not select the **Use Project Level Mapping** check box, the project level specified on the Configure Project Options screen will control the maximum level at which the Projects are created and rows will also be manufactured for all higher levels of the project (see example below). WBS2 and WBS3 will be blank. If you selected the **Use Project Level Mapping** check box and multiple levels are mapped to WBS1, the application will also manufacture rows for the higher levels of the project in WBS1 as shown. WBS2 and WBS3 may contain segments of the Costpoint project ID if they were so mapped.



For example, if you selected a **Project Level** of **4** (or the first four segments were mapped to WBS1) and there are no PROJ_REV_SETUP records in the Costpoint (source) database for levels 1, 2, and 3, the application will create and insert four rows when uploading data into the ProjectCustomTabFields (target) table, as follows:

Source DB - Project ID = 1.23.34.45

Target DB - ProjectCustomTabFields.WBS1 = 1.23.34.45 (Level 4)

Target DB - ProjectCustomTabFields.WBS1 = 1.23.34 (Level 3)

Target DB - ProjectCustomTabFields.WBS1 = 1.23 (Level 2)

Target DB - ProjectCustomTabFields.WBS1 = 1 (Level 1)

GovWin Capture Management table: ProjectCustomTabFields
Costpoint table: PROJ_GOVt_CONTR, X_PROJ_LVL_MAP

GovWin Capture Management Column	Costpoint Table	Costpoint Column	GovWin Capture Management Data Type and Length	Default	Notes
custACOFaxID	PROJ_GOVt_CONTR	ACO_FAX_ID	Varchar(25)	Null	This can be excluded on both insert and update.
custACOName	PROJ_GOVt_CONTR	ACO_NAME	Varchar(30)	Null	This can be excluded on both insert and update.
custACOPhoneID	PROJ_GOVt_CONTR	ACO_PHONE_ID	Varchar(25)	Null	This can be excluded on both insert and update.
custCOName	PROJ_GOVt_CONTR	COTR_NAME	Varchar(30)	Null	This can be excluded on both insert and update.
custContractEndDD	PROJ_GOVt_CONTR	CONTR_END_MMDD	Varchar(2)	Null	This can be excluded on both insert and update.
custContractEndMM	PROJ_GOVt_CONTR	CONTR_END_MMDD	Varchar(2)	Null	This can be excluded on both insert and update.
custContractStartDD	PROJ_GOVt_CONTR	CONTR_START_MMDD	Varchar(2)	Null	This can be excluded on both insert and update.
custContractStartMM	PROJ_GOVt_CONTR	CONTR_START_MMDD	Varchar(2)	Null	This can be excluded on both insert and update.
custContRepFaxID	PROJ_GOVt_CONTR	CONT_REP_FAX_ID	Varchar(25)	Null	This can be excluded on both insert and update.
custContRepName	PROJ_GOVt_CONTR	CONT_REP_NAME	Varchar(30)	Null	This can be excluded on both insert and update.
custContRepPhoneID	PROJ_GOVt_CONTR	CONT_REP_PHONE_ID	Varchar(25)	Null	This can be excluded on both insert and update.
custContRepTitle	PROJ_GOVt_CONTR	CONT_REP_TITLE	Varchar(30)	Null	This can be excluded on both insert and update.
custDMSDPS_CD	PROJ_GOVt_CONTR	DMS_DPS_CD	Varchar(6)	Null	This can be excluded on both insert and update.

GovWin Capture Management Column	Costpoint Table	Costpoint Column	GovWin Capture Management Data Type and Length	Default	Notes
custFundSrce Desc	PROJ_GOVT_CONTR	FUND_SRCE_DESC	Varchar(30)	Null	This can be excluded on both insert and update.
custPCOName	PROJ_GOVT_CONTR	PCO_NAME	Varchar(30)	Null	This can be excluded on both insert and update.
custStmntOfWork	PROJ_GOVT_CONTR	STMT_OF_WORK_TX	Varchar(254)	Null	This can be excluded on both insert and update.
WBS1	X_PROJ_LVL_MAP	PROJ_ID	Varchar(30)		Create one WBS1 for each level of the project ID up to the level selected, or for each level mapped (see example).
WBS2	X_PROJ_LVL_MAP	PROJ_ID/No Match	Varchar(7)		Set to one space if not using mapping (the Use Project Level Mapping check box is not selected); otherwise, the value is based on the project level map.
WBS3	X_PROJ_LVL_MAP	PROJ_ID/No Match	Varchar(7)		Set to one space if not using mapping (the Use Project Level Mapping check box is not selected); otherwise, the value is based on the project level map.

