

PCGenesis: Database Enhancements

GASBO
Augusta, GA
November 9, 2023

Migration to Database Technology

- We have been moving PCGenesis data to a **SQL Server** database.
- We are using a **FREE** version of SQL Server called **Microsoft SQL Server Express**.



Incremental Phased Approach

ADVANTAGES

- Minimize disruption to operations
- Provide transparency
- Quickly adjust to issues arising after a release
- Instill confidence in the project

DATA Conversion Progress

Before 2019

- 100% : Microfocus Vision Version 3 Indexed Sequential

note:

(Version 3 is no longer supported by Microfocus)

CURRENT (2023)

- 5% : Microfocus Vision Version 3 Indexed Sequential
- **95% - Microsoft SQL Server Express Relational Database**

FUTURE

- **100% - Microsoft SQL Server Express Relational Database**
- C# Front End

The major **FINANCIAL** files have been converted into SQL database tables:

- ✓ Banks
- ✓ Vendors
- ✓ Sources
- ✓ Accounts
- ✓ Audit
- ✓ Journals
- ✓ Investments
- ✓ Claims
- ✓ Purchase orders
- ✓ Receipts
- ✓ Receivables
- ✓ Control
- ✓ Asset

These major **PAYROLL** files have been converted into SQL database tables:

- ✓ Payroll File
- ✓ Gross Data
- ✓ Deductions
- ✓ Manual Checks
- ✓ Voided Checks
- ✓ SANDBOX Files
- ✓ Garnishment Data
- ✓ Taxes
- ✓ SHBP Employee Change File (EMPCHG)
- ✓ System annuity definitions (ANNUITY)
- ✓ System deduction definitions (DEDS)
- ✓ GHI rates (BENEDED)
- ✓ Direct Deposit
- ✓ Personnel
- ✓ Earnings History
- ✓ Payroll Check Master
- ✓ CPI File
- ✓ Affordable Care Act
- ✓ Leave
- ✓ Enhanced Substitute Pay
- ✓ Annuities
- ✓ Payroll setup files (DATEFL, DEDCTL)
- ✓ Description Files (DESC, DESCA)
- ✓ Payroll Schedule File (PAYS)

23.04.00

December Release

The December, 2023 release will focus on legislative changes:

- W-2 changes, if any
- Any new IRS changes for ACA

Other Enhancements:

- Convert MENU file
- Add GSEPS deduction flag
- Log reports

Transaction Tracking

PCGenesis keeps permanent records of all **financial** and **payroll** transactions

- The user ID
- The name of the process
- Starting time
- Ending time
- Employee number for **payroll** transactions

Financial Transaction Tracking

Transaction Gatekeeper Log

- Retains a record of every **financial** transaction executed in the system

	TranLogID	Transaction_Log_user	Transaction_Log_process	Transaction_Log_Start_Datetime	Transaction_Log_description	Transaction_Log_End_Datetime
94	24244	KCN	JE_Post	2022-10-07 18:11:06.0628812	Completed Successfully.	2022-10-07 18:11:06.1566427
95	24243	KCN	JE_Post	2022-10-07 18:09:58.3579460	Completed Successfully.	2022-10-07 18:09:58.4360804
96	24242	KCN	JE_Post	2022-10-07 18:08:21.6929226	Completed Successfully.	2022-10-07 18:08:21.7711200
97	24241	KCN	JE_Post	2022-10-07 18:06:36.1753734	Completed Successfully.	2022-10-07 18:06:36.3003883
98	24240	KCN	JE_Post	2022-10-07 17:51:04.6638115	Completed Successfully.	2022-10-07 17:51:04.7888261
99	24239	CSA	JE_Post	2022-10-07 17:34:02.7979096	Completed Successfully.	2022-10-07 17:34:03.2510839
100	24238	CSA	Rev_Acct_Add_or_Update	2022-10-07 17:33:49.3188472	Completed Successfully.	2022-10-07 17:33:49.3344748
101	24237	CSA	Rev_Acct_Add_or_Update	2022-10-07 17:33:34.9247591	Completed Successfully.	2022-10-07 17:33:34.9560130
102	24236	CSA	Add_Updt_GL_Acct_Post	2022-10-07 17:32:52.8411359	Completed Successfully.	2022-10-07 17:32:52.9192703

