

# Deltek Costpoint® 7.1.1

Database Changes

System JAR 39 to System JAR 40

**April 26, 2018**

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# Costpoint 7.1.1 System JAR 39 to Costpoint 7.1.1 System JAR 40 Database Changes

This section includes the changes made to the Costpoint database from Version 7.1.1 System JAR 039 to Version 7.1.1 System JAR 040.

## Transaction Schema

### Tables Added

Table Name
CLOUD_PRODUCT_VERSIONS
CT_SUBC_CERTIFICATIONS
CT_SUBC_SKILLS
CT_SUBC_TRAININGS
EMPL_LV_ACCRL_PAID_FAM_LV
SUBC_CERTIFICATIONS
S_PAID_FAM_LV
S_SUTA_ADJ_RSN_CD

### Tables Dropped

Table Name
Z_LDPCLHF_EMPL
Z_LDPCLHF_EMPL_LVTYPE
Z_LDPCLHF_ERROR
Z_LDPCLHF_EXCESS
Z_LDPCLHF_KEYS
Z_LDPCLHF_ORG_MAP
Z_LDPCLHF_TSTEMP
Z_LDPCLHF_WORK_JNL

## Columns Added

Table Name	Column Name
CLOUD_BASIC_INFORMATION	OFF_BOARDING_FL
CLOUD_BASIC_INFORMATION	ORDER_DATE
CLOUD_BASIC_INFORMATION	ORDER_DATE_FL
CLOUD_BASIC_INFORMATION	ORDER_NO
CLOUD_BASIC_INFORMATION	PRODUCTION_FL
CLOUD_PRODUCT_VERSIONS	CURRENT_VERSION
CLOUD_PRODUCT_VERSIONS	MODIFIED_BY
CLOUD_PRODUCT_VERSIONS	PRODUCT
CLOUD_PRODUCT_VERSIONS	ROWVERSION
CLOUD_PRODUCT_VERSIONS	TIME_STAMP
CT_SUBC_CERTIFICATIONS	CERTIFICATION_ID
CT_SUBC_CERTIFICATIONS	CERT_YRS_NO
CT_SUBC_CERTIFICATIONS	COMPANY_ID
CT_SUBC_CERTIFICATIONS	CT_VEND_EMPL_CERT_KEY
CT_SUBC_CERTIFICATIONS	EXPIRATION_DT
CT_SUBC_CERTIFICATIONS	LAST_RENEWAL_DT
CT_SUBC_CERTIFICATIONS	LICENSE_NO
CT_SUBC_CERTIFICATIONS	MAIL_STATE_DC
CT_SUBC_CERTIFICATIONS	MODIFIED_BY
CT_SUBC_CERTIFICATIONS	PROF_ORG_ID
CT_SUBC_CERTIFICATIONS	ROWVERSION
CT_SUBC_CERTIFICATIONS	TIME_STAMP
CT_SUBC_CERTIFICATIONS	VEND_EMPL_ID
CT_SUBC_CERTIFICATIONS	VEND_PROSPECT_ID
CT_SUBC_SKILLS	COMPANY_ID

Table Name	Column Name
CT_SUBC_SKILLS	COMPLETE_DT
CT_SUBC_SKILLS	EXPIRY_DT
CT_SUBC_SKILLS	LAST_RENEW_DT
CT_SUBC_SKILLS	MODIFIED_BY
CT_SUBC_SKILLS	ROWVERSION
CT_SUBC_SKILLS	SKILL_ID
CT_SUBC_SKILLS	SKILL_LVL_CD
CT_SUBC_SKILLS	SKILL_YR_NO
CT_SUBC_SKILLS	TIME_STAMP
CT_SUBC_SKILLS	VEND_EMPL_ID
CT_SUBC_SKILLS	VEND_PROSPECT_ID
CT_SUBC_TRAININGS	COMPANY_ID
CT_SUBC_TRAININGS	END_DT
CT_SUBC_TRAININGS	EXPIRY_DT
CT_SUBC_TRAININGS	LAST_RENEW_DT
CT_SUBC_TRAININGS	MODIFIED_BY
CT_SUBC_TRAININGS	ROWVERSION
CT_SUBC_TRAININGS	START_DT
CT_SUBC_TRAININGS	S_INT_EXT_CD
CT_SUBC_TRAININGS	TIME_STAMP
CT_SUBC_TRAININGS	TRAIN_CEU_CRED
CT_SUBC_TRAININGS	TRAIN_ID
CT_SUBC_TRAININGS	TRAIN_SRCE_ID
CT_SUBC_TRAININGS	TRAIN_YR_NO
CT_SUBC_TRAININGS	VEND_EMPL_ID