If you selected the **Use Project Level Mapping** check box, the application will create rows for all Costpoint levels assigned to WBS1. If WBS2 is made up of multiple Costpoint levels, the application will create only one row for the last level mapped to WBS2. If WBS3 is made up of multiple Costpoint levels, the application will create only one row for the last level mapped to WBS3.



Please refer to "[Project to WBS Mapping](#)" for more information.

Vendor Data

This section describes the integration process that transfers vendor data from Costpoint to GovWin Capture Management. Vendor data consists of three objects:

- Vendor Basic (VEND_BASIC)
- Vendor Address (VEND_ADDR)
- Vendor Contacts (VEND_CONTACT)

Vendor Basic creates or updates records in the VE (Vendor) table, Vendor Address creates or updates records in the VEAddress (Vendor Address) table, and Vendor Contacts creates or updates records in the Contacts table.



This section includes each object's integration process (Vendor Basic, Vendor Address, and Vendor Contacts) and the processing details. In each of the Integration Details sections, the GovWin Capture Management Table and Column represent the Target data, and the Costpoint Table and Column represent the Source data. Please see the Manage Interface Configuration and Scheduler screen and the Configure Vendor Options screen documentation for additional information regarding setup and usage of the Integration package for all objects.

Vendor Basic Integration Details

This integration program generates records in the VE table from Costpoint's VEND table.

GovWin Capture Management Table: VE, VendorCustomTabFields, AuditTrail

Costpoint Table: VEND, GL_CONFIG

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
VendorCustomTabFields	Vendor	VEND	VEND_ID	Varchar (20) NOT NULL		
VendorCustomTabFields	Name	VEND	VEND_LONG_NAME	Varchar (100)		If space, set to null on insert. Can be excluded on update, but not on insert.
VendorCustomTabFields	DefaultExpense Code	VEND	NO_MATCHING_VALUE	Varchar (10)	N	Not Implemented in maps.
VendorCustomTabFields	SortName	VEND	VEND_LONG_NAME	Varchar (40)		If space, set to null on insert. Can be excluded on update, but not on insert.
VendorCustomTabFields	Category	VEND	NO_MATCHING_VALUE	Varchar (1)		Set to C.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
VendorCustomTabFields	Status	VEND	S_VEND_PO_CNTL_CD	Varchar (1)		<p>If S_VEND_PO_CNTL_CD is H or W, set to I; otherwise, A.</p> <p>If space, set to null on insert.</p> <p>This can be excluded on both insert and update.</p>
VendorCustomTabFields	FedID	VEND	AP_1099_TAX_ID	Varchar (11)		<p>If space, set to null on insert.</p> <p>First 11 positions. If length is greater than 11 positions, truncate.</p> <p>This can be excluded on both insert and update.</p>
VendorCustomTabFields	WebSite	VEND	NO_MATCHING_VALUE	Varchar (255)		<p>Leave null on insert; retain GovWin Capture Management value on update.</p>
VendorCustomTabFields	Disadv Business	VEND	CL_DISADV_FL	Varchar (1) NOT NULL	N	<p>This can be excluded on both insert and update.</p>
VendorCustomTabFields	Small Business	VEND	S_CL_SM_BUS_CD	Varchar (1) NOT NULL	N	<p>If S_CL_SM_BUS_CD is S, set to Y; otherwise, N.</p> <p>This can be excluded on both insert and update.</p>
VendorCustomTabFields	Minority Business	VEND	NO_MATCHING_VALUE	Varchar (1) NOT NULL	N	<p>Set to default value that database will provide.</p>
VendorCustomTabFields	HBCU	VEND	CL_HISTBL_CLG_FL	Varchar (1) NOT NULL	N	<p>This can be excluded on both insert and update.</p>
VendorCustomTabFields	PriorWork	VEND	NO_MATCHING_VALUE	Varchar (1) NOT NULL	N	<p>Set to Y. Provide value.</p>

