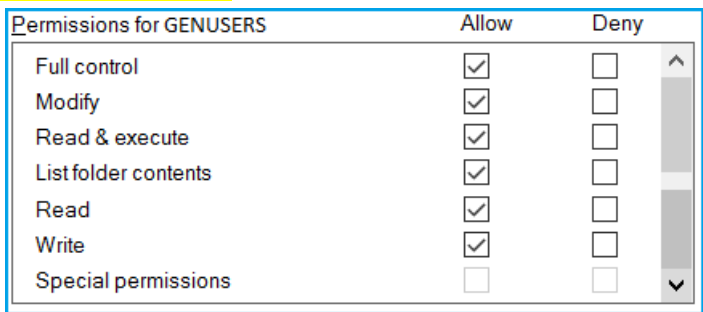











Topic 1: New Server Installation Checklist


CONFIGURATION GUIDELINES		
✓	Step	Action
	1	<p>Windows Server 2022 64 bit with all Service Packs installed (Required)</p> <ul style="list-style-type: none"> ▶ 64 bit operating system (Required) ▶ Quad Core ▶ 32 GB Memory ▶ 1 TB Hard Drive – Raid <ul style="list-style-type: none"> • C: 500 GB Minimum (Required) • K: 500 GB Minimum (Required) • More partitions optional ▶ The K: mapping must be defined as a stand-alone partition of at least 500 GB. ▶ 4 Client Access Licenses ▶ Must be a stand-alone file server. No other applications can be on the PCGenesis server. ▶ Server must <u>not</u> be a Domain Controller – Not active directory. ▶ However, the PCGenesis server must be a part of the network domain. In a Windows network, a domain is a group of server computers that share a common user account database, allowing user credentials to be synchronized automatically. This is required for seamless database access on the server. ▶ PCGenesis does <u>not</u> support Microsoft account or MSA (previously known as Microsoft Passport, .NET Passport, Microsoft Passport Network, and Windows Live ID) This a single sign-on web service developed and provided by Microsoft that allows users to log into websites (like Outlook.com), devices (e.g. Windows 10 computers and tablets, Windows phones), and applications (including Visual Studio) using one account. Instead, use a district domain user account for logging into workstations.

CONFIGURATION GUIDELINES (Continued)																										
✓	Step	Action																								
	2	<p>NOTE: Windows Server 2012, Windows Server 2016, Windows Server 2019, and Windows Server 2022 are supported. Workstation Windows 8 and Windows 10 are supported.</p> <p>NOTE: Windows Server 2008 and 2008_R2 operating systems are no longer supported as of June 30, 2020.</p>																								
	3	Connect the new PCGenesis server to a UPS (Uninterrupted Power Supply). (Required)																								
	4	<p>Share K: as PCGENESIS\$ (Required)</p> <ul style="list-style-type: none"> ▶ Create GENUSERS security group with Full Control (see below) access to the K: drive ▶ Include all PCGenesis users in this security group ▶ The GENUSERS security group can be created on the local PCGenesis server and does not need to be created on the domain server ▶ Share K: as PCGENESIS\$ ▶ Map K = \\NewServer\PCGenesis\$ <p>The security user group GENUSERS is required. GENUSERS must have 'Full Control' access to the K: drive.</p>  <table border="1" data-bbox="565 1087 1263 1396"> <thead> <tr> <th>Permissions for GENUSERS</th> <th>Allow</th> <th>Deny</th> </tr> </thead> <tbody> <tr> <td>Full control</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Modify</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Read & execute</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>List folder contents</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Read</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Write</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Special permissions</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </tbody> </table>	Permissions for GENUSERS	Allow	Deny	Full control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Modify	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Read & execute	<input checked="" type="checkbox"/>	<input type="checkbox"/>	List folder contents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Read	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Write	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Special permissions	<input type="checkbox"/>	<input type="checkbox"/>
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Write	<input checked="" type="checkbox"/>	<input type="checkbox"/>																								
Special permissions	<input type="checkbox"/>	<input type="checkbox"/>																								
	5	<p>Set System Environment Variables</p> <ul style="list-style-type: none"> ▶ PCGOS = 2K (Required) ▶ PCGTYPE = SV (Required) ▶ VDBINSTANCE = <i>NewServer</i>\SQLEXPRESSPCG (Required) ▶ VQUEUEDIR = K:\VQUEUE (Required) <p>Refer to the <i>Technical Systems Operations Guide, Section A: PCGenesis Configuration, Topic 3: Setting Windows® Server Environment Variables</i> for instructions.</p> <p>NOTE: The system environment variables must be defined prior to proceeding to Step 6.</p>																								