Table Name	Column Name
CT_SUBC_TRAININGS	VEND_PROSPECT_ID
EMPL_LV_ACCRL_PAID_FAM_LV	ACCRUAL_DT
EMPL_LV_ACCRL_PAID_FAM_LV	AVG_HOURLY_AMT
EMPL_LV_ACCRL_PAID_FAM_LV	AVG_WEEKLY_HRS
EMPL_LV_ACCRL_PAID_FAM_LV	AVG_WEEKLY_WAGE_AMT
EMPL_LV_ACCRL_PAID_FAM_LV	EFFECT_DT
EMPL_LV_ACCRL_PAID_FAM_LV	EMPL_ID
EMPL_LV_ACCRL_PAID_FAM_LV	END_DT
EMPL_LV_ACCRL_PAID_FAM_LV	JURISDICTION
EMPL_LV_ACCRL_PAID_FAM_LV	LV_TYPE_CD
EMPL_LV_ACCRL_PAID_FAM_LV	MODIFIED_BY
EMPL_LV_ACCRL_PAID_FAM_LV	OVRD_ACCRL_RT_HRS
EMPL_LV_ACCRL_PAID_FAM_LV	ROWVERSION
EMPL_LV_ACCRL_PAID_FAM_LV	TIME_STAMP
GL_CONFIG	BSR_NET_FL
INVT_TRN	ORG_ID
LV_MOD_TBL	PROJ_LOWER_LVL_FL
LV_TABLE_SCH	PD_ACCRUAL_CEIL_AMT
LV_TABLE_SCH	YR_ACCRUAL_CEIL_AMT
LV_TYPE	ACCRUAL_CEIL_MTHD_CD
LV_TYPE	CEIL_TIMING_CD
LV_TYPE	PAID_FAM_LV_FL
LV_TYPE	PAID_FAM_LV_PAY_TYPE
LV_TYPE	TRACK_LOST_FL
MO_ROUTING_COMP	COMP_CHANGED_FL

Table Name	Column Name
SUBC_CERTIFICATIONS	CERTIFICATION_ID
SUBC_CERTIFICATIONS	CERT_YRS_NO
SUBC_CERTIFICATIONS	COMPANY_ID
SUBC_CERTIFICATIONS	EXPIRATION_DT
SUBC_CERTIFICATIONS	LAST_RENEWAL_DT
SUBC_CERTIFICATIONS	LICENSE_NO
SUBC_CERTIFICATIONS	MAIL_STATE_DC
SUBC_CERTIFICATIONS	MODIFIED_BY
SUBC_CERTIFICATIONS	PROF_ORG_ID
SUBC_CERTIFICATIONS	ROWVERSION
SUBC_CERTIFICATIONS	TIME_STAMP
SUBC_CERTIFICATIONS	VEND_EMPL_CERT_KEY
SUBC_CERTIFICATIONS	VEND_EMPL_ID
SUBC_CERTIFICATIONS	VEND_ID
SUTA_QTR_RPT_DATA	ADJ_RSN_CD
SUTA_QTR_RPT_DATA	ADJ_RSN_NOTE
S_PAID_FAM_LV	CITYSTATE_CD
S_PAID_FAM_LV	HRLY_CHARGING_FL
S_PAID_FAM_LV	MODIFIED_BY
S_PAID_FAM_LV	ROWVERSION
S_PAID_FAM_LV	TIME_STAMP
S_SUTA_ADJ_RSN_CD	MODIFIED_BY
S_SUTA_ADJ_RSN_CD	ROWVERSION
S_SUTA_ADJ_RSN_CD	SUTA_ADJ_RSN_CD
S_SUTA_ADJ_RSN_CD	SUTA_ADJ_RSN_DESC