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
VendorCustomTabFields	Recommended	VEND	NO_MATCHING_VALUE	Varchar (1) NOT NULL	N	Set to Y . Provide value.
VendorCustomTabFields	Specialty	VEND	NO_MATCHING_VALUE	Text (16)		Leave null on insert; retain GovWin Capture Management value on update.
VendorCustomTabFields	Type	VEND	NO_MATCHING_VALUE	Varchar (10)		Set to T (Trade).
VendorCustomTabFields	AvailableFor CRM	VEND	NO_MATCHING_VALUE	Varchar (1) NOT NULL	N	Set to Y .
VendorCustomTabFields	ReadyFor Approval	VEND	NO_MATCHING_VALUE	Varchar (1) NOT NULL	N	Set to default value that database will provide.
VendorCustomTabFields	ReadyFor Processing	VEND	NO_MATCHING_VALUE	Varchar (1) NOT NULL	N	Set to default value that database will provide.
VendorCustomTabFields	Woman Owned	VEND	CL_WOMOWN_FL	Varchar (1) NOT NULL	N	This can be excluded on both insert and update.
VendorCustomTabFields	CreateUser			Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.
VendorCustomTabFields	CreateDate			Date/time (8)	Integration processing date	
VendorCustomTabFields	ModUser			Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file.

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						<p>If the Revision_History_User property is empty then "DeltekConnector" will be used.</p> <p>Only the first 20 characters of the Revision_History_User value will be used.</p>
VendorCustomTabFields	ModDate			Date/time (8)	Integration processing date	
VendorCustomTabFields	DisabledVet Owned Small Business	VEND	CL_SD_VET_FL	Varchar (1)		<p>If S_CL_SM_BUS_CD is S and CL_SD_VET_FL is Y, set to Y; otherwise, N.</p> <p>This can be excluded on both insert and update.</p>
VendorCustomTabFields	Custom Currency Code	GL_CONFIG	FUNC_S_CRNCY_CD	Varchar (3)		<p>If MulticurrencyEnabled, set through mapping where VEND.COMPANY_ID = GL_CONFIG.COMPANY_ID and, if not, set a single space.</p> <p>Foreign key value lookup in CFGCurrency.Code</p>
VendorCustomTabFields	VetOwned Small Business	VEND	CL_VET_FL	Varchar (1)		<p>If S_CL_SM_BUS_CD is S and CL_VET_FL = Y, set to Y; otherwise, N.</p> <p>This can be excluded on both insert and update.</p>
VendorCustomTabFields	VendorCustomTabFieldsVendor	VEND	Vend.Vend_ID	Varchar (20)		Add row in custom table when adding a row in primary

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						table. Only the Primary Key and only inserts no updates.
VendorCustomTabFields	custHUBZoneQualified	VEND	CL_LAB_S RPL_FL	Varchar (1)		This can be excluded on both insert and update. Set through mapping.
VendorCustomTabFields	custVendorApprovalCode	VEND	VEND_APPRVL_CD	Varchar (20)		This can be excluded on both insert and update. If A , set to Approved . If P , set to Pending . If N , set to Not Approved .
VendorCustomTabFields	custCertificationNumber	VEND	VEND_CERT_ID	Varchar (20)		This can be excluded on both insert and update. Set through mapping.
VendorCustomTabFields	custCertificationDate	VEND	VEND_CERT_DT	Date (8)		Set through mapping.
VendorCustomTabFields	custDefaultSize	VEND	S_CL_SM_BUS_CD	Varchar (20)		This can be excluded on both insert and update. If L , set to Large . If S , set to Small . If N , set to Non-Profit . If F , set to Foreign/Other .
AuditTrail	AuditID		NO MATCH			When audit trail has been enabled, an audit trail record is created when a record is added or updated.
AuditTrail	ModUser					When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User parameter in the

GovWin CM Table	GovWin CM Column	Costpoint Table	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
						CP2GovWinCRM properties file. If no value is provided then "DeltekConnector" will be used.
AuditTrail	ModDate					When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.

Vendor Address Integration Details

This integration program generates records in the VEAddress table from Costpoint's vendor addresses (VEND_ADDR).

GovWin Capture Management Table: VEAddress, CFGMainData, CFGPhoneFormat, AuditTrail

Costpoint Table: VEND_ADDR

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
VEAddress	Vendor	VEND_ID	Varchar (20) NOT NULL		Look up value in VE.VENDOR.
VEAddress	Address	ADDR_DC	Varchar (20) NOT NULL		
VEAddress	Address1	LN_1_ADR	Varchar (50)		If space, set to null on insert. This can be excluded on both insert and update.
VEAddress	Address2	LN_2_ADR	Varchar (50)		If space, set to null on insert. This can be excluded on both insert and update.
VEAddress	Address3	LN_3_ADR	Varchar (50)		If space, set to null on insert.

