

PCGenesis: Migration to a Relational Database

GASBO

Augusta, GA

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Richard Woods, Georgia's School Superintendent
"Educating Georgia's Future"

11/9/2021

Incremental Phased Approach

ADVANTAGES

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

PCGenesis Upgrade Phases

- **DATA - Convert old technology flat files to relational database**
- Implement data change logging
- Convert Cobol report processes to SQL stored procedures
- Implement new technology user interface for reports only
- Move Cobol processes(FAR/Payroll/CPI) to SQL
- Implement new technology user interface for processes

Phased Approach will:

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

PCGenesis DATA storage

CURRENT

- 70% : Microfocus Vision
Version 3 Indexed
Sequential
note:
(Version 3 is no longer supported by Microfocus)
- 30% - Microsoft SQL Server
Express Relational
Database

FUTURE

- 99% - Microsoft SQL Server
Express Relational Database
- User friendly Screens

Data Conversion Progress

Financial Accounting & Reporting

\FARDATA\FACILITY	* Completed *
\FARDATA\BANK	* Completed *
\FARDATA\NAME	* Completed *
\FARDATA\ACCOUNT	* Completed *
\FARDATA\ACCOUNTG	* Completed *
\FARDATA\ACCONTR	* Completed *
\FARDATA\SOURCE	* Completed *
\FARDATA\VENDOR	* Completed *
\FARDATA\RECEIPT	* Completed *
\FARDATA\RECEIVE	* Completed *
\FARDATA\PO	* Completed *
\FARDATA\POPRINT	* Completed *
\FARDATA\EXPENSE	* Completed *
\FARDATA\CHEKMSTR	* Completed *
\FARDATA\WXFER	* Completed *
\FARDATA\ASSET	
\FARDATA\AUDIT	* Completed *
\FARDATA\BANKMICR	
\FARDATA\CLAIMCTL	
\FARDATA\CONTROL	* Completed *
\FARDATA\INVEST	
\FARDATA\JECONTRL	
\FARDATA\JEMASTER	* Completed *
\FARDATA\MANUALS	
\FARDATA\MONITOR	
\FARDATA\PAYSTATF	
\FARDATA\SNUIFUND	

Personnel

\PERDATA\LGROSDAT
\PERDATA\LVADV
\PERDATA\LVCLASS
\PERDATA\LVHIST
\PERDATA\LVINPUT
\PERDATA\LVSYS
\PERDATA\PERS
\PERDATA\PROCTL
\PERDATA\ACA1095
\PERDATA\DEPENDS
\PERDATA\ACAIRSR
\PERDATA\ACAIRSD

Payroll

\PAYDATA\ANNUITY	
\PAYDATA\BENEDED	
\PAYDATA\CHEKMSTR	
\PAYDATA\DATEFL	
\PAYDATA\DDP	
\PAYDATA\DEDCTL	
\PAYDATA\DEDS	
\PAYDATA\DESC	
\PAYDATA\DESCA	
\PAYDATA\DISTRIB	
\PAYDATA\EMPCHG	
\PAYDATA\GACOUNTY	
\PAYDATA\GARVEN	
\PAYDATA\GROSSDAT	
\PAYDATA\HISTORY	
\PAYDATA\MPAYROLL	*in progress*
\PAYDATA\MSG	
\PAYDATA\PAYROLL	*in progress*
\PAYDATA\PAYS	
\PAYDATA\PAYSTAT	
\PAYDATA\PDeduct	
\PAYDATA\PREVVOID	*in progress*
\PAYDATA\PRSTATE	
\PAYDATA\TAXES	

CPI

\CPIDATA\CPIFILE
\CPIDATA\CPIPCNTL
\CPIDATA\CPIXREF
\CPIDATA\DESCBL
\CPIDATA\SALSCHED

Progress by Data Volume

Size	Name	Percent	Status
504,444,416	AUDIT	54.78%	Completed
184,410,112	EXPENSE	20.02%	Completed
85,862,912	HISTORY	9.32%	
54,534,144	DISTRIB	5.92%	
25,662,464	CHEKMSTR	2.79%	Completed
13,287,936	LVHIST	1.44%	
12,761,088	ACCOUNT	1.39%	Completed
7,400,448	RECEIPT	0.80%	Completed
5,036,544	PAYBACK	0.55%	
5,036,544	PAYROLL	0.55%	Completed
3,949,056	JEMASTER	0.43%	Completed
3,510,784	RECEIVE	0.38%	Completed
3,380,736	VENDOR	0.37%	Completed
2,007,552	PERS	0.22%	
1,584,128	ACCOUNTG	0.17%	Completed
1,412,608	ACCOUNTR	0.15%	Completed

About 80%
Completed!!