CONFIGURATION GUIDELINES (Continued)		
✓	Step	Action
	6	As part of good maintenance practices, the GaDOE would like to emphasize that the PCGenesis server must be up-to-date with all Windows updates at all times.
	7	<p>Install <i>.NET Framework 4.5</i>, <i>SQL Server Express 2016</i>, and <i>SQL Management Studio 2016</i> on the Windows Server 2022 64 bit PCGenesis server.</p> <ul style="list-style-type: none"> ▶ Refer to the <i>Technical System Operations Guide, Section A: PCGenesis Configuration, Topic 4: Microsoft SQL Server Express 2016 Installation Instructions</i> for instructions on downloading and installing the Microsoft components. ▶ This installation creates the directory K:\PCGSQldb
	8	Install virus protection. (Required)
	9	<p>Remote Desktop Connection is the preferred method for all users accessing PCGenesis.</p> <ul style="list-style-type: none"> ▶ More secure ▶ Much faster processing ▶ More reliable data integrity <p>NOTE: The GA DOE is currently working with a security consultation company to explore how security can be improved for the PCGenesis server and data. Specifically, the GA DOE is exploring how to provide better protection against ransomware and mal-ware from infecting the PCGenesis server. After an initial consultation, the security experts advised that PCGenesis' greatest vulnerability was the way individual workstations map the K: drive as \\PCGServer\PCGenesis\$. Mapping a drive to the PCGenesis server from each individual workstation may provide an access point for ransomware and mal-ware to infect the server by way of an individual user who has inadvertently downloaded a virus.</p> <p>As an answer to this problem, the security consultants recommend that the PCGenesis application be accessed using a Remote Desktop Connection. The recommendation is to utilize Remote Desktop Connection <u>instead of</u> mapping the PCGenesis server as a drive on individual workstations. This would add a level of obfuscation and complexity that would help prevent mal-ware from infecting the PCGenesis server.</p> <p>Therefore, the GA DOE would like to recommend Remote Desktop Connection as the preferred method for all users accessing PCGenesis. Remote Desktop Connection has several advantages in addition to providing better protection for the PCGenesis server and data. It allows the PCGenesis application to run much faster, and because the application will continue to run even if the network connection goes down, data reliability is also improved.</p>

INSTALL PCGENESIS		
✓	Step	Action
	10	<p>Copy contents of current PCGenesis\$ (or K:) to the new PCGenesis Server K:</p> <p>Do <u>not</u> copy over K:\PCGSQLDB from the old server. K:\PCGSQLDB was created during the installation of <i>.NET Framework 4.5, SQL Server Express 2016, and SQL Management Studio 2016</i> in <i>Step 7</i> above.</p> <p>The VerraDyne database (VQueueDB) and the PCGenesis database (PCGenesisDB) need to be copied from the old server to the new server and attached from within <i>SQL Management Tools</i> in <i>Step 2</i> and <i>Step 3</i> below.</p>
	11	<p>Next, on the <u>old</u> server, stop SQL Server (SQLEXPRESSPCG) in <i>View Local Services</i> from the <i>Control Panel</i>. Then, on the <u>old</u> server, copy these files, and copy them to the <u>same location</u> on the new server (except that the directory on the new server will be called MSSQL13.SQLEXPRESSPCG):</p> <p>The database files are in the following location for <i>Windows Server 2012, 2016, 2019, or 2022</i>: K:\PCGSQLdb\MSSQL13.SQLEXPRESSPCG\MSSQL\DATA\</p> <p>The database files are in the following location for <i>Windows Server 2008 R2</i>: K:\PCGSQLdb\MSSQL11.SQLEXPRESSPCG\MSSQL\DATA\</p> <ul style="list-style-type: none"> • PCGenesisDB.mdf • PCGenesisDB_log.ldf • VQueueDB.mdf • VQueueDB_log.ldf • PCG_D_DB.mdf • PCG_D_DB_log.ldf • PCG_Q_DB.mdf • PCG_Q_DB_log.ldf • PCG_Master.mdf • PCG_Master_log.ldf • PCG_LOG_DB.mdf • PCG_LOG_DB_log.ldf <p>Note that the directory will be called MSSQL13.SQLEXPRESSPCG on the new server.</p>