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
					This can be excluded on both insert and update.
VEAddress	Address4	NO_MATCHING_VALUE	Varchar (50)		Leave null on insert; retain GovWin Capture Management value on update.
VEAddress	City	CITY_NAME	Varchar (30)		If space, set to null on insert. This can be excluded on both insert and update.
VEAddress	State	MAIL_STATE_DC	Varchar (10)		First 10 positions. If length is greater than 10 positions, truncate. This can be excluded on both insert and update.
VEAddress	ZIP	POSTAL_CD	Varchar (10)		If space, set to null on insert. This can be excluded on both insert and update.
VEAddress	Country	COUNTRY_CD	Varchar (40)		Use COUNTRY_NAME from COUNTRY table in place of COUNTRY_CD. This can be excluded on both insert and update.
CFGMainData	Company	NO_MATCHING_VALUE	Varchar (14)		Get default format key from CFGMAINDATA.DefaultPhoneFormatKey where COMPANY = " " (SPACE). If multiple records are returned, record message and do not use a default phone format on INSERTS.
CFGPhone Format	DefaultPhone FormatKey	NO_MATCHING_VALUE	Varchar (32)		If not NULL, get default format from CFGPhoneFormat.P

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
					honeFormat WHERE Pkey = CFGMAINDATA.Def aultPhoneFormatKe y.
CFGPhone Format	Pkey	NO_MATCHING_VALUE	Varchar (32)		Used to get default phone format.
VEAddress	Phone	PHONE_ID	Varchar (24)		If space, set to null on insert. First 24 positions. If length is greater than 24 positions, truncate. This can be excluded on both insert and update. See Phone format column logic.
VEAddress	FAX	FAX_ID	Varchar (24)		If space, set to null on insert. First 24 positions. If length is greater than 24 positions, truncate. This can be excluded on both insert and update. See Fax format column logic.
VEAddress	FaxFormat	NO_MATCHING_VALUE	Varchar (24)		Use default format on insert. If no default phone format is found, leave NULL. On update: If format column is not null, set data to format in this column; otherwise, record error and pass data through as is. See Phone format. If format column is not null and program is unable to format data, pass data through as is and set this format column to

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
					NULL. If fax format column is NULL and fax is NULL, use INSERT rules.
VEAddress	PhoneFormat	NO_MATCHING_VALUE	Varchar (24)		<p>Use default format on insert. If no default phone format is found, leave NULL.</p> <p>On update: If format column is not null, set data to format in this column; otherwise, record error and pass data through as is. See Phone format. If format column is not null and program is unable to format data, pass data through as is and set this format column to NULL. If phone format column is NULL and phone is NULL, use INSERT rules.</p>
VEAddress	Email	NO_MATCHING_VALUE	Varchar (50)		Leave null on insert; retain GovWin Capture Management value on update.
VEAddress	TaxCountry Code	NO_MATCHING_VALUE	Varchar (2)		Leave null on insert; retain GovWin Capture Management value on update.
VEAddress	Tax Registration Number	NO_MATCHING_VALUE	Varchar (15)		Leave null on insert; retain GovWin Capture Management value on update.
VEAddress	PrimaryInd	NO_MATCHING_VALUE	Varchar (1) NOT NULL	N	<p>If S_PMT_ADDR_CD is D, set to Y. For all others, set to N.</p> <p>Set to Y if a PRIMARY ADDRESS CODE</p>

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
					was provided at runtime and that code is the current ADDR_DC.
VEAddress	CreateUser		Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.
VEAddress	CreateDate		Date/time (8)	Integration processing date	
VEAddress	ModUser		Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.
VEAddress	ModDate		Date/time (8)	Integration processing date	
VEAddress	Payee	NO_MATCHING_VALUE	Varchar		LEAVE NULL on insert; retain GovWin Capture Management value on update.
AuditTrail	AuditID	NO MATCH			When audit trail has been enabled, an audit trail record is

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
					created when a record is added or updated..
AuditTrail	ModUser				When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User parameter in the CP2GovWinCRM properties file. If no value is provided then "DeltekConnector" will be used.
AuditTrail	ModDate				When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.

Vendor Contacts Integration Details

The integration program generates records in the Contacts table from Costpoint's Vendor Contacts table (VEND_ADDR_CNTRACT). Address information is pulled from the Vendor Address table in Costpoint (as indicated below).