Payroll Transaction Processing

Transaction EmpNo Gatekeeper Log

- Retains a record of every payroll transaction executed in the system

	TranEmpLogID	Transaction_EmpNo	Transaction_EmpLog_user	Transaction_EmpLog_process	Transaction_EmpLog_Start_Datetime	Transaction_EmpLog_description
10	2203	73156	RSS	CPICM100_Update_Cert_Data 73156	2022-10-07 15:02:15.4382841	Completed Successfully.
11	2202	53108	RSS	CPICM100_Update_Cert_Data 53108	2022-10-07 14:58:56.4791382	Completed Successfully.
12	2201	53108	RSS	CPICM100_Update_Cert_Data 53108	2022-10-07 14:58:47.8756870	Completed Successfully.
13	2200	2543	RSS	CPICM100_Update_Cert_Data 2543	2022-10-07 14:44:49.1854372	Completed Successfully.
14	2199	2543	RSS	CPICM100_Update_Cert_Data 2543	2022-10-07 14:36:32.4666237	Completed Successfully.
15	2198	0	ARM	CPICM010_Update_Cert_Type	2022-10-07 08:20:33.5759553	Completed Successfully.
16	2197	0	ARM	CPICM300_CPI_Rollover	2022-10-07 07:18:30.4294938	Completed Successfully.
17	2196	54676	JML	PAY08_Withholding_Update 54676	2022-10-03 10:41:44.1575205	Completed Successfully.
18	2195	0	JML	Update_Earnings_History	2022-09-30 07:31:05.0218798	Completed Successfully.

New Financial and Payroll Transaction log report Release 23.04:

PCG Dist= Rel=23.03.00 11/01/2023 KTM 001 SV C:\SQLSYS C:\SECOND YELLOW TRGTRPT

* * * TRANSACTION GATEKEEPER LOG REPORTING * * *

Select ('X') Report To Print

_ Transaction Financial Gatekeeper Log Report

_ Transaction Payroll Gatekeeper Log Report

Enter Report Constraints

Enter 3-character PCG User ID or Spaces for all Users: ____

Enter Date Range or Spaces for all Dates (MM/DD/CCYY): _____ thru _____

Enter Employee Number or Space for all Employees: ____ (Tran Pay Gatekeeper Log Rept only)

** Press ENTER to Continue **

ENTER ✓

F16 ←

23.04.00

REPORT DATE	11/01/2023 10:02:00	TRANSACTION PAYROLL GATEKEEPER LOG REPORT						PAGE	1
-ID-	-----START-DATE-TIME-----	-----END-DATE-TIME-----	USER	EMPNO	-----PROCESS-----	-----DESCRIPTION-----			
2716	2023-10-23 12:51:03.337	2023-10-23 12:51:03.540	QQQ	00196	PAY07_Gross_Data_Update 196	Completed Successfully.			
2715	2023-10-23 12:44:46.175	2023-10-23 12:44:46.379	QQQ	00011	PAY07_Gross_Data_Update 11	Completed Successfully.			
2714	2023-10-23 11:03:13.275	2023-10-23 11:03:13.791	QQQ	00141	PAY07_Gross_Data_Update 141	Completed Successfully.			
2713	2023-10-23 11:00:38.754	2023-10-23 11:00:39.004	QQQ	00199	CPICM100_Update_Assign_Data 199	Completed Successfully.			
2712	2023-10-23 10:07:18.497	2023-10-23 10:07:18.575	QQQ	00182	CPICM100_Update_Assign_Data 182	Completed Successfully.			
2711	2023-10-23 09:59:57.632	2023-10-23 09:59:57.694	QQQ	00182	CPICM100_Update_Assign_Data 182	Completed Successfully.			
2710	2023-10-23 09:59:50.179	2023-10-23 09:59:50.241	QQQ	00182	CPICM100_Update_Assign_Data 182	Completed Successfully.			
2709	2023-10-23 09:59:10.958	2023-10-23 09:59:11.036	QQQ	00182	CPICM100_Update_Assign_Data 182	Completed Successfully.			
2708	2023-10-23 09:30:56.380	2023-10-23 09:30:56.598	QQQ	00182	CPICM100_Update_Assign_Data 182	Completed Successfully.			
2707	2023-10-23 09:30:46.161	2023-10-23 09:30:46.801	QQQ	00182	CPICM100_Update_Cert_Data 182	Completed Successfully.			
2706	2023-10-19 16:11:52.921	2023-10-19 16:11:53.358	QQQ	00198	PAY08_Withholding_Update 198	Completed Successfully.			