INSTALL PCGENESIS (Continued)		
✓	Step	Action
	12	On the <u>new</u> server, start SQL Server (SQLEXPRESSPCG) in <i>View Local Services</i> from the <i>Control Panel</i> .
	13	<p>Attach the six PCGenesis databases listed above to <i>SQL Express PCG</i>.</p> <ul style="list-style-type: none"> Go to the directory K:\SYSTEM\TOOLS Find the file AttachSQLdatabasesNewServer.bat Run the bat file 'as administrator' <p>If any errors occur, please contact the Ga DOE Help Desk for assistance.</p>
	14	<p>Create the VQueueService:</p> <p>To create this service on the new server, execute the following command in a 'Command Prompt' window that you are running 'As administrator'.</p> <pre>SC \\NewServer create VQueueService binPath="K:\vqueue\BIN\VQueueService.exe" start=delayed-auto</pre> <p>Where NewServer is the name of the new PCGenesis server.</p>
	15	If the new PCGenesis server has a different system name from the old server, please contact the Ga DOE Help Desk for assistance in updating the SRVFILE file with the new PCGenesis server name.
	16	Start VQueueService in <i>View Local Services</i> from the <i>Control Panel</i> .
	17	<p>Add required PCG shortcuts to server desktop:</p> <ul style="list-style-type: none"> PCGenesis login screen: K:\PCGIcon\  PCGclr PCGenesis print spooler startup: K:\PCGIcon\  PCGVADMIN PCGenesis print queue: K:\PCGIcon\  PCGVQUE <p>Add optional PCG shortcuts to server desktop:</p> <ul style="list-style-type: none"> PCGenesis QWord print queue: K:\PCGIcon\  QWord
	18	<p><u>NOTE:</u> Due to Micro Focus licensing limitations, districts are allowed to set up a maximum of 4 workstations with access to PCGenesis.</p> <p>Add required PCG shortcuts to workstation desktop:</p> <ul style="list-style-type: none"> PCGenesis login screen: K:\PCGIcon\  PCGclr <p>Add optional PCG shortcuts to workstation desktop:</p> <ul style="list-style-type: none"> PCGenesis print queue: K:\PCGIcon\  PCGVQUE PCGenesis QWord print queue: K:\PCGIcon\  QWord

INSTALL PCGENESIS (Continued)		
✓	Step	Action
	19	<p>Configure the report printer using the <i>VerraDyne Print Manager</i>.</p> <p>Refer to the <i>Technical System Operations Guide, Section B: PCGenesis Printing, Topic 1: Configuring the VerraDyne Print Manager</i> for instructions on setting up the <i>VerraDyne Print Manager</i> software. Specifically, <i>Procedure F: Assigning PCGenesis Printers at the Server</i> explains how to configure the PCGenesis report printer.</p>
	20	<p>Add printer to serve as CHECK printer</p> <ul style="list-style-type: none"> ▶ Typically the CHECK printer is set up as a <u>local</u> printer on the appropriate user's workstation. ▶ Optional – Set up a backup CHECK printer at the server to be used in case of an emergency. ▶ No setup required for CHECK printer.
	21	<p>If access to QWord is desired, follow the instructions provided in the <i>Technical System Operations Guide, Section D: User Interface Procedures, Creating the Microsoft®-PCGenesis QWORD Macro for Report Printing</i> to create the macro necessary to use the feature where appropriate.</p> <ul style="list-style-type: none"> ▶ Install PCGenensis QWord print queue shortcut: K: PCGIcon  QWord ▶ QWord provides access to Microsoft® Word for all report printing.