GovWin Capture Management Table: Contacts

Costpoint Table: VEND_ADDR_CNTRACT

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
Contacts	ContactID	NO_MATCHING_VALUE	Varchar (32) NOT NULL		Concatenate VEND_ID ADDR_DC and VEND_ADDR_CNT_KEY.
Contacts	ClientID	NO_MATCHING_VALUE	Varchar (32)		Leave null on insert. Retain GovWin Capture Management value on update.
Contacts	CLAddress	NO_MATCHING_VALUE	Varchar (20)		Leave null on insert.
Contacts	Vendor	VEND_ID	Varchar (20)		If space, set to null on insert.

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
					Look up value in VE.VENDOR.
Contacts	VEAddress	ADDR_DC	Varchar (20)		If space, set to null on insert.
Contacts	Type	NO_MATCHING_VALUE	Varchar (10)		Set value based on contact (client or vendor). Set to V (Vendor).
Contacts	LastName	CNTACT_LAST_NAME	Varchar (30)		If space, set to null on insert. This can be excluded on both insert and update.
Contacts	FirstName	CNTACT_FIRST_NAME	Varchar (25)		If space, set to null on insert. This can be excluded on both insert and update.
Contacts	MiddleName	NO_MATCHING_VALUE	Varchar (30)		Set to default.
Contacts	Salutation	NO_MATCHING_VALUE	Varchar (10)		Lookup value in CFGPrefix.PREFIX. Leave null on insert. Retain GovWin Capture Management value on update.
Contacts	Suffix	NO_MATCHING_VALUE	Varchar (20)		Lookup value in CFGSuffix.SUFFIX. Leave null on insert. Retain GovWin Capture Management value on update.
Contacts	Title	CNTACT_TITLE_NAME	Varchar (50)		If space, set to null on insert. This can be excluded on both insert and update.
Contacts	Address1	LN_1_ADR	Varchar (50)		If space, set to null on insert. This can be excluded on both insert and update.
Contacts	Address2	LN_2_ADR	Varchar (50)		If space, set to null on insert. This can be excluded on both insert and update.
Contacts	Address3	LN_3_ADR	Varchar (50)		If space, set to null on insert.

GovWin CM Table	GovWin CM Column	Costpoint Column	GovWin CM Data Type and Length	Default Value	Source Input/Notes
					This can be excluded on both insert and update.
Contacts	Address4	NO_MATCHING_VALUE	Varchar (50)		

GovWin Capture Management Table: Contacts
Costpoint Table: VEND_ADDR, CFGMainData, CFGPhoneFormat, AuditTrail

GovWin Capture Management Table	GovWin Capture Management Column	Costpoint Column	GovWin Capture Management Data Type and Length	Default Value	Source Input/Notes
Contacts	City	CITY_NAME	Varchar (30)		If space, set to null on insert. This can be excluded on both insert and update.
Contacts	State	MAIL_STATE_DC	Varchar (10)		If length is greater than 10 positions, truncate. This can be excluded on both insert and update.
Contacts	ZIP	POSTAL_CODE	Varchar (10)		If space, set to null on insert. This can be excluded on both insert and update.
Contacts	Country	COUNTRY_CD	Varchar (40)		Use COUNTRY_NAME from COUNTRY table in place of COUNTRY_CD. This can be excluded on both insert and update.
CFGMain Data	Company	NO_MATCHING_VALUE	Varchar (14)		Get default format key from CFGMAINDATA.DefaultPhoneFormatKey where COMPANY = " " (SPACE). If multiple records are returned, record message and do not use a default phone format on INSERTS.
CFGPhoneFormat	DefaultPhoneFormatKey	NO_MATCHING_VALUE	Varchar (32)		If NULL, no default phone format is used on INSERTS. If not NULL, get default format from CFGPhoneFormat.PhoneFormat WHERE Pkey = CFGMAINDATA.DefaultPhoneFormatKey.

GovWin Capture Management Table	GovWin Capture Management Column	Costpoint Column	GovWin Capture Management Data Type and Length	Default Value	Source Input/Notes
CFGPhone Format	Pkey	NO_MATCHING_VALUE	Varchar (32)		Used to get default phone format.
CFGPhone Format	PhoneFormat	NO_MATCHING_VALUE	Varchar (24)		Used as default phone format.
Contacts	Phone	PHONE_ID	Varchar (24)		If space, set to null on insert. First 24 positions. If length is greater than 24 positions, truncate. This can be excluded on both insert and update.
Contacts	Fax	FAX_ID	Varchar (24)		This can be excluded on both insert and update.
Contacts	Pager	NO_MATCHING_VALUE	Varchar (24)		Set to null on insert.
Contacts	CellPhone	OTH_PHONE_ID	Varchar (24)		If space, set to null on insert. First 24 positions. If length is greater than 24 positions, truncate. This can be excluded on both insert and update.
Contacts	HomePhone	NO_MATCHING_VALUE	Varchar (24)		Set to null on insert.
Contacts	FaxFormat	NO_MATCHING_VALUE	Varchar (24)		Use default format on insert. If no default phone format is found, leave NULL. On update: If format column is not null, set data to format in this column; otherwise, record error and pass data through as is. See Phone format. If format column is not null and program is unable to format data, pass data through as is and set this format column to NULL. If fax format column is NULL and fax is NULL. use INSERT rules.