Employee change log report was available release 21.01 (Report input screen coming soon)

*** Employee Record Change Log Report ***

Enter Employee Number : _____

Enter Change User : _____

Enter Date Range to be Printed. (MMDDCCYY) : _____ thru _____

** Press ENTER to Continue **

ENTER ✓

F16 ←

All additions, changes and deletions to the payroll file will be recorded to a change log that can be reported on.

For example, say you had the following scenario:

1. A new employee 5007 is added to the payroll file by user **HFF** on **2021-10-22** at **12:48:42.403**.
2. User **GGG** updates 4 fields: **Contract_Gross** , **Contract_BiWeekly_Amount** , **State_Annual_Amount** and **Local_Annual_Amount** on employee record 5007 on **2021-10-22** at **13:09:08.563**.
3. User **MMM** updates: **Emp_Status** and **Primary_Work_Location_Site** on **2021-10-25** **13:10:28.827**.

Employee Number
5007

**SUMMARY
REPORT**

Last_updated_by	last_updated_date	Log_Type	empno	Emp_name
HFF	2021-10-22 12:48:42.360	Record added	5007	KEVIN JONESWORTH
GGG	2021-10-22 13:09:08.543	Record Updated	5007	KEVIN JONESWORTH
MMM	2021-10-25 13:10:28.377	Record Updated	5007	KEVIN JONESWORTH
GGG	2021-10-26 14:05:25.010	Record Updated	5007	KEVIN JONESWORTH

DETAIL REPORT

Action_Date_time	userID	EmpNo	Action_Type	Item	New_value	Old_value
2021-10-22 12:48:42.403	HFF	5007	Record added	=====	=====	=====
2021-10-22 12:48:42.403	HFF	5007	Record added	EmpNO	5007	
2021-10-22 12:48:42.403	HFF	5007	Record added	Emp_Name	KEVIN JONESWORTH	
2021-10-22 12:48:42.403	HFF	5007	Record added	Emp_Status	T	
2021-10-22 12:48:42.403	HFF	5007	Record added	Social_Security_Number	777999444	
2021-10-22 12:48:42.403	HFF	5007	Record added	Name_Last	JONESWORTH	
2021-10-22 12:48:42.403	HFF	5007	Record added	Name_First	KEVIN	
2021-10-22 12:48:42.403	HFF	5007	Record added	Pay_Location_Site	196	
2021-10-22 12:48:42.403	HFF	5007	Record added	Primary_Work_Location_Site	8010	
2021-10-22 12:48:42.403	HFF	5007	Record added	Address_Line1	654 Kensington ST	
2021-10-22 12:48:42.403	HFF	5007	Record added	Address_City_State	SMITH, GA	
2021-10-22 12:48:42.403	HFF	5007	Record added	Address_City	BLUE CITY	
2021-10-22 12:48:42.403	HFF	5007	Record added	Address_State	GA	
2021-10-22 12:48:42.403	HFF	5007	Record added	Contract_Gross	0.00	
2021-10-22 12:48:42.403	HFF	5007	Record added	Contract_BiWeekly_Amount	0.00	
2021-10-22 12:48:42.403	HFF	5007	Record added	State_Annual_Amount	0.00	
2021-10-22 12:48:42.403	HFF	5007	Record added	Local_Annual_Amount	0.00	
2021-10-22 12:48:42.403	HFF	5007	Record added	Other_Annual_Amount	0.00	
2021-10-22 13:09:08.563	GGG	5007	Record Updated	=====	=====	=====
2021-10-22 13:09:08.563	GGG	5007	Record Updated	Contract_Gross	70000.00	0.00
2021-10-22 13:09:08.563	GGG	5007	Record Updated	Contract_BiWeekly_Amount	7000.00	0.00
2021-10-22 13:09:08.563	GGG	5007	Record Updated	State_Annual_Amount	70000.00	0.00
2021-10-22 13:09:08.563	GGG	5007	Record Updated	Local_Annual_Amount	7000.00	0.00
2021-10-25 13:10:28.827	MMM	5007	Record Updated	=====	=====	=====
2021-10-25 13:10:28.827	MMM	5007	Record Updated	Emp_Status	A	T
2021-10-25 13:10:28.827	MMM	5007	Record Updated	Primary_Work_Location_Site	196	8010
2021-10-26 14:05:25.410	GGG	5007	Record Updated	=====	=====	=====
2021-10-26 14:05:25.410	GGG	5007	Record Updated	Name_Middle	JAMES	
2021-10-26 14:05:25.410	GGG	5007	Record Updated	Pay_Location_Site	195	196
2021-10-26 14:05:25.410	GGG	5007	Record Updated	Primary_Work_Location_Site	195	196
2021-10-26 14:05:25.410	GGG	5007	Record Updated	Address_City	LAMPING	BLUE CITY
2021-10-26 14:05:25.410	GGG	5007	Record Updated	GHI_Eligible_Flag	Y	N
2021-10-26 14:05:25.410	GGG	5007	Record Updated	GHI_1st_Day_Work_Date	05/24/2021	
2021-10-26 14:05:25.410	GGG	5007	Record Updated	GHI_Coverage_Effective_Date	09/30/2021	