Project	Project Task	Status	2019				2020				2021				2022			
			19.01	19.02	19.03	19.04	20.01	20.02	20.03	20.04	21.01	21.02	21.03	21.04	22.01	22.02	22.03	22.04
Vision to DB	Create SQL Databases	Completed																
Vision to DB	convert FAR\GACOUNTY	Completed																
Vision to DB	Convert PAY\FACILITY	Completed																
Vision to DB	Convert FAR\SOURCE	Completed																
Vision to DB	Convert FAR\BANK	Completed																
STATUTORY	(IRS - SHBP)	Completed																
Vision to DB	Convert FAR\NAME	Completed																
Vision to DB	Convert FAR\ACCOUNT	Completed																
Vision to DB	Convert FAR\ACCOUNTG	Completed																
Vision to DB	Convert FAR\ACCONTR	Completed																
Vision to DB	Convert FAR\RECEIPT	Completed																
Vision to DB	Convert FAR\RECEIVE	Completed																
Vision to DB	Convert FAR\VENDOR	Completed																
Vision to DB	Convert FAR\INVEST	Completed																
STATUTORY	(IRS - SHBP)	Completed																
C#front End	Winform Project Setup	Completed																
C#front End	Forms - 2019 & 2020 sql	Completed																
Vision to DB	Convert FAR\PO	Completed																
Vision to DB	Convert FAR\POPRINT	Completed																
Vision to DB	Convert FAR\EXPENSE	Completed																
Vision to DB	Convert FAR\CHEKMSTR	Completed																
Vision to DB	Convert FAR\WXFER	Completed																
Vision to DB	Convert FAR\JEMASTER	Completed																
Vision to DB	Convert FAR\AUDIT	Completed																
Vision to DB	Convert FAR\CONTROL	Completed																
C#front End	Forms - 2021 sql	in progress																
STATUTORY	(IRS - SHBP)	in progress																
Vision to DB	Convert PAY\MPAYROLL	in progress																
Vision to DB	Convert PAY\PAYROLL	in progress																
Vision to DB	Convert PAY\PREVOID	in progress																
Vision to DB	Convert PAY\VOIDS	in progress																
Vision to DB	Convert SAND\PAYROLL	in progress																
Vision to DB	Convert PAY\MGROSDAT	not started																
Vision to DB	Convert PAY\GROSSDAT	not started																
Vision to DB	Convert PAY\VGROSDAT	not started																
Vision to DB	Convert PAY\XGROSDAT	not started																
Vision to DB	Convert PER\LGROSDAT	not started																
Vision to DB	Convert SAND\GROSSDAT	not started																
Vision to DB	Convert PAY\MDEDUCT	not started																
Vision to DB	Convert PAY\PDEDUCT	not started																
Vision to DB	Convert PAY\VDEDUCT	not started																
Vision to DB	Convert PAY\XDEDUCT	not started																
Vision to DB	Convert SAND\PDEDUCT	not started																

Payroll Change Log Feature in Rel 21.01

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	

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

The screenshot illustrates the process of importing data into Excel. The 'Data' tab is active, and the 'From Other Sources' dropdown menu is open, showing options for connecting to various data sources. The 'From SQL Server' option is highlighted, indicating the source of the data. Below the ribbon, the 'Table Design' task pane is visible, and a table named 'Receipt_Status' is displayed with the following data:

	A	B	C	D	E	AS	CL
	Receipt_ID	Receipt_Date	Receipt_Deposit	Receipt_Amo	RECEIPT_ACCOUNT	Receipt_D	Receipt_Ban
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	236.59	09302099901500000000000000000000	236.59	10

Rel=18.01.00 10/29/2018 DOE 000 C:\DEVSY\ C:\SECOND CYAN

Budget Account Inquiry

ACCT0200

Vr Fnd F Prgm Fnct Objct Fcty B Addt'l
19

PCG Select Budget Account

Option 1. Ent	19-100-0-1021-1000-11300-0198-0-000000 SUBS	0.00
a s	19-100-0-1041-1000-11300-0282-0-000000 SUBS	0.00
	19-100-0-1100-2700-18000-8012-2-000000 INTERSESSION DRIVERS	0.00
Option 2. Ent	19-100-0-1210-2210-81000-0105-3-000000 DUES AND FEES	1,352.30
lin	19-100-0-1210-2210-81000-8010-3-000000 DUES AND FEES	429.30
	19-100-0-1310-2220-11300-0111-0-000000 SUBS	0.00
Option 3. Ent	19-100-0-1310-2220-11300-0197-0-000000 SUBS	0.00
ite	19-100-0-1310-2220-11300-0198-0-000000 SUBS	0.00
	19-100-0-1310-2220-11300-0282-0-000000 SUBS	0.00
	19-100-0-1310-2220-16500-0111-0-000000 MEDIA SPEC	0.00
	19-100-0-1310-2220-16500-0197-0-000000 MEDIA SPEC	0.00
	19-100-0-1310-2220-16500-0198-0-000000 MEDIA SPEC	0.00
	19-100-0-1310-2220-16500-0282-0-000000 MEDIA SPEC	0.00
	19-100-0-1320-2600-89000-8012-7-000000 OTHER EXPENSES	0.00
	19-100-0-1320-2600-89000-8013-7-000000 OTHER EXPENSES	0.00
	19-100-0-1320-2700-11400-8012-0-000000 SUBS	0.00
	19-100-0-1320-2700-14200-8012-0-000000 CLERICAL	1,207.35