Table Name	Column Name
S_SUTA_ADJ_RSN_CD	TIME_STAMP
TS_LN	PAID_FAM_LV_CD
TS_LN	PAID_FAM_LV_REF_KEY
TS_LN_HS	PAID_FAM_LV_CD
TS_LN_HS	PAID_FAM_LV_REF_KEY
X_Z_AOPUTLTS_TS1	PAID_FAM_LV_CD
X_Z_AOPUTLTS_TS2	PAID_FAM_LV_CD
X_Z_AOPUTLTS_TS3	PAID_FAM_LV_CD
Z_IN_ABC	ABC_LOCK_FL
Z_LDPLDJ_GL_DETL	PAID_FAM_LV_CD
Z_LDPLDJ_LV_HIST	PAID_FAM_LV_CD
Z_LDPLYCLS	PAID_FAM_LV_FL

### Columns Dropped

Table Name	Column Name
Z_LDPCLHF_EMPL	EMPL_ID
Z_LDPCLHF_EMPL	HOME_ORG_ID
Z_LDPCLHF_EMPL	HRLY_AMT
Z_LDPCLHF_EMPL	LAST_FIRST_NAME
Z_LDPCLHF_EMPL	ORIG_HIRE_DTT
Z_LDPCLHF_EMPL	RATE_GRP_ID
Z_LDPCLHF_EMPL	S_HRLY_SAL_CD
Z_LDPCLHF_EMPL	TRN_CRNCY_CD
Z_LDPCLHF_EMPL	TRN_CRNCY_DT
Z_LDPCLHF_EMPL_LVTYPE	ACCRL_ACCT_ID
Z_LDPCLHF_EMPL_LVTYPE	ACCRL_ORG_ID

Table Name	Column Name
Z_LDPCLHF_EMPL_LVTYPE	ACCRL_PROJ_ID
Z_LDPCLHF_EMPL_LVTYPE	BASE_HRS_FL
Z_LDPCLHF_EMPL_LVTYPE	EMPL_CRNCY_CD
Z_LDPCLHF_EMPL_LVTYPE	EMPL_ID
Z_LDPCLHF_EMPL_LVTYPE	EXPNS_ACCT_ID
Z_LDPCLHF_EMPL_LVTYPE	EXPNS_ORG_ID
Z_LDPCLHF_EMPL_LVTYPE	EXPNS_PROJ_ID
Z_LDPCLHF_EMPL_LVTYPE	HOME_ORG_ID
Z_LDPCLHF_EMPL_LVTYPE	HRLY_AMT
Z_LDPCLHF_EMPL_LVTYPE	LAST_FIRST_NAME
Z_LDPCLHF_EMPL_LVTYPE	LVTP_CRNCY_CD
Z_LDPCLHF_EMPL_LVTYPE	LV_CD
Z_LDPCLHF_EMPL_LVTYPE	LV_DEFER_DAYS_NO
Z_LDPCLHF_EMPL_LVTYPE	LV_HIRE_DT
Z_LDPCLHF_EMPL_LVTYPE	LV_MOD_CD
Z_LDPCLHF_EMPL_LVTYPE	LV_TYPE_CD
Z_LDPCLHF_EMPL_LVTYPE	LV_USED_ACCRL_FL
Z_LDPCLHF_EMPL_LVTYPE	ORIG_HIRE_DTT
Z_LDPCLHF_EMPL_LVTYPE	PAYOUT_LV_CD
Z_LDPCLHF_EMPL_LVTYPE	PAYOUT_LV_TYPE_CD
Z_LDPCLHF_EMPL_LVTYPE	PAY_EXCESS_FL
Z_LDPCLHF_EMPL_LVTYPE	RATE_GRP_ID
Z_LDPCLHF_EMPL_LVTYPE	ROWVERSION
Z_LDPCLHF_EMPL_LVTYPE	S_DOL_V_HRS_CD
Z_LDPCLHF_EMPL_LVTYPE	S_HRLY_SAL_CD