user GGG

SUMMARY REPORT

Last_updated_by	last_updated_date	Log_Type	empno	Emp_name
GGG	2021-10-22 13:09:08.130	Record Updated	5006	MARLA MILTON
GGG	2021-10-22 13:09:08.543	Record Updated	5007	KEVIN JONESWORTH
GGG	2021-10-26 14:05:25.010	Record Updated	5007	KEVIN JONESWORTH

DETAIL REPORT

Action_Date_time	userID	EmpNo	Action_Type	Item	New_value	Old_value
2021-10-22 13:09:08.537	GGG	5006	Record Updated	=====	=====	=====
2021-10-22 13:09:08.537	GGG	5006	Record Updated	Address_Line1	2 EAVES DRIVE	270 Burlee ST
2021-10-22 13:09:08.537	GGG	5006	Record Updated	Contract_Gross	60000.00	0.00
2021-10-22 13:09:08.537	GGG	5006	Record Updated	Contract_BiWeekly_Amount	6000.10	0.00
2021-10-22 13:09:08.537	GGG	5006	Record Updated	State_Annual_Amount	60000.00	0.00
2021-10-22 13:09:08.537	GGG	5006	Record Updated	Local_Annual_Amount	5900.50	0.00
2021-10-22 13:09:08.563	GGG	5007	Record Updated	=====	=====	=====
2021-10-22 13:09:08.563	GGG	5007	Record Updated	Contract_Gross	70000.00	0.00
2021-10-22 13:09:08.563	GGG	5007	Record Updated	Contract_BiWeekly_Amount	7000.00	0.00
2021-10-22 13:09:08.563	GGG	5007	Record Updated	State_Annual_Amount	70000.00	0.00
2021-10-22 13:09:08.563	GGG	5007	Record Updated	Local_Annual_Amount	7000.00	0.00
2021-10-26 14:05:25.410	GGG	5007	Record Updated	=====	=====	=====
2021-10-26 14:05:25.410	GGG	5007	Record Updated	Name_Middle	JAMES	
2021-10-26 14:05:25.410	GGG	5007	Record Updated	Pay_Location_Site	195	196
2021-10-26 14:05:25.410	GGG	5007	Record Updated	Primary_Work_Location_Site	195	196
2021-10-26 14:05:25.410	GGG	5007	Record Updated	Address_City	LAMPING	BLUE CITY
2021-10-26 14:05:25.410	GGG	5007	Record Updated	GHI_Eligible_Flag	Y	N
2021-10-26 14:05:25.410	GGG	5007	Record Updated	GHI_1st_Day_Work_Date	05/24/2021	
2021-10-26 14:05:25.410	GGG	5007	Record Updated	GHI_Coverage_Effective_Date	09/30/2021	