Filter string for account: Vr Fnd F Prgm Fnct Objct Fcty B Addt'l Status Filter
19 XXX X XXXX XXXX XXXX XXXX X XXXXXX A

Account Inquiry = F14 = Help for Acct Codes, F16 = EXIT

17.01.00

Rel=18.01.00 10/29/2018 DOE 000 C:\DEVSY\ C:\SECOND CYAN

Budget Account Inquiry

ACCT1

Vr Fnd F Prgm Fnct Objct Fcty B Addt'l Begin Date End Date Status
19 603 0 9600 3100 61000 0282 0 000000 7/01/18 6/30/19 A

Title: HS Supplies
Fund Balance Acct: 740

Org Budget	29,000.00	Jul	2,416.66	1,866.23
		Aug	2,416.67	508.30
----- Accrual Based -----		Sep	2,416.67	
Adj Budget	29,000.00	Oct	2,416.67	
Claims	161.00	Nov	2,416.67	
Disbursed	2,213.53	Dec	2,416.67	
		Jan	2,416.66	
Total Expended	2,374.53	Feb	2,416.67	
Encumbered	.00	Mar	2,416.66	
Balance	26,625.47	Apr	2,416.67	
		May	2,416.66	
		Jun	2,416.67	
Total	29,000.00			2,374.53

Budget 033% *****
Expend 088% ****

F16=Exit, F17=Print Screen

17.01

Financial Accounting & Reporting Payroll Personnel CPI Help Setup

Financial Account Inquiry

Year: 2019

Fund: 603 - SFS-MCHS Program: 9600 - SFS UNDISTRI. Function: 3100 - EXP SCHOOL NUTR

Object: Select Object... Facility/Building: Select Facility/Building...

Line	YY Fnd Prgm Fnct Objct Fcty B Addt'l	Account Name	Budget	Expended	Remaining	Status
9.	19-603-0-9600-3100-33200-0282-0-000000	HS FP	49.00	0.00	0.00	A
10.	19-603-0-9600-3100-41000-0282-0-000000	HS Water/Sewer	300.00	25.00	0.00	A
11.	19-603-0-9600-3100-43000-0282-0-000000	HS Rep/Maint.	10,000.00	1,155.52	0.00	A
12.	19-603-0-9600-3100-49000-0282-0-000000	HS Purch/prof	0.00	0.00	0.00	A
13.	19-603-0-9600-3100-52000-0282-0-000000	HS Ins Bonds	500.00	200.00	0.00	A
14.	19-603-0-9600-3100-53000-0282-0-000000	HS Postage & phone	50.00	0.00	0.00	A
15.	19-603-0-9600-3100-58000-0282-0-000000	HS Travel	100.00	0.00	0.00	A
16.	19-603-0-9600-3100-59100-0282-0-000000	HS Commodity Hauling	1,200.00	0.00	0.00	A
17.	19-603-0-9600-3100-61000-0282-0-000000	HS Supplies	29,000.00	2,374.53	0.00	A
18.	19-603-0-9600-3100-61100-0282-0-000000	HS Computer Supplies	100.00	0.00	0.00	A
19.	19-603-0-9600-3100-61200-0282-0-000000	HS Computer Software	0.00	0.00	0.00	A
20.	19-603-0-9600-3100-61500-0282-0-000000	HS Exp Equip	0.00	0.00	0.00	A
21.	19-603-0-9600-3100-61600-0282-0-000000	HS comp. equip	1,000.00	0.00	0.00	A
22.	19-603-0-9600-3100-62000-0282-0-000000	HS Electricity	10,000.00	0.00	0.00	A
23.	19-603-0-9600-3100-63000-0282-0-000000	HS Food Purchased	215,000.00	0.00	0.00	A
24.	19-603-0-9600-3100-63500-0282-0-000000	HS Food Acquisitions USDA	43,811.00	0.00	0.00	A
25.	19-603-0-9600-3100-73000-0282-0-000000	HS Other Equip.	10,000.00	0.00	0.00	A
26.	19-603-0-9600-3100-73400-0282-0-000000	HS Purch. Comp.	0.00	0.00	0.00	A
27.	19-603-0-9600-3100-81000-0282-0-000000	HS Registration	1,900.00	0.00	0.00	A
28.	19-603-0-9600-3100-89000-0282-0-000000	HS Other Exp.	600.00	0.00	0.00	A

<Prev Page 1 of 1 Next> 1 Display 50 records per page. Go to Page: 1 Go 28 record(s) meeting criteria.

YY Fnd Prgm Fnct Objct Facility/B Addt1 Begin Date End Date Status
19 603 9600 3100 61000 0282 0 000000 07/01/2018 06/30/2019 A Edit...