GovWin Capture Management Table	GovWin Capture Management Column	Costpoint Column	GovWin Capture Management Data Type and Length	Default Value	Source Input/Notes
Contacts	CellPhone Format	NO_MATCHING_VALUE	Varchar (24)		<p>Use default format on insert. If no default phone format is found, leave NULL.</p> <p>On update: If format column is not null, set data to format in this column; otherwise, record error and pass data through as is. See Phone format. If format column is not null and program is unable to format data, pass data through as is and set this format column to NULL. If cell phone format column is NULL and cell phone is NULL, use INSERT rules.</p>
Contacts	HomePhone Format	NO_MATCHING_VALUE	Varchar (24)		Not Implemented in maps.
Contacts	PagerFormat	NO_MATCHING_VALUE	Varchar (24)		Not Implemented in maps.
Contacts	PhoneFormat	NO_MATCHING_VALUE	Varchar (24)		<p>Use default format on insert. If no default phone format is found, leave NULL.</p> <p>On update: If format column is not null, set data to format in this column; otherwise, record error and pass data through as is. See Phone format. If format column is not null and program is unable to format data, pass data through as is and set this format column to NULL. If phone format column is NULL and phone is NULL, use INSERT rules.</p>
Contacts	Email	NO_MATCHING_VALUE	Varchar (50)		Leave null on insert. Retain GovWin Capture Management value on update.

GovWin Capture Management Table	GovWin Capture Management Column	Costpoint Column	GovWin Capture Management Data Type and Length	Default Value	Source Input/Notes
Contacts	Memo	NOTES	Text (16)		If space, set to null on insert. This can be excluded on both insert and update.
Contacts	Mailing Address	NO_MATCHING_VALUE	Varchar (1) NOT NULL	N	Set to default.
Contacts	Billing	NO_MATCHING_VALUE	Varchar (1) NOT NULL	N	Set to default.
Contacts	PrimaryInd	NO_MATCHING_VALUE	Varchar (1) NOT NULL	N	If Payment Address (S_PMT_ADDR_CD) is D (Default), set to Y . Otherwise, set to N . If Primary Address Code was provided at runtime and that code is the current address code (ADDR_DC), set to Y .
Contacts	ContactStatus	NO_MATCHING_VALUE	Varchar (10)		Set to A . Look up value in CONTACTSTATUS.CODE.
Contacts	CreateUser		Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used. Only the first 20 characters of the Revision_History_User value will be used.
Contacts	CreateDate		Date/time (8)	Integration processing date	
Contacts	ModUser		Varchar (20)	DeltekConnector	Revision_History_User setting in the CP2CRM properties file. If the Revision_History_User property is empty then "DeltekConnector" will be used.

GovWin Capture Management Table	GovWin Capture Management Column	Costpoint Column	GovWin Capture Management Data Type and Length	Default Value	Source Input/Notes
					Only the first 20 characters of the Revision_History_User value will be used.
Contacts	ModDate		Date/time (8)	Integration processing date	
Contacts	Addressee	NO_MATCHING_VALUE	Varchar (50)		Leave null on insert. Retain GovWin Capture Management value on update.
Contacts	Preferred Name	NO_MATCHING_VALUE	Varchar (60)		Leave null on insert. Retain GovWin Capture Management value on update.
AuditTrail	AuditID	NO MATCH			When audit trail has been enabled, an audit trail record is created when a record is added or updated.
AuditTrail	ModUser				When audit trail has been enabled, the ModUser column will be populated with the value from the Revision_History_User parameter in the CP2GovWinCRM properties file. If no value is provided then "DeltekConnector" will be used.
AuditTrail	ModDate				When audit trail has been enabled, the ModDate column will be populated with the date the integration was processed.

Project to WBS Mapping

This section provides additional detail on using project-level mapping and its effect on the project structure in GovWin Capture Management.