BACKUP / REORGANIZATION GUIDELINES		
✓	Step	Action
	1	<p>BACKUP (Required)</p> <ul style="list-style-type: none"> ▶ Include a full backup of K:*.* in the site's standard Server backup process <ul style="list-style-type: none"> • Minimum of one complete backup per week • Retain at least 4 weeks of K:*.* backups ▶ Daily backup of K:\SECOND*.* and K:\PCGSQldb*.* to CD, DVD or USB stick <ul style="list-style-type: none"> • Nightly backup following each work day • Media may remain under control of PCG administrator • Proper security and offsite storage measures required • Retain daily backups of K:\SECOND*.* and K:\PCGSQldb*.* for at least 1 month • Retain one daily backup each month of K:\SECOND*.* and K:\PCGSQldb*.* for at least 1 year • Make sure that the backup of K:\SECOND*.* and K:\PCGSQldb*.* are kept together as a unit. These two directories must be synchronized together. • Do not allow BACKUPS or REORG to run at the same time
	2	<p>REORG (Required)</p> <ul style="list-style-type: none"> ▶ Create scheduled task for K:\BACKUP\PCGREORG.BAT <ul style="list-style-type: none"> • Schedule nightly after backup to finish prior to 6:00am. Allow up to 60 minutes processing time. • SQL Server (SQLEXPRESSPCG) must be running. • Requires ROBOCOPY which should be included with Windows Server 2022 64 bit <ul style="list-style-type: none"> - Verify available in C:\WINDOWS\SYSTEM32\ROBOCOPY.EXE - If missing, run K:\DOWNLOAD\2003 RESOURCE KIT\rktools.exe to install ROBOCOPY ▶ The REORG process will also create a <i>Reorg Recap</i> report in K:\SECOND\#SPLPRT\REOGnnnn

VERIFY THERE ARE NO UNNECESSARY PCGENESIS FILES		
✓	Step	Action
	1	<p>Delete all <i>.zip</i> files or move the files to another directory.</p> <p><i>.zip</i> files are a primary cause of extraneous files. To ensure they are not inadvertently left on PCGENESIS\$, create these files at the server and place them in another directory, such as K:\DOEZIPFILES. This directory must be created if it does not exist. When the files are no longer needed, they may be deleted.</p>
	2	<p>Verify only the following directories exist on K: (PCGENESIS\$)</p> <ul style="list-style-type: none"> ▶ ACUCBL ▶ BACKUP ▶ DOWNLOAD ▶ ETC ▶ GENWRK ▶ INS ▶ INSyy### (This should be the current release number - DO NOT DELETE Any Directories Beginning With “INS”) ▶ INSTAL ▶ PCGICON ▶ PCGSQLDB ▶ SECOND ▶ SECONDL Restore Point ▶ SECONDX Restore Point ▶ SECONDY Restore Point ▶ SECONQ Restore Point ▶ SYSTEM ▶ UCTARCHIVE ▶ UCTPRINT ▶ UNIACU ▶ UTILITY ▶ VQUEUE ▶ If other directories exist, determine if the directories should remain on PCGENESIS\$.

VERIFY THERE ARE NO UNNECESSARY PCGENESIS FILES (Continued)		
✓	Step	Action
	3	<p>Verify only the following directories exist on K:\SECOND</p> <ul style="list-style-type: none"> ▶ #aaaPRT There will be several directories beginning with “#” followed by a user’s logon initials and <i>PRT</i>. For example, #JHRPRT. ▶ ACCTyymm There will be many directories beginning with <i>ACCTyymm</i> (one for each month closed, where <i>yy</i> = year and <i>mm</i> = month). You may delete the <i>ACCTyymm</i> files <u>for any records removed from PCGenesis</u>. For example, <i>ACCT0801</i> is the file for January 2008. Since the corresponding financial records for year 2008 are no longer on PCGenesis, the <i>ACCT0801</i> directory may be deleted. <i>Do not delete any <u>current</u> ACCTyymm directories!</i> ▶ ACRLDATA ▶ BALANSHT ▶ CPIDATA ▶ FARDATA ▶ FARDATAQ Restore Point ▶ FARMNTH Month End ▶ FARPMTH Month End ▶ FARYEAR Year End ▶ GENLEDGR Month End ▶ GOSEND ▶ PAYACA Year End ▶ PAYDATA ▶ PAYDATAD Restore Point ▶ PAYDATAQ Restore Point ▶ PAYSSA Year End ▶ PERDATA ▶ SANDBOX ▶ SANDBOXQ Restore Point ▶ TRANDATA