Table Name	Column Name
Z_LDPCLHF_EMPL_LVTYPE	S_LV_CEIL_MTHD_CD
Z_LDPCLHF_EMPL_LVTYPE	S_LV_DEFER_BASE_CD
Z_LDPCLHF_EMPL_LVTYPE	TRN_CRNCY_DT
Z_LDPCLHF_EMPL_LVTYPE	YEAR_OPTION_CD
Z_LDPCLHF_ERROR	EMPL_ID
Z_LDPCLHF_ERROR	EMPL_NAME
Z_LDPCLHF_ERROR	ERROR_WARNING
Z_LDPCLHF_ERROR	MODIFIED_BY
Z_LDPCLHF_ERROR	ROWVERSION
Z_LDPCLHF_ERROR	TIME_STAMP
Z_LDPCLHF_ERROR	X_CONTENTS_S
Z_LDPCLHF_ERROR	X_ERROR_MSG_S
Z_LDPCLHF_ERROR	X_FIELD_NAME_S
Z_LDPCLHF_ERROR	X_RECORD_NO
Z_LDPCLHF_EXCESS	ANNIV_CEIL
Z_LDPCLHF_EXCESS	BEG_BAL_HRS
Z_LDPCLHF_EXCESS	EMPL_ID
Z_LDPCLHF_EXCESS	EMPL_NAME
Z_LDPCLHF_EXCESS	LV_PAYOUT_CD
Z_LDPCLHF_EXCESS	LV_PAYOUT_TP
Z_LDPCLHF_EXCESS	LV_PD_CD
Z_LDPCLHF_EXCESS	LV_TYPE_CD
Z_LDPCLHF_EXCESS	S_DOL_V_HRS_CD
Z_LDPCLHF_EXCESS	YTD_ACCR_HRS
Z_LDPCLHF_EXCESS	YTD_USD_HRS

Table Name	Column Name
Z_LDPCLHF_KEYS	KEY_CHAR_1
Z_LDPCLHF_KEYS	KEY_CHAR_10
Z_LDPCLHF_KEYS	KEY_CHAR_2
Z_LDPCLHF_KEYS	KEY_CHAR_3
Z_LDPCLHF_KEYS	KEY_CHAR_4
Z_LDPCLHF_KEYS	KEY_CHAR_5
Z_LDPCLHF_KEYS	KEY_CHAR_6
Z_LDPCLHF_KEYS	KEY_CHAR_7
Z_LDPCLHF_KEYS	KEY_CHAR_8
Z_LDPCLHF_KEYS	KEY_CHAR_9
Z_LDPCLHF_KEYS	KEY_DATE_1
Z_LDPCLHF_KEYS	KEY_DATE_2
Z_LDPCLHF_KEYS	KEY_DATE_3
Z_LDPCLHF_KEYS	KEY_DATE_4
Z_LDPCLHF_KEYS	KEY_DEC_1
Z_LDPCLHF_KEYS	KEY_DEC_2
Z_LDPCLHF_KEYS	KEY_DEC_3
Z_LDPCLHF_KEYS	KEY_DEC_4
Z_LDPCLHF_KEYS	KEY_INT_1
Z_LDPCLHF_KEYS	KEY_INT_2
Z_LDPCLHF_KEYS	KEY_INT_3
Z_LDPCLHF_KEYS	KEY_INT_4
Z_LDPCLHF_KEYS	KEY_INT_5
Z_LDPCLHF_KEYS	MODIFIED_BY
Z_LDPCLHF_KEYS	ROWVERSION