GovWin Capture Management supports two options for the project structure: free form and zero-filled. If you use free form, the integration package will perform no special validation of the structure. However, if you select the zero-fill option in any of the WBS levels, the program will enforce that structure. With this option, you specify the length of each segment in a given WBS level, and the application validates that the delimiters are in the correct position and that the segments are the correct length.

If you select the **Use Project Level Mapping** check box, the program will create rows for all Costpoint levels assigned to WBS1. In other words, if four levels of the Costpoint project structure have been mapped to WBS1, there will be four entries in the associated target table. For WBS2 and WBS3, only one row will be created for each when the structure is complete. For instance, if Costpoint levels 5 and 6 are mapped to WBS2, no row will be created for the Costpoint level 5 project ID; the row will be created for the level 6 project, and WBS2 will contain the value for the level 5 and level 6 segment separated by the delimiter. WBS3 is handled the same way.

To determine the appropriate level mapping, the program uses the top level (that is, the first segment) of the project to look up the mapping definition. If level mapping has been defined for the project, these rules will be applied. If no specific mapping definition is found and no **Default Project ID** has been provided, the record will be rejected. If you specified a default, the program will use that top-level project ID to look up the mapping. If no mapping is found for the default project, the record will be rejected; otherwise, the default mapping rules are applied.

A period will be used as the delimiter between segments if more than one level is assigned to a WBS level. If no segments are assigned to WBS2 or WBS3, they will be set to a single space.

If you select the **Use Project Level Mapping** check box and the zero-fill option is in effect, the program will also validate that the correct number of segments has been mapped to the given WBS level.

Element Exclusion

With element-level exclusion, you can prevent certain data element values from being inserted or updated during the integration process. If you exclude an element value on an insert, the default value for that element will be used. If you exclude an element value on an update, the existing value in the target database will remain unchanged. However, if this value does not exist, the default will be used.

It is also important to note that some key data elements can be excluded on updates, but not on inserts.

The following is a complete listing of elements that can be excluded.

Customer Data

Customer Basic

Element	Excludable on Insert?	Excludable on Update?
Name	No	Yes
Type	No	Yes
Memo	Yes	Yes

Customer Address

Element	Excludable on Insert?	Excludable on Update?
Address1	Yes	Yes
Address2	Yes	Yes
Address3	Yes	Yes
City	Yes	Yes
State	Yes	Yes
ZIP	Yes	Yes
Country	Yes	Yes
Phone	Yes	Yes
FAX	Yes	Yes
Billing	Yes	Yes

Customer Contacts

Element	Excludable on Insert?	Excludable on Update?
LastName	Yes	Yes
FirstName	Yes	Yes
Title	Yes	Yes

Element	Excludable on Insert?	Excludable on Update?
Address1	Yes	Yes
Address2	Yes	Yes
Address3	Yes	Yes
City	Yes	Yes
State	Yes	Yes
ZIP	Yes	Yes
Country	Yes	Yes
Phone	Yes	Yes
Fax	Yes	Yes
Pager	Yes	Yes
CellPhone	Yes	Yes
HomePhone	Yes	Yes
Memo	Yes	Yes

Employee Data

Employee Basic

Element	Excludable on Insert?	Excludable on Update?
LastName	No	Yes
FirstName	Yes	Yes
MiddleName	Yes	Yes
JobCostType	Yes	Yes
HireDate	Yes	Yes
Org	Yes	Yes
BillingCategory	Yes	Yes
SSN	Yes	Yes
Address1	Yes	Yes
Address2	Yes	Yes
Address3	Yes	Yes
City	Yes	Yes
State	Yes	Yes
ZIP	Yes	Yes

Element	Excludable on Insert?	Excludable on Update?
Country	Yes	Yes
HomePhone	Yes	Yes
Fax	Yes	Yes
EMail	Yes	Yes
PayType	Yes	Yes
ProvCostRate	Yes	Yes
Salutation	Yes	Yes
Suffix	Yes	Yes
Title	Yes	Yes
ConsultantInd	Yes	Yes
Supervisor	Yes	Yes
WorkPhone	Yes	Yes
WorkPhoneExt	Yes	Yes
PreferredName	Yes	Yes

Employee Degree

Element	Excludable on Insert?	Excludable on Update?
Specialty	No	Yes
Institution	No	Yes
YearEarned	No	Yes

Employee Professional Organizations

Element	Excludable on Insert?	Excludable on Update?
custAffiliation	No	Yes
custNotes	Yes	Yes