SQL Server Databases and Tables for PCGenesis System		
1	PCGenesisDB.mdf - PCGenesis financial and payroll production data.	
	Table Name	Purpose
1.1	Conversion_LOG	Conversion Log shows successful or unsuccessful conversion of a VISION file to a SQL Server table.
1.2	Conversion_LOG_Detail	Conversion Log Detail shows the total number of rows imported for each database table.
1.3	Conversion_LOG_Error	Conversion Error Log shows any errors encountered during the conversion of a VISION file to a SQL Server table.
1.4	Transaction_EmpNo_Gatekeeper_Log	Stores a log of payroll and budget system transactions which includes the user id, transaction description, employee id number, start and end times, and the transaction's final disposition.
1.5	Transaction_Gatekeeper	Stores a single record which controls the financial system transaction postings, enforcing single-threaded processing for a multi-user system.
1.6	Transaction_Gatekeeper_Log	Stores a log of financial system transactions which includes the user id, transaction description, start and end times, and the transaction's final disposition.
1.7	FAR.Account	Stores the <u>budget</u> general ledger account codes for the PCGenesis system.
1.8	FAR.AccountR	Stores the <u>revenue</u> general ledger account codes for the PCGenesis system.
1.9	FAR.AccountG	Stores the general ledger <u>balance account</u> codes for the PCGenesis system.
1.10	FAR.Audit_File	Stores a record of all financial transactions including audit information of the person who created the transaction and the date/time the transaction was created.
1.11	FAR.Bank_File	Stores the bank codes for the PCGenesis financial system.
1.12	FAR.Chart_Of_Accounts	Stores <u>all</u> general ledger account codes, including budget, revenue, and balance account codes on one table.
1.13	FAR.Control_95_Budget	Stores the <i>Create Budget Sandbox Control Screen</i> parameters.
1.14	FAR.Control_96_Annuity	Stores the <i>Annuity Deduction Control</i> parameters.

SQL Server Databases and Tables for PCGenesis System - <i>continued</i>		
1	PCGenesisDB.mdf (<i>continued</i>) - PCGenesis financial and payroll production data.	
	Table Name	Purpose
1.15	FAR.Control_97_Message	Stores the PCGenesis <i>System Message Administration</i> control parameters for system broadcast messages.
1.16	FAR.Control_98_Phrase	Stores the PCGenesis <i>System Password Administration</i> parameters.
1.17	FAR.Control_99_System	Stores the PCGenesis <i>System Control</i> screen parameters and the <i>1099 System Control</i> data.
1.18	FAR.Expense	Stores the claim/invoice master records.
1.19	FAR.Expense_Distribution	Stores the claim GL account detail records associated with the claim/invoice master record. A maximum of 20 GL account records are allowed per claim.
1.20	FAR.Facility	Stores the facility and building records for purchase order processing.
1.21	FAR.Invest	Stores investment records.
1.22	FAR.Journal_Entry	Stores the general ledger journal master records.
1.23	FAR.Journal_Entry_Detail	Stores the general ledger journal detail records associated with the journal master record. A maximum of 999 account detail lines are allowed per journal.
1.24	FAR.Name_01_Fiscal_Year	Stores the 2-digit year description of the account number.
1.25	FAR.Name_02_Fund	Stores the 3-digit fund description of the account number.
1.26	FAR.Name_03_FY_flag	Stores the 1-digit fiscal year description of the account number. (Not used.)
1.27	FAR.Name_04_Program	Stores the 4-digit program code description of the account number.
1.28	FAR.Name_05_Function	Stores the 4-digit function code of the account number, for expense accounts.
1.29	FAR.Name_06_Object	Stores the 5-digit object code description of the account number.
1.30	FAR.Name_07_Fac_Bldg	Stores the 5-digit facility/building code description of the account number.
1.31	FAR.Name_08_Additional	Stores the 6-digit additional code description of the account number.