Table Name	Column Name
Z_LDPCLHF_KEYS	SEQ_NO
Z_LDPCLHF_KEYS	TIME_STAMP
Z_LDPCLHF_KEYS	TS_STATUS_CD
Z_LDPCLHF_ORG_MAP	BS_ORG
Z_LDPCLHF_ORG_MAP	ORG_ID
Z_LDPCLHF_ORG_MAP	ORG_LENGTH
Z_LDPCLHF_ORG_MAP	ROWVERSION
Z_LDPCLHF_ORG_MAP	TOP_ORG
Z_LDPCLHF_TSTEMP	ACCT_ID
Z_LDPCLHF_TSTEMP	CHG_HRS
Z_LDPCLHF_TSTEMP	EMPL_ID
Z_LDPCLHF_TSTEMP	EUR_TO_FUNC_RT
Z_LDPCLHF_TSTEMP	LAB_LOC_CD
Z_LDPCLHF_TSTEMP	PAYTYPE_OT_FL
Z_LDPCLHF_TSTEMP	PAY_TYPE
Z_LDPCLHF_TSTEMP	RATE_GRP_ID
Z_LDPCLHF_TSTEMP	ROWVERSION
Z_LDPCLHF_TSTEMP	S_HRLY_SAL_CD
Z_LDPCLHF_TSTEMP	S_TS_LN_TYPE_CD
Z_LDPCLHF_TSTEMP	S_TS_TYPE_CD
Z_LDPCLHF_TSTEMP	TRN_CRNCY_CD
Z_LDPCLHF_TSTEMP	TRN_CRNCY_DT
Z_LDPCLHF_TSTEMP	TRN_TO_EUR_RT
Z_LDPCLHF_TSTEMP	TRN_TO_EUR_RT_FL
Z_LDPCLHF_TSTEMP	TS_DTT

Table Name	Column Name
Z_LDPCLHF_TSTEMP	TS_HDR_SEQ_NO
Z_LDPCLHF_TSTEMP	TS_STATUS_CD
Z_LDPCLHF_WORK_JNL	ACCRL_ACCT_ID
Z_LDPCLHF_WORK_JNL	ACCRL_ORG_ID
Z_LDPCLHF_WORK_JNL	ACCRL_PROJ_ID
Z_LDPCLHF_WORK_JNL	BASIS_OT_HRS
Z_LDPCLHF_WORK_JNL	BASIS_REG_HRS
Z_LDPCLHF_WORK_JNL	DEF_ACT_FL
Z_LDPCLHF_WORK_JNL	EDIT_USER_ID
Z_LDPCLHF_WORK_JNL	EMPL_ID
Z_LDPCLHF_WORK_JNL	EMPL_NAME
Z_LDPCLHF_WORK_JNL	EUR_TO_FUNC_RT
Z_LDPCLHF_WORK_JNL	EXPNS_ACCT_ID
Z_LDPCLHF_WORK_JNL	EXPNS_ORG_ID
Z_LDPCLHF_WORK_JNL	EXPNS_PROJ_ID
Z_LDPCLHF_WORK_JNL	FY_CD
Z_LDPCLHF_WORK_JNL	HOME_ORG_ID
Z_LDPCLHF_WORK_JNL	LV_ACCRD_AMT
Z_LDPCLHF_WORK_JNL	LV_ACCRD_HRS
Z_LDPCLHF_WORK_JNL	LV_CD
Z_LDPCLHF_WORK_JNL	LV_DFR_AMT
Z_LDPCLHF_WORK_JNL	LV_DFR_HRS
Z_LDPCLHF_WORK_JNL	LV_FUTURE1_AMT
Z_LDPCLHF_WORK_JNL	LV_FUTURE1_HRS
Z_LDPCLHF_WORK_JNL	LV_HIRE_DT