Changes made after

2021-10-22 12:59:44.613

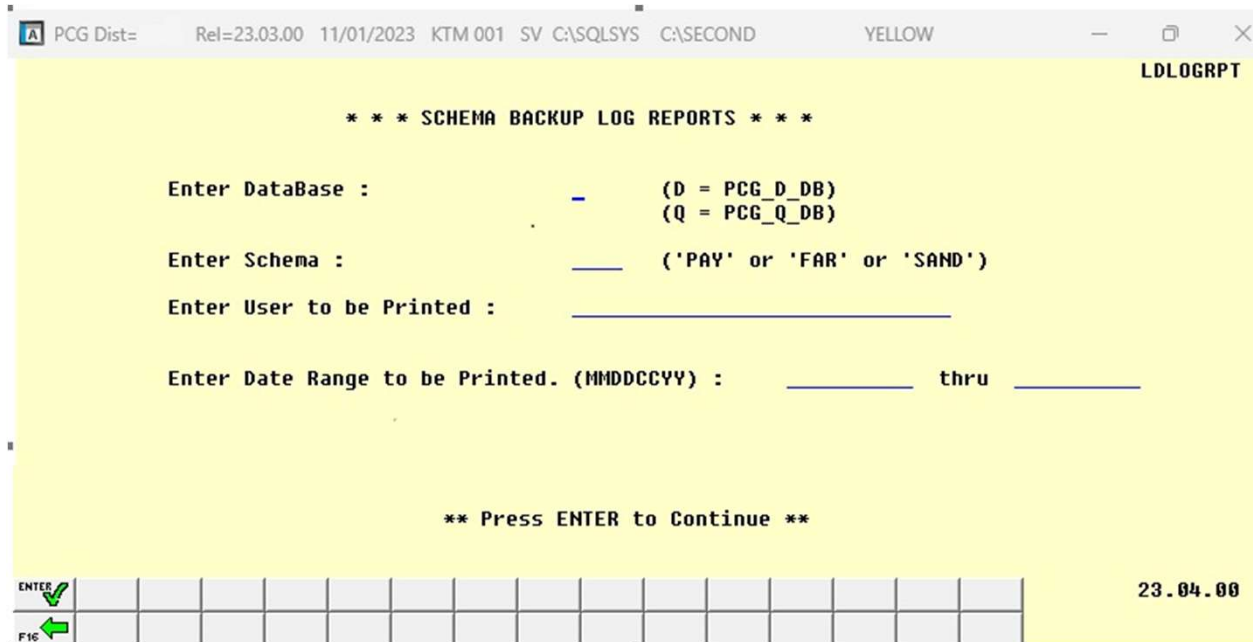
SUMMARY REPORT

Last_updated_by	last_updated_date	Log_Type	empno	Emp_name
RTR	2021-10-22 12:59:44.613	Record Updated	5008	DENNIS DUFFIE
GGG	2021-10-22 13:09:08.130	Record Updated	5006	MARLA MILTON
GGG	2021-10-22 13:09:08.543	Record Updated	5007	KEVIN JONESWORTH
TTT	2021-10-22 13:09:08.567	Record Updated	5008	DENNIS DUFFIE
MMM	2021-10-22 13:44:03.423	Record Updated	5008	DENNIS DUFFIE
MMM	2021-10-25 13:10:28.377	Record Updated	5007	KEVIN JONESWORTH
GGG	2021-10-26 14:05:25.010	Record Updated	5007	KEVIN JONESWORTH