SQL Server Databases and Tables for PCGenesis System - <i>continued</i>		
1	PCGenesisDB.mdf (<i>continued</i>) - PCGenesis financial and payroll production data.	
	Table Name	Purpose
1.32	FAR.Name_09_Rev_Srce	Stores the 4-digit source code description of the account number, for revenue accounts.
1.33	FAR.Name_10_BLNC_SHEET	Stores the 4-digit balance sheet code description of the account number, for GL accounts.
1.34	FAR.Purchase_Order	Stores the purchase order master records.
1.35	FAR.Purchase_Order_Distribution	Stores the purchase order GL account detail records associated with the purchase order master record. A maximum of 20 GL account records are allowed per purchase order.
1.36	FAR.Purchase_Order_Expense	Stores the purchase order claim detail records associated with the purchase order master record. A maximum of 24 claim/invoice records are allowed per purchase order.
1.37	FAR.Purchase_Order_Print	Stores the purchase order inventory detail records associated with the purchase order master record.
1.38	FAR.Receipt	Stores the receipt master records.
1.39	FAR.Receipt_Detail	Stores the receipt GL account detail records associated with the receipt master record. A maximum of 40 GL account records are allowed per receipt.
1.40	FAR.Receivable	Stores the receivable master records.
1.41	FAR.Receivable_Distribution	Stores the receivable GL account detail records associated with the receivable master record. A maximum of 40 GL account records are allowed per receivable.
1.42	FAR.Receivable_Receipt	Stores the receivable receipt detail records associated with the receivable master record. A maximum of 12 receipt records are allowed per receivable.
1.43	FAR.Revenue_Source	Stores the revenue source records for the financial system revenue subsystem.
1.44	FAR.Vendor	Stores the vendor records for the financial system expense subsystem.
1.45	FAR.Vendor_Check_Control	Stores the vendor check master records associated with the accounts payable subsystem.

SQL Server Databases and Tables for PCGenesis System - <i>continued</i>		
1	PCGenesisDB.mdf (<i>continued</i>) - PCGenesis financial and payroll production data.	
	Table Name	Purpose
1.46	FAR.Vendor_Check_Control_Payable	Stores the claim/invoice records associated with the vendor check master record. A maximum of 13 claim records are allowed per vendor check.
1.47	FAR.Wire_Transfer	Stores the vendor wire transfer master records associated with the accounts payable subsystem.
1.48	FAR.Wire_Transfer_Payable	Stores the claim/invoice records associated with the vendor wire transfer master record. A maximum of 40 claim records are allowed per vendor wire transfer.
1.49	PAY.PAYROLL_Employee	Stores payroll employee data. Any changes to data in this table triggers a logging event in the PCG_LOG_DB database.
1.50	PAY.PAYROLL_Employee_Current	Stores payroll employee data.
1.51	PAY.GROSSDAT_Employee_Payroll_Current_Gross	Stores payroll employee gross data account lines.
1.52	PAY.PDEDUCT_Employee_Deduction	Stores payroll employee deductions.
1.53	PAY.MPAYROLL_Employee	Stores employee data for manual payroll checks.
1.54	PAY.MPAYROLL_Employee_Current	Stores employee data for manual payroll checks.
1.55	PAY.MGROSDAT_Employee_Payroll_Manual_Gross	Stores employee gross data account lines for manual payroll checks.
1.56	PAY.MDEDUCT_Employee_Deduction	Stores employee deductions for manual payroll checks.
1.57	PAY.PREVVOID_Employee	Stores employee data for voided payroll checks.
1.58	PAY.PREVVOID_Employee_Current	Stores employee data for voided payroll checks.
1.59	PAY.VGROSDAT_Employee_Payroll_Void_Prev_Gross	Stores employee gross data account lines for voided payroll checks.
1.60	PAY.VDEDUCT_Employee_Deduction	Stores employee deductions for voided payroll checks.
1.61	SAND.PAYROLL_Employee	Stores employee data for the Budget System.