Table Name	Column Name
Z_LDPCLHF_WORK_JNL	LV_LOST_AMT
Z_LDPCLHF_WORK_JNL	LV_LOST_HRS
Z_LDPCLHF_WORK_JNL	LV_PD_CD
Z_LDPCLHF_WORK_JNL	LV_PD_END_DT
Z_LDPCLHF_WORK_JNL	LV_PD_START_DT
Z_LDPCLHF_WORK_JNL	LV_TYPE_CD
Z_LDPCLHF_WORK_JNL	LV_YR_NO
Z_LDPCLHF_WORK_JNL	MODIFIED_BY
Z_LDPCLHF_WORK_JNL	ORIG_HIRE_DT
Z_LDPCLHF_WORK_JNL	PD_NO
Z_LDPCLHF_WORK_JNL	POST_SEQ_NO
Z_LDPCLHF_WORK_JNL	PREV_ACCRD_AMT
Z_LDPCLHF_WORK_JNL	PREV_DFR_AMT
Z_LDPCLHF_WORK_JNL	PREV_DFR_HRS
Z_LDPCLHF_WORK_JNL	RATE_GRP_ID
Z_LDPCLHF_WORK_JNL	REC_TYPE
Z_LDPCLHF_WORK_JNL	ROWVERSION
Z_LDPCLHF_WORK_JNL	SUB_PD_NO
Z_LDPCLHF_WORK_JNL	S_DOL_V_HRS_CD
Z_LDPCLHF_WORK_JNL	S_LV_CEIL_MTHD_CD
Z_LDPCLHF_WORK_JNL	S_LV_CMPUT_MTHD_CD
Z_LDPCLHF_WORK_JNL	TIME_STAMP
Z_LDPCLHF_WORK_JNL	TRN_ACCRD_AMT
Z_LDPCLHF_WORK_JNL	TRN_CRNCY_CD
Z_LDPCLHF_WORK_JNL	TRN_CRNCY_DT

Table Name	Column Name
Z_LDPCLHF_WORK_JNL	TRN_DESC
Z_LDPCLHF_WORK_JNL	TRN_DFR_AMT
Z_LDPCLHF_WORK_JNL	TRN_EXCH_RT
Z_LDPCLHF_WORK_JNL	TRN_LOST_AMT
Z_LDPCLHF_WORK_JNL	TRN_TO_EUR_RT
Z_LDPCLHF_WORK_JNL	TRN_TO_EUR_RT_FL

### Columns Modified

Table Name	Column Name	Change
Z_PJPCOMPP_BASE_1	CUR_AMT	COLUMN SCALE
Z_PJPCOMPP_BASE_1	YTD_AMT	COLUMN SCALE
Z_PJPCOMPP_BASE_S	CUR_AMT	COLUMN SCALE
Z_PJPCOMPP_BASE_S	YTD_AMT	COLUMN SCALE
Z_POOL_SIE_ACCUM	CUR_BASE_AMT	COLUMN SCALE
Z_POOL_SIE_ACCUM	YTD_BASE_AMT	COLUMN SCALE

### Foreign Keys Added

Child Table	Foreign Key Name	Parent Table
CT_SUBC_CERTIFICATIONS	FK_CTSUBCCERTIFICATIONS_PR_IDX	PROF_ORG
CT_SUBC_CERTIFICATIONS	FK_CTSUBCCERTIFICATIONS_VC_IDX	CT_VEND_EMPL
CT_SUBC_SKILLS	FK_CT_SUBC_SKILLS_SK_IDX	SKILL
CT_SUBC_SKILLS	FK_CT_SUBC_SKILLS_SL_IDX	H_SKILL_LVL
CT_SUBC_SKILLS	FK_CT_SUBC_SKILLS_VECO_IDX	CT_VEND_EMPL
CT_SUBC_TRAININGS	FK_CT_SUBC_TRAININGS_TI_IDX	TRAINING
CT_SUBC_TRAININGS	FK_CT_SUBC_TRAININGS_TR_IDX	TRAINING_SRCE