DETAIL REPORT

Action_Date_time	userID	EmpNo	Action_Type	Item	New_value	Old_value
2021-10-22 12:59:45.083	RTR	5008	Record Updated	=====	=====	=====
2021-10-22 12:59:45.083	RTR	5008	Record Updated	Telephone_Number	4047773333	4042223333
2021-10-22 13:09:08.537	GGG	5006	Record Updated	=====	=====	=====
2021-10-22 13:09:08.537	GGG	5006	Record Updated	Address_Line1	2 EAVES DRIVE	270 Burlee ST
2021-10-22 13:09:08.537	GGG	5006	Record Updated	Contract_Gross	60000.00	0.00
2021-10-22 13:09:08.537	GGG	5006	Record Updated	Contract_BiWeekly_Amount	6000.10	0.00
2021-10-22 13:09:08.537	GGG	5006	Record Updated	State_Annual_Amount	60000.00	0.00
2021-10-22 13:09:08.537	GGG	5006	Record Updated	Local_Annual_Amount	5900.50	0.00
2021-10-22 13:09:08.563	GGG	5007	Record Updated	=====	=====	=====
2021-10-22 13:09:08.563	GGG	5007	Record Updated	Contract_Gross	70000.00	0.00
2021-10-22 13:09:08.563	GGG	5007	Record Updated	Contract_BiWeekly_Amount	7000.00	0.00
2021-10-22 13:09:08.563	GGG	5007	Record Updated	State_Annual_Amount	70000.00	0.00
2021-10-22 13:09:08.563	GGG	5007	Record Updated	Local_Annual_Amount	7000.00	0.00
2021-10-22 13:09:08.590	TTT	5008	Record Updated	=====	=====	=====
2021-10-22 13:09:08.590	TTT	5008	Record Updated	Contract_Gross	54000.00	0.00
2021-10-22 13:09:08.590	TTT	5008	Record Updated	Contract_BiWeekly_Amount	51000.00	0.00
2021-10-22 13:09:08.590	TTT	5008	Record Updated	State_Annual_Amount	5000.00	0.00
2021-10-22 13:44:03.850	MMM	5008	Record Updated	=====	=====	=====
2021-10-22 13:44:03.850	MMM	5008	Record Updated	State_Annual_Amount	5200.00	5000.00
2021-10-25 13:10:28.827	MMM	5007	Record Updated	=====	=====	=====
2021-10-25 13:10:28.827	MMM	5007	Record Updated	Emp_Status	A	T
2021-10-25 13:10:28.827	MMM	5007	Record Updated	Primary_Work_Location_Site	196	8010
2021-10-26 14:05:25.410	GGG	5007	Record Updated	=====	=====	=====
2021-10-26 14:05:25.410	GGG	5007	Record Updated	Name_Middle	JAMES	
2021-10-26 14:05:25.410	GGG	5007	Record Updated	Pay_Location_Site	195	196
2021-10-26 14:05:25.410	GGG	5007	Record Updated	Primary_Work_Location_Site	195	196
2021-10-26 14:05:25.410	GGG	5007	Record Updated	Address_City	LAMPING	BLUE CITY
2021-10-26 14:05:25.410	GGG	5007	Record Updated	GHI_Eligible_Flag	Y	N
2021-10-26 14:05:25.410	GGG	5007	Record Updated	GHI_1st_Day_Work_Date	05/24/2021	
2021-10-26 14:05:25.410	GGG	5007	Record Updated	GHI_Coverage_Effective_Date	09/30/2021	

New Schema backup log report Release 23.04:



REPORT DATE	11/01/2023 10:05:00	SCHEMA BACKUP LOG REPORT				PAGE	1
--ID--	-----DATE-TIME-----	--SCHEMA--	--STATUS--	-----COMMENT-----	---USER---		
				-----REASON-----			
2116	2023-08-31 20:56:27.000	PAY PAYCK1P	- Successful 06/30/2023 Backup	PAYDATAD 70 tables loaded Just Before Printing	Direct Deposits	KTM	
2115	2023-08-31 13:43:53.000	PAY PAYCK1P	- Successful 05/31/2023 Backup	PAYDATAD 70 tables loaded Just Before Printing	Direct Deposits	KTM	
2114	2023-08-30 09:21:49.000	PAY PAYCK1P	- Successful 09/29/2023 Backup	PAYDATAD 70 tables loaded Just Before Printing	Direct Deposits	KTM	
2113	2023-07-24 14:32:35.000	PAY PAYCK1P	- Successful 07/24/2023 Backup	PAYDATAD 70 tables loaded Just Before Printing	Direct Deposits	DOE	
2112	2023-06-30 11:01:03.000	PAY PAYCK1P	- Successful 06/30/2023 Backup	PAYDATAD 35 tables loaded Just Before Printing	Direct Deposits	KTM	
2111	2023-06-30 10:57:48.000	PAY PAYCK1P	- Successful 06/30/2023 Backup	PAYDATAD 35 tables loaded Just Before Printing	Direct Deposits	KTM	

Benefit of Data Conversion – Ability to import PCG data to excel

The image shows two overlapping screenshots of Microsoft Excel. The top screenshot highlights the 'From Other Sources' option in the 'DATA' tab, with a red circle '1' next to it. A dropdown menu is open, showing 'From SQL Server' with a red circle '2' next to it. The bottom screenshot shows the 'Table Design' ribbon with the 'External Table Data' section. Below the ribbon is a table with columns: Receipt ID, Receipt Date, Receipt Deposit, Receipt Amount, RECEIPT_ACCOUNT, Receipt Date, and Receipt Balance. The table contains 20 rows of data.