SQL Server Databases and Tables for PCGenesis System - <i>continued</i>		
1	PCGenesisDB.mdf (<i>continued</i>) - PCGenesis financial and payroll production data.	
	Table Name	Purpose
1.62	SAND.PAYROLL_Employee_Current	Stores payroll employee data for the Budget System.
1.63	SAND.GROSSDAT_Employee_Payroll_Current_Gross	Stores payroll employee gross data account lines for the Budget System.
1.64	SAND.PDEDUCT_Employee_Deduction	Stores payroll employee deductions for the Budget System.
1.65	T_lookup.GA_County	Stores the county codes for Georgia counties.

SQL Server Databases and Tables for PCGenesis System - <i>continued</i>			
2	PCG_Master.mdf - PCGenesis backup and restore logs.		
		Table Name	Purpose
	2.1	PCG_Backup_LOG	Backup log shows successful or unsuccessful completion of a PCGenesis backup operation.
	2.2	PCG_Backup_LOG_Message	The system messages associated with the backup operation.
	2.3	PCG_Information	Stores the location of the SQL Server database backup directory.
	2.4	PCG_Restore_LOG	Restore log shows successful or unsuccessful completion of a PCGenesis restore operation.
	2.5	PCG_Restore_LOG_Message	The system messages associated with the restore operation.
	2.6	PCG_Runtime_Errors	Stores PCGenesis runtime errors that occur during a backup or restore operation.

SQL Server Databases and Tables for PCGenesis System - <i>continued</i>			
3	<p align="center">PCG_Q_DB.mdf</p> <p>The PCG_Q_DB database is a backup of PAYDATA that is made just before <i>Calculate Payroll & Update YTD (Final)</i> (F4), or is a backup of FARDATA that is made just before updating budget files with vendor check information (F5).</p>		
	Table Name	Purpose	
3.1	FAR.tablename	<p>FARDATAQ and PCG_Q_DB database tables: The FARDATAQ directory (inside of the SECOND directory) is a backup of FARDATA that is made just before updating budget files with vendor check information (F5).</p> <ul style="list-style-type: none"> • Restore from FARDATAQ if a problem occurs with posting to budget files. • Also restore from FARDATAQ if a problem occurs in financial data after posting but before the nightly backup is processed. • FARDATAQ should not be restored if any interaction from payroll has occurred (posting payroll or processing an earnings history record gross data transfer). When both financial and payroll records are affected, all of SECOND should be restored. 	
3.2	PAY.tablename	<p>PAYDATAQ and PCG_Q_DB database tables: The PAYDATAQ directory (inside of the SECOND directory) is a backup of PAYDATA that is made just before <i>Calculate Payroll & Update YTD (Final)</i> (F4).</p> <ul style="list-style-type: none"> • Restore from PAYDATAQ if a problem occurs during check printing. 	
3.3	SAND.tablename	<p>SANDBOXQ and PCG_Q_DB database tables: The SANDBOXQ directory (inside of the SECOND directory) is a backup of SANDBOX that is made just before <i>Create Budget SANDBOX</i> (F5, F1).</p> <p>Restore from SANDBOXQ if a problem occurs during creation of the budget SANDBOX.</p>	
3.4	dbo.Load_Log	<p>The Load Log shows successful or unsuccessful completion of a PCGenesis backup of PAYDATAQ or FARDATAQ and how many tables were loaded.</p>	
3.5	dbo.Load_Log_Detail	<p>The Log Detail gives a list of each individual table loaded during the backup operation.</p>	