Child Table	Foreign Key Name	Parent Table
CT_SUBC_TRAININGS	FK_CT_SUBC_TRAININGS_VECO_IDX	CT_VEND_EMPL
EMPL_LV_ACCRL_PAID_FAM_LV	FK_EMPLLVACCRLPAIDFAMLV_EL_IDX	EMPL_LV_ACCRL
LV_TYPE	FK_LV_TYPE_PA_IDX	PAY_TYPE
SUBC_CERTIFICATIONS	FK_SUBC_CERTIFICATIONS_PR_IDX	PROF_ORG
SUBC_CERTIFICATIONS	FK_SUBC_CERTIFICATIONS_VC_IDX	VEND_EMPL

### Primary Keys Added

Table Name	Constraint Name
CLOUD_PRODUCT_VERSIONS	PK_CLOUD_PRODUCT_VERSIONS_IDX
CT_SUBC_CERTIFICATIONS	PK_CT_SUBC_CERTIFICATIONS_IDX
CT_SUBC_SKILLS	PK_CT_SUBC_SKILLS_IDX
CT_SUBC_TRAININGS	PK_CT_SUBC_TRAININGS_IDX
EMPL_LV_ACCRL_PAID_FAM_LV	PK_EMPL_LV_ACCRL_PAIDFAMLV_IDX
SUBC_CERTIFICATIONS	PK_SUBC_CERTIFICATIONS_IDX
S_PAID_FAM_LV	PK_S_PAID_FAM_LV_IDX
S_SUTA_ADJ_RSN_CD	PK_S_SUTA_ADJ_RSN_CD_IDX

### Indexes Added

Index Name	Table Name	Column Name	Column Sequence
PK_CLOUD_PRODUC T_VERSIONS_IDX	CLOUD_PRODUCT_VE RSIONS	PRODUCT	1
PK_CLOUD_PRODUC T_VERSIONS_IDX	CLOUD_PRODUCT_VE RSIONS	CURRENT_VERSION	2
PK_CT_SUBC_CERT IFICATIONS_IDX	CT_SUBC_CERTIFICATI ONS	CT_VEND_EMPL_CERT_ KEY	1

Index Name	Table Name	Column Name	Column Sequence
PK_CT_SUBC_CERTIFICATIONS_IDX	CT_SUBC_CERTIFICATIONS	VEND_EMPL_ID	2
PK_CT_SUBC_CERTIFICATIONS_IDX	CT_SUBC_CERTIFICATIONS	VEND_PROSPECT_ID	3
PK_CT_SUBC_CERTIFICATIONS_IDX	CT_SUBC_CERTIFICATIONS	COMPANY_ID	4
PK_CT_SUBC_SKILLS_IDX	CT_SUBC_SKILLS	VEND_EMPL_ID	1
PK_CT_SUBC_SKILLS_IDX	CT_SUBC_SKILLS	VEND_PROSPECT_ID	2
PK_CT_SUBC_SKILLS_IDX	CT_SUBC_SKILLS	SKILL_ID	3
PK_CT_SUBC_SKILLS_IDX	CT_SUBC_SKILLS	COMPANY_ID	4
PK_CT_SUBC_TRAININGS_IDX	CT_SUBC_TRAININGS	VEND_EMPL_ID	1
PK_CT_SUBC_TRAININGS_IDX	CT_SUBC_TRAININGS	VEND_PROSPECT_ID	2
PK_CT_SUBC_TRAININGS_IDX	CT_SUBC_TRAININGS	TRAIN_ID	3
PK_CT_SUBC_TRAININGS_IDX	CT_SUBC_TRAININGS	COMPANY_ID	4
PK_EMPL_LV_ACCR_L_PAIDFAMLV_IDX	EMPL_LV_ACCR_L_PAID_FAM_LV	EMPL_ID	1
PK_EMPL_LV_ACCR_L_PAIDFAMLV_IDX	EMPL_LV_ACCR_L_PAID_FAM_LV	LV_TYPE_CD	2
PK_EMPL_LV_ACCR_L_PAIDFAMLV_IDX	EMPL_LV_ACCR_L_PAID_FAM_LV	EFFECT_DT	3
PK_SUBC_CERTIFICATIONS_IDX	SUBC_CERTIFICATIONS	VEND_EMPL_CERT_KEY	1
PK_SUBC_CERTIFICATIONS_IDX	SUBC_CERTIFICATIONS	VEND_EMPL_ID	2
PK_SUBC_CERTIFICATIONS_IDX	SUBC_CERTIFICATIONS	VEND_ID	3