Lookup Data

Employee Skill

Element	Excludable on Insert?	Excludable on Update?
Description	No	Yes

Employee Degree

Element	Excludable on Insert?	Excludable on Update?
Description	No	Yes

Client Type

Element	Excludable on Insert?	Excludable on Update?
Description	No	Yes

Project Type

Element	Excludable on Insert?	Excludable on Update?
Description	No	Yes

Organization Data

Org Config

Element	Excludable on Insert?	Excludable on Update?
Label	No	Yes

Org Basic

Element	Excludable on Insert?	Excludable on Update?
Name	No	Yes

Project Data

Project Basic

Element	Excludable on Insert?	Excludable on Update?
Name	No	Yes
ProjMgr	Yes	Yes
ClientID	Yes	Yes
Status	No	Yes
Org	Yes	Yes
StartDate	Yes	Yes
LongName	Yes	Yes
Address1	Yes	Yes
Address2	Yes	Yes

Element	Excludable on Insert?	Excludable on Update?
Address3	Yes	Yes
City	Yes	Yes
State	Yes	Yes
Zip	Yes	Yes
County	Yes	Yes
Country	Yes	Yes
ProjectType	No	Yes
ActCompletion Date	Yes	Yes
ContractDate	Yes	Yes

Project Modifications (Contract Modifications)

Element	Excludable on Insert?	Excludable on Update?
custNotes	Yes	Yes

Project Custom

Element	Excludable on Insert?	Excludable on Update?
custPONumber	Yes	Yes
custSubContractNumber	Yes	Yes

Project Government Info

Element	Excludable on Insert?	Excludable on Update?
custCOName	Yes	Yes
custPCOName	Yes	Yes
custACOName	Yes	Yes
custACOPhoneid	Yes	
custACOFaxid	Yes	Yes
custContractStartMM	Yes	Yes
custContractStartDD	Yes	Yes
custContractEndMM	Yes	Yes
custContractEndDD	Yes	Yes
custContRepName	Yes	Yes
custContRepTitle	Yes	Yes

Element	Excludable on Insert?	Excludable on Update?
custContRepPhoneID	Yes	Yes
custContRepFaxid	Yes	Yes
custDMSDPSCD	Yes	Yes
custFundSrceDesc	Yes	Yes
custStmntOfWork	Yes	Yes

Vendor Data

Vendor Basic

Element	Excludable on Insert?	Excludable on Update?
Name	No	Yes
SortName	No	Yes
Status	Yes	Yes
Req1099	Yes	Yes
FedID	Yes	Yes
Memo	Yes	Yes
DisadvBusiness	Yes	Yes
SmallBusiness	Yes	Yes
HBCU	Yes	Yes
WomanOwned	Yes	Yes
VetOwnedSmall Business	Yes	Yes
DisabledVetOwnedSmallBusiness	Yes	Yes
custVendApprvlCode	Yes	Yes
custCertificationNumber	Yes	Yes
custCertificationDate	Yes	Yes
custHUBZoneQualified	Yes	Yes
custDefaultSize	Yes	Yes

Vendor Address

Element	Excludable on Insert?	Excludable on Update?
Address1	Yes	Yes

Element	Excludable on Insert?	Excludable on Update?
Address2	Yes	Yes
Address3	Yes	Yes
City	Yes	Yes
State	Yes	Yes
ZIP	Yes	Yes
Country	Yes	Yes
Phone	Yes	Yes
Fax	Yes	Yes

Vendor Contact

Element	Excludable on Insert?	Excludable on Update?
LastName	Yes	Yes
FirstName	Yes	Yes
Title	Yes	Yes
Address1	Yes	Yes
Address2	Yes	Yes
Address3	Yes	Yes
City	Yes	Yes
State	Yes	Yes
ZIP	Yes	Yes
Country	Yes	Yes
Phone	Yes	Yes
Fax	Yes	Yes
CellPhone	Yes	Yes
Memo	Yes	Yes

Element Value Mapping


The fields listed in this section support element value mapping.

Costpoint – GovWin Capture Management

Element ID	Description
CLTYPE	Client Type
EMEMPLOYEE	Employee Identifier
COUNTRY	Country Identifier
EMPREFIX	Employee Salutation
E MSKILLLEVEL	Employee Skill Level
EMSUFFIX	Employee Suffix
PRREVEFORMULA	Project Revenue Formula
PRTYPE	Project Type

GovWin Capture Management – Costpoint

Element ID	Description
PROJTYPE	Project Type
EMPLID	Employee Identifier
CUSTTYPE	Customer Type

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