SQL Server Databases and Tables for PCGenesis System - <i>continued</i>		
4	PCG_D_DB.mdf	
	The PCG_D_DB database is a backup of PAYDATA that is made after printing payroll checks, but just before printing payroll direct deposits (F2, F3, F5).	
	Table Name	Purpose
4.1	PAY.tablename	PAYDATAD and PCG_D_DB database tables: The PAYDATAD directory (inside of the SECOND directory) is a backup of PAYDATA that is made just after checks print (F5) and before direct deposits print. <ul style="list-style-type: none"> Restore from PAYDATAD if a problem occurs during or after printing direct deposits but before posting to payroll earnings history (F13).
4.2	dbo.Load_Log	The Load Log shows successful or unsuccessful completion of a PCGenesis backup of PAYDATAD and how many tables were loaded.
4.3	dbo.Load_Log_Detail	The Log Detail gives a list of each individual table loaded during the backup operation.
5	PCG_LOG_DB.mdf	
	The PCG_LOG_DB database logs changes made to selected tables in the PCGenesisDB database.	
	Table Name	Purpose
5.1	Bank_File_Record_Log	Logs any changes made to the FAR.Bank_File table.
5.2	PAYROLL_Employee_Log	Logs any changes made to the PAY.PAYROLL_Employee table.
6	VQueueDB.mdf	
	The VQueueDB database contains the <i>VerraDyne Print Manager</i> associated tables.	

Revision History

Date	Version	Description	Author
3/22/2022	1.18	22.01.00 – Add the payroll tables to <i>PCGenesisDB.mdf</i> database.	D. Ochala
12/27/2021	1.17	21.04.00 – Delete the <i>PCG_SANDBOX.mdf</i> database. Add the <i>PCG_LOG_DB.mdf</i> database.	D. Ochala
11/09/2021	1.16	21.03.00 – Added audit, control, and gatekeeper tables to <i>PCGenesisDB.mdf</i> database. Update for Windows Server 2022.	D. Ochala
06/14/2021	1.15	21.02.00 – Added journal, vendor check master, and wire transfer tables to <i>PCGenesisDB.mdf</i> database.	D. Ochala
03/25/2021	1.14	21.01.00 – Added claim and purchase order tables to <i>PCGenesisDB.mdf</i> database.	D. Ochala
09/25/2020	1.13	20.03.00 – Added <i>FAR.Chart_Of_Accounts</i> , <i>FAR.Invest</i> , <i>FAR.Vendor</i> , receipt and receivables tables to <i>PCGenesisDB.mdf</i> database.	D. Ochala
05/29/2020	1.12	20.02.00 – Added <i>FAR.Account</i> , <i>FAR.AccountR</i> , <i>FAR.AccountG</i> tables to <i>PCGenesisDB.mdf</i> database.	D. Ochala
04/22/2020	1.11	20.02.00 – Changed order of steps on <i>Page 5</i> so that SQLEXPRESSPCG is started before running the ATTACH for the databases. Specified that reorganization task requires <i>SQL Server</i> service to be running.	D. Ochala
03/30/2020	1.10	20.01.00 – Added <i>FAR.NAME_xx</i> tables to <i>PCGenesisDB.mdf</i> database.	D. Ochala
01/13/2020	1.9	19.04.00 – Added <i>FAR.Bank_File</i> to <i>PCGenesisDB.mdf</i> database.	D. Ochala
06/28/2019	1.8	19.02.00 – Updated operating system requirements. As of June 30, 2020, PCGenesis will no longer support the Windows Server 2008 operating systems.	D. Ochala
03/25/2019	1.7	19.01.00 – Update with <i>PCGenesisDB</i> instructions.	D. Ochala
12/07/2018	1.6	18.03.01 – Update with <i>VerraDyne Print Manager</i> installation instructions.	D. Ochala
04/02/2018	1.5	18.01.00 – Update to specify four workstations per installation.	D. Ochala
02/01/2018	1.4	18.01.00 – Updated operating system requirements. As of June 30, 2018, PCGenesis will no longer support the Windows Server 2003 operating system.	D. Ochala
04/04/2017	1.3	17.01.00 – Updated operating system requirements. Windows Server 2000 is no longer supported.	D. Ochala
11/04/2016	1.2	16.03.00 – Updated operating system requirements.	D. Ochala
09/02/2015	1.1	15.03.00 – Updated operating system requirements.	D. Ochala
08/12/2014	1.0	14.02.00 – New document.	D. Ochala