Title: HS Supplies
Fund Balance Acct: 740

Original Budget	29,000.00	Jul	2,416.66	1,866.23
----- Accrual Based -----		Aug	2,416.67	508.30
		Sep	2,416.67	
Adjusted Budget	29,000.00	Oct	2,416.67	
Claims	161.00	Nov	2,416.67	
Disbursed	2,213.53	Dec	2,416.67	
		Jan	2,416.66	
Total Expended	2,374.53	Feb	2,416.67	
Encumbered	0.00	Mar	2,416.66	
Remaining Funds	26,625.47	Apr	2,416.67	
		May	2,416.66	
		Jun	2,416.67	
Total	29,000.00			2,374.53

Budget 33% ██████████
Expend 8% ██████

19-603-0-9600-3100-61000-0282-0-000000

Expenditure Detail Report: [Print]

PC Genesis SQL DOE-ATENN-W10\SQLXPRESSPCG

Financial Accounting & Reporting Payroll Personnel CPI Help Setup

List/Show Personnel

Active Inactive Terminated CPI Not CPI
 Employee 3rd Party Contractor

Name/SSN: Filter

Line	Name	SS Num	Status	CPI	Emp	3rd
10.	Armstrong, Christopher Everett	155 55 5119	Active	Y	Y	N
11.	Arroyo, Emerson Terrence	438 55 3888	Active	Y	Y	N
12.	Ashley, Jeremiah Terrell	817 55 1787	Active	Y	Y	N
13.	Atkins, Scarlett Taylor	165 55 5542	Active	Y	Y	N
14.	Avery, Jonathan Jeffrey	197 55 9762	Active	Y	Y	N
15.	Ayala, Kyler Harold	624 55 2412	Active	N	Y	N
16.	Baker, Amelia Rosemary	402 55 0292	Active	Y	Y	N
17.	Baldwin, Celia Marie	687 55 8706	Active	N	Y	N
18.	Barker, Luke Brandon	834 55 3499	Active	N	Y	N
19.	Barnett, Timothy Sidney	142 55 2941	Active	Y	Y	N
20.	Barrera, Desmond Richard	206 55 6271	Active	Y	Y	N
21.	Barrera, Joseph Wilson	228 55 8987	Active	Y	Y	N
22.	Barrett, Ruben Michael	186 55 6199	Active	Y	Y	N
23.	Barron, Lillian Edith	165 55 5834	Active	N	Y	N
24.	Bass, Marvin Sidney	110 55 0590	Active	Y	Y	N
25.	Bates, Clarence Adrian	127 55 7428	Active	Y	Y	N
26.	Bates, Roger Jared	782 55 8235	Active	N	Y	N
27.	Baxter, Alma Lillianna	131 55 1945	Active	Y	Y	N
28.	Baxter, Fletcher Marcos	157 55 7362	Active	Y	Y	N
29.	Baxter, Mark Jude	123 55 3911	Active	Y	Y	N
30.	Bean, Barbara Cecilia	851 55 5180	Active	Y	Y	N
31.	Bean, Belinda Tess	364 55 6435	Active	Y	Y	N
32.	Beck, Yadira Anna	950 55 5090	Active	N	Y	N
33.	Becker, Marie Adeline	922 55 2289	Active	Y	Y	N
34.	Beltran, Anna Rosemary	179 55 9190	Active	Y	Y	N
35.	Benitez, Ernest Kenny	298 55 6007	Active	Y	Y	N
36.	Benson, Deborah Cristal	100 55 0696	Active	Y	Y	N
37.	Bentley, Jane Edith	190 55 0238	Active	N	Y	N
38.	Benton, Graham Derick	172 55 2184	Active	Y	Y	N
39.	Beny, Derick Jeremv	213 55 3057	Active	Y	Y	N

564 met search criteria.

***** Active ***** **Becker, Marie Adeline** 922-55-2289

BUS DRIVER - SEP: SUBSTITUTE PERSONNEL

Person Information Employment Record CPI Information Earnings History Education/Experience

Person Information

Prefix: First Name: Middle: Last Name: Suffix:

SSN: Birth Date: Gender: Male Female Marital Status: Married Single Death Date:

Address

Street address (Line 1): (Line 2):

City: State: Zip: -

County:

Contact

Home Phone: Cell Phone: E-mail:

Demographic EEO-5 and CPI Ethnic/Race

Ethnic:

Hispanic/Latino Ethnicity
 Race (Select all that apply):
 Am Indian Alaskan
 Black
 White
 Asian
 Hawaiian Pacific

The Hispanic/Latino Ethnicity field is necessary in order to support EEO-5 reporting and file transmission to the Federal government.

The Race field is necessary in order to support EEO-5 reporting and file transmission to the Federal government.

Status



PC Genesis SQL DOE-ATENN-W10\SQLXPRESSPCG

Financial Accounting & Reporting Payroll Personnel CPI Help Setup

List/Show Personnel

Active
 Inactive
 Terminated
 CPI
 Not CPI

Employee
 3rd Party Contractor

Name/SSN: Filter

Line	Name	SS Num	Status	CPI	Emp	3rd
1.	Acosta, Charlotte Catherine	526 55 2605	Active	Y	Y	N
2.	Acosta, Jadon Tanner	159 55 9322	Active	Y	Y	N
3.	Alexander, Javon Robert	646 55 4698	Active	Y	Y	N
4.	Allison, Elliot Graham	705 55 8697	Active	Y	Y	N
5.	Alvarado, Desmond Conrad	395 55 9535	Active	Y	Y	N
6.	Alvarez, Jeremy Ethan	165 55 5891	Active	N	Y	N
7.	Anderson, Kylan Kaleb	585 55 8557	Active	N	Y	N
8.	Andrews, Bernard Wilson	160 55 0171	Active	N	Y	N
9.	Anthony, Graham Alexander	737 55 3706	Active	N	Y	N
10.	Armstrong, Christopher Everett	155 55 5119	Active	Y	Y	N
11.	Arroyo, Emerson Terrence	438 55 3888	Active	Y	Y	N
12.	Ashley, Jeremiah Terrell	817 55 1787	Active	Y	Y	N
13.	Atkins, Scarlett Taylor	165 55 5542	Active	Y	Y	N
14.	Avery, Jonathan Jeffrey	197 55 9762	Active	Y	Y	N
15.	Ayala, Kyle Harold	624 55 2412	Active	N	Y	N
16.	Baker, Amelia Rosemary	402 55 0292	Active	Y	Y	N
17.	Baldwin, Celia Marie	687 55 8706	Active	N	Y	N
18.	Barker, Luke Brandon	834 55 3499	Active	N	Y	N
19.	Barnett, Timothy Sidney	142 55 2941	Active	Y	Y	N
20.	Barrera, Desmond Richard	206 55 6271	Active	Y	Y	N
21.	Barrera, Joseph Wilson	228 55 8987	Active	Y	Y	N
22.	Barrett, Ruben Michael	186 55 6199	Active	Y	Y	N
23.	Barron, Lillian Edith	165 55 5834	Active	N	Y	N
24.	Bass, Marvin Sidney	110 55 0590	Active	Y	Y	N
25.	Bates, Clarence Adrian	127 55 7428	Active	Y	Y	N
26.	Bates, Roger Jared	782 55 8235	Active	N	Y	N
27.	Baxter, Alma Lillianna	131 55 1945	Active	Y	Y	N
28.	Baxter, Fletcher Marcos	157 55 7362	Active	Y	Y	N
29.	Baxter, Mark Jude	123 55 3911	Active	Y	Y	N
30.	Bean, Barbara Cecilia	851 55 5180	Active	Y	Y	N
31.	Bean, Belinda Tess	364 55 6435	Active	Y	Y	N
32.	Beck, Yadira Anna	950 55 5090	Active	N	Y	N
33.	Becker, Marie Adeline	922 55 2289	Active	Y	Y	N

564 met search criteria.

***** Active ***** **Becker, Marie Adeline** **922-55-2289**

BUS DRIVER - SEP; SUBSTITUTE PERSONNEL

Person Information | Employment Record | **CPI Information** | Earnings History | Education/Experience

Employment Record Log

Emp ID	Status	Job Description	Primary Work Location	Hire Date	Termination Date	Re-Hire Date
1. 791	Active	BUS DRIVER - SEP	TRANSPORTATION FACILITY	09/12/1979		
2. 30791	Active	SUBSTITUTE PERSONNEL	SUBSTITUTE PERSONNEL	08/01/2012		
3. 90791	Terminated	PARAPROFESSIONAL - SEP	RANDOM COUNTY PRIMARY SC...	09/12/1979	05/30/2012	

Employment Record Record Status: **A - Active** Emp No: **791**

Job Information | Pay Processing Setup | Health Insurance | Tax/Pension Withholding | Deductions | Leave | Y-T-O

Job Information Include on CPI? Sick Bank Participant?

Rehire Date: Termination Date: Eligible for Rehire?

Hire Date: 9/12/1979

Background Check Date:

Pay Location: 8012 - TRANSPORTATION FACILITY

Primary Work Location: 8012 - TRANSPORTATION FACILITY

Annual Work Days: 178

Hours Per Day: 4 Days Per Week: 5 Hours Per Week: 20 Months/Yr: 10

Job Description: 000016 - BUS DRIVER - SEP

PERS Job Description: 000016 - BUS DRIVER - SEP

EE05 Job Code: A16 - Service Workers

Job Classification: 000016 - BUS DRIVER - SEP

TRS Job Classification: Unknown

Certified Status: Non-Certified

Paraprofessional Status: Non-Paraprofessional

Work Schedule: Full Time

Instructional Status: Non-Instructional

Number of Pay Periods: 12

Substitute Pay Rank: Not Applicable

Salary

Cycle Gross: 962.04

State of GA funded Annual Salary:

Locally funded Annual Salary: 11,544.43

Other Funded Annual Salary:

Contracted Total Annual Amount: 11,544.43

Override_Exempt_from_Leave_Accrual?

Leave Reason maximum Days: 0.0000

Adjusted Leave Eligibility Date:



Detail of Expenditure Report: 19-603-0-9600-3100-61000-0282-0-000000

25502

Report Date: 10/29/2018 11:06:47 AM

Print Print Layout Page Setup Excel PDF Word

DETAIL OF EXPENDITURES BY ACCOUNT

ACCOUNT: 19-603-0-9600-3100-61000-0282-0-000000

VENDOR-SEQ	VENDOR NAME	DATE	AMOUNT	TOTAL CLAIM	STATUS	CHECK NO
00112234-9876	ACME Corporation	07/18/2018	154.00	154.00	PAID	14183
12123452-6543	Lunchables Inc.	07/18/2018	161.00	161.00	PAID	14180
23215489-0922	Lead Pencil Supplies Inc.	08/03/2018	161.00	161.00	OPEN	
23154683-4318	Peoples Paper LLP	07/16/2018	46.00	107.00	PAID	14172
45831795-3218	Myers Cables	07/20/2018	144.04	144.04	PAID	14186
27651908-9080	Frontier & Company	08/01/2018	118.33	118.33	PAID	14215
23570883-0909	Nexus Supplies	08/06/2018	191.52	351.66	PAID	14218
34265667-4325	Roundtree & Squartree	07/30/2018	1,105.36	2,332.28	PAID	14199
12436767-2536	Diamond Pearl LLP	07/26/2018	161.00	161.00	PAID	14194
34563214-4532	AT&T	08/03/2018	132.28	132.28	PAID	14217
56789436-3457	Best Landscaper	07/31/2018	94.83	94.83	CANCELLED	
****TOTAL****			2,469.36			

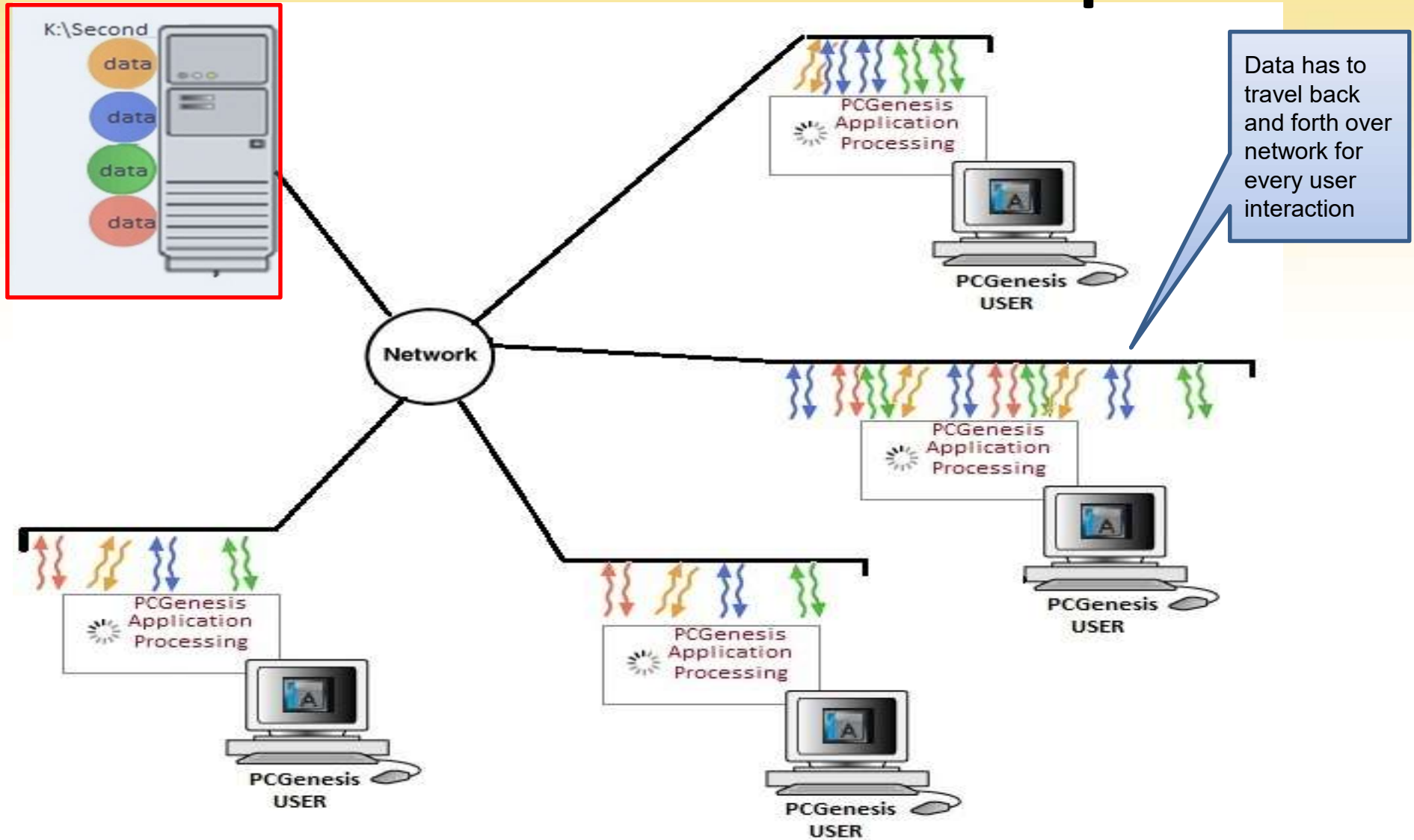


Site Recommendations

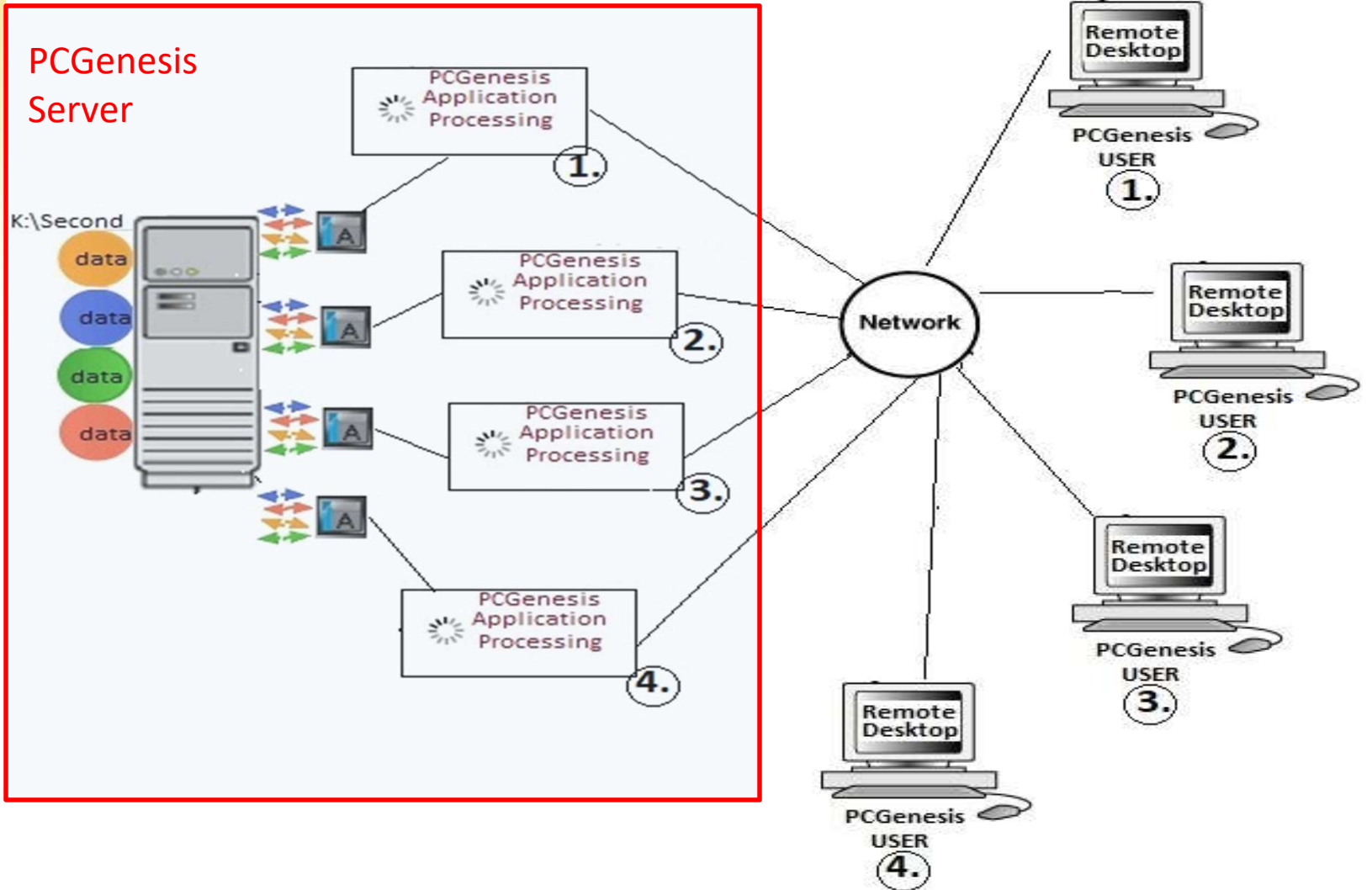
- Upgrade any server > 5 years old
- Implement **Remote Desktop** access !!!!
- Weekly full system backup of **K:*.*** (Retain 3 weeks)
- Daily backup of data (**K:\SECOND** and **K:\PCGSQldb**) to CD/DVD/USB (Retain for 1 month)



PCGenesis run on User Computer



PCGenesis through Remote Desktop



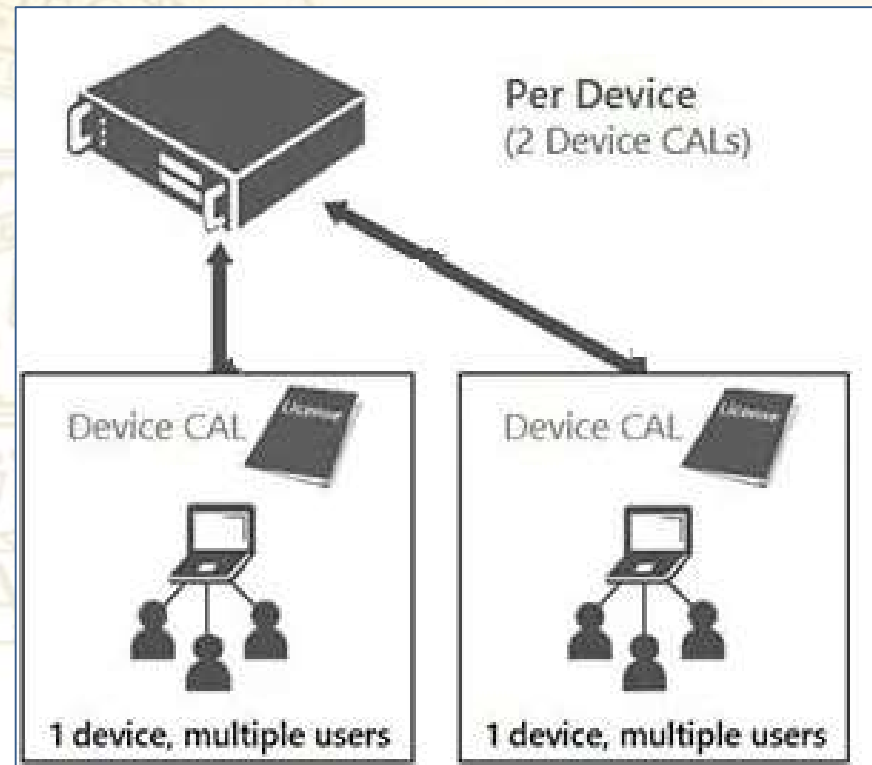
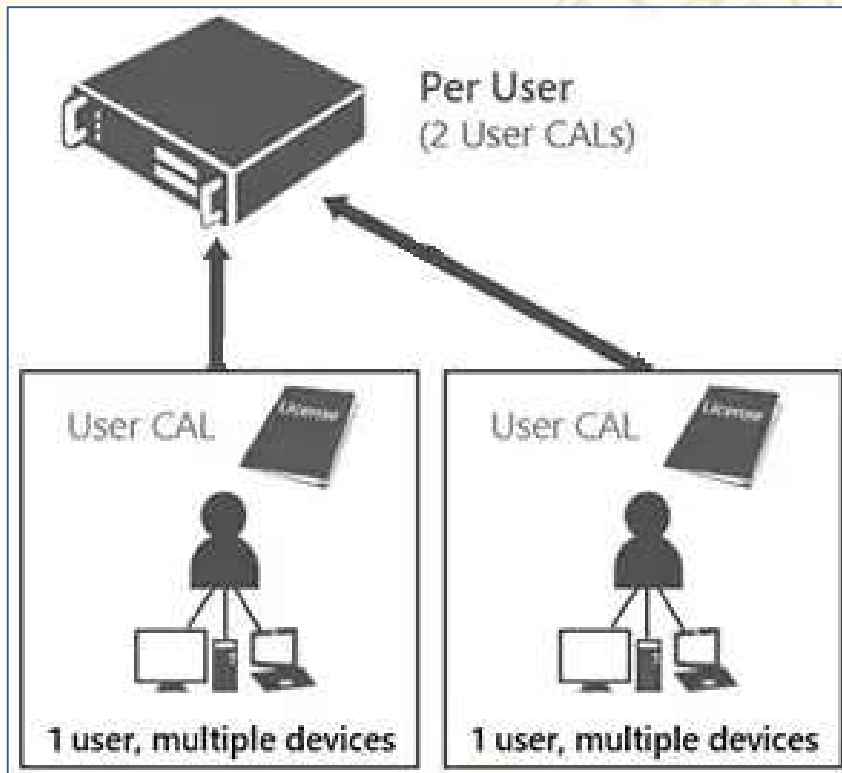
Remote Desktop Licensing

Client Access License (CAL)

based on user

1-User CAL \$199.00
5-User CAL \$779.00

based on device



Ransomware

What is ransomware?

Ransom malware, or ransomware, is a type of malware that prevents users from accessing their system or personal files and demands ransom payment in order to regain access.

How do you get ransomware?

The most common method today is through malicious spam, or malspam, which is unsolicited email that is used to deliver malware.

The email might include booby-trapped attachments, such as PDFs or Word documents. It might also contain links to malicious websites.

How do you get ransomware?

Transferred from connected devices

If Windows malware is on the smartphone, you plug it into your computer, and autorun is running, the Windows-based malware could start running and infect your machine.

Do not charge your devices using your USB port.



Encrypting Ransomware

This is the one we have been seeing in our districts. The perpetrators snatch up your files and encrypt them, demanding payment in order to decrypt and redeliver. The reason why this type of ransomware is so dangerous is because once cybercriminals get ahold of your files, no security software or system restore can return them to you.

Unless you contact the cybercriminals and pay the ransom, they're gone. Even if you pay them, there is no guarantee will give you those files back.

Who do ransomware authors target?