	Receipt ID	Receipt Date	Receipt Deposit	Receipt Amount	RECEIPT_ACCOUNT	Receipt Date	Receipt Balance
57	5416	2009-10-31	2009-10-31	268.08	10302099901500000000000000000000	268.08	10
59	5418	2009-11-30	2009-11-30	220.66	10302099901500000000000000000000	220.66	10
61	5420	2009-12-31	2009-12-31	267.02	10302099901500000000000000000000	267.02	10
63	5422	2010-01-31	2010-01-31	267.27	10306099901500000000000000000000	267.27	10
67	5426	2010-02-28	2010-02-28	235.96	10302099901500000000000000000000	235.96	10
71	5430	2010-03-31	2010-03-31	260.74	10302099901500000000000000000000	260.74	10
75	5434	2010-04-30	2010-04-30	252.58	10302099901500000000000000000000	252.58	10
79	5438	2010-05-31	2010-05-31	261.24	10302099901500000000000000000000	261.24	10
83	5442	2010-06-30	2010-06-30	253.06	10302099901500000000000000000000	253.06	10
87	5446	2010-07-31	2010-07-31	260.13	11302099901500000000000000000000	260.13	10
91	5450	2010-08-31	2010-08-31	257.34	11302099901500000000000000000000	257.34	10
96	5455	2010-09-30	2010-09-30	242.07	11302099901500000000000000000000	242.07	10
100	5459	2010-10-31	2010-10-31	183.38	11302099901500000000000000000000	183.38	10
1993	253172	2008-07-31	2008-07-31	235.29	09340099901500000000000000000000	235.29	10
1996	253176	2008-08-31	2008-08-31	213	09340099901500000000000000000000	213	10
2001	253182	2008-09-30	2008-09-30	215.59	09302099901500000000000000000000	215.59	10
2004	253185	2008-10-31	2008-10-31	465.42	09302099901500000000000000000000	465.42	10
2007	253188	2008-11-30	2008-11-30	500.21	09302099901500000000000000000000	500.21	10
2012	253193	2008-12-31	2008-12-31	498.65	09302099901500000000000000000000	498.65	10
2018	253199	2009-01-31	2009-01-31	336.59	09302099901500000000000000000000	336.59	10



Migration to SQL has already reaped benefits

Help desk statistics for Fiscal Year Closing 2021 versus 2023...

➤ Out of Balance

- 2021 – 14 DTICKETS
- 2022 – 3 DTICKETS
- 2023 – 0 DTICKETS

Rhonda Metts in Financial Review

“I don’t think that I have had any out of balance issues since last year’s closing. Whatever y’all did seems to have eliminated the partial postings. Yay!!”

PCG Database was designed with “Transaction Processing”

If a problem occurs during posting, for example, a power outage.....

- All updates will roll back
- We won't end up missing the individual claim, journal, or receipt on file, but having the entry on the General Ledger

PCG Database was designed with “Referential Integrity”

The database will enforce consistency standards on the PCGenesis data such that:

- It is NOT possible to delete a general ledger, expense, or revenue account which is used in any other table in the system
- Similarly, an employee record cannot be deleted until all related data is archived off the database
- An in-out journal (JE) that zeroes an account balance means that the user will NOT be able to delete the account

Typically data is retained for at least 7 years

Example of “Referential Constraint”

PCG Dist=8991 Rel=21.03.00 10/12/2021 DOD 007 SV C:\SQLSYS C:\SECOND YELLOW ACCT0100

Budget Update

Amounts entered are added to previous values
 NOTE: To enter a credit amount use a minus (-) sign

Yr	Fnd	F	Prgm	Funct	Objct	Fcty	B	Addt'l	Tran Date	Beg Date	End Date
22	100		1021	1000	61600	195	1	5	10122021	7/01/2021	6/30/2022

Fund Balance Acct: 799 Status: A Adj. Budget .00 Orig. Budget .00
 ENTER BUDGET ADJUST: _____

Enter Distribution by Month: Reason: CHANGE TO APPROPRIATION
 Title: TECH BUDGET

Month	Amount
July	.00
August	.00
September	.00
October	.00
November	.00
December	.00
Total	.00

Error on Update

File name: FAR.ACCOUNT

Return code: -823

Message: This account is used in JE. Cannot delete.

OK

Account can't be deleted, even though balance is zero

F28 to confirm delete F16 to re-enter

ENTER ✓	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15 🔍	21.03.00
F16 ←												F28			F31	

DE

Thank you for attending