Index Name	Table Name	Column Name	Column Sequence
PK_SUBC_CERTIFICATIONS_IDX	SUBC_CERTIFICATIONS	COMPANY_ID	4
PK_S_PAID_FAM_LV_IDX	S_PAID_FAM_LV	CITYSTATE_CD	1
PK_S_SUTA_ADJ_RSN_CD_IDX	S_SUTA_ADJ_RSN_CD	SUTA_ADJ_RSN_CD	1
SYS_C001166291	DB_UPGRADE_STATUS	SEQ_NO	1

### Indexes Dropped

Index Name	Table Name	Column Name	Column Sequence
SI_1574	Z_LDPCLHF_EMPL	EMPL_ID	1
SI_1575	Z_LDPCLHF_TSTEMP	EMPL_ID	1
SI_1597	Z_LDPCLHF_KEYS	KEY_CHAR_1	1
SI_1597	Z_LDPCLHF_KEYS	KEY_DATE_1	2
SI_1597	Z_LDPCLHF_KEYS	KEY_CHAR_2	3
SI_1597	Z_LDPCLHF_KEYS	KEY_INT_1	4
SYS_C00510950	DB_UPGRADE_STATUS	SEQ_NO	1

### Admin Schema

There are no changes to the System Schema from Costpoint Version 7.1.1 System JAR 39 to Costpoint Version 7.1.1 System JAR 40.

### System Schema

There are no changes to the System Schema from Costpoint Version 7.1.1 System JAR 39 to Costpoint Version 7.1.1 System JAR 40.

## Appendix A: If You Need Assistance

If you need assistance installing, implementing, or using Costpoint, Deltek makes a wealth of information and expertise readily available to you.

### Customer Services

For over 30 years, Deltek has maintained close relationships with client firms, helping with their problems, listening to their needs, and getting to know their individual business environments. A full range of customer services has grown out of this close contact, including the following:

- Extensive self-support options through the Deltek Support Center.
- Phone and email support from Customer Care analysts
- Technical services
- Consulting services
- Custom programming
- Classroom, on-site, and Web-based training



Find out more about these and other services from the Deltek Support Center.

### Deltek Support Center

The Deltek Support Center is a support Web site for Deltek customers who purchase an Ongoing Support Plan (OSP).

The following are some of the many options that the Deltek Support Center provides:

- Search for product documentation, such as release notes, install guides, technical information, online help topics, and white papers
- Ask questions, exchange ideas, and share knowledge with other Deltek customers through the Deltek Support Center Community
- Access Cloud-specific documents and forums
- Download the latest versions of your Deltek products
- Search Deltek's knowledge base
- Submit a support case and check on its progress
- Transfer requested files to a Customer Care analyst
- Subscribe to Deltek communications about your products and services
- Receive alerts of new Deltek releases and hot fixes
- Initiate a Chat to submit a question to a Customer Care analyst online



For more information regarding Deltek Support Center, refer to the online help available from the Web site.

## Access Deltek Support Center

### To access the Deltek Support Center:

1. Go to <http://support.deltek.com>.
2. Enter your Deltek Support Center **Username** and **Password**.
3. Click **Login**.



If you forget your username or password, you can click the **Need Help?** button on the login screen for help.

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Deltek is the leading global provider of enterprise software and information solutions for government contractors, professional services firms and other project- and people-based businesses. For decades, we have delivered actionable insight that empowers our customers to unlock their business potential. 20,000 organizations and millions of users in over 80 countries around the world rely on Deltek to research and identify opportunities, win new business, recruit and develop talent, optimize resources, streamline operations and deliver more profitable projects. Deltek – Know more. Do more.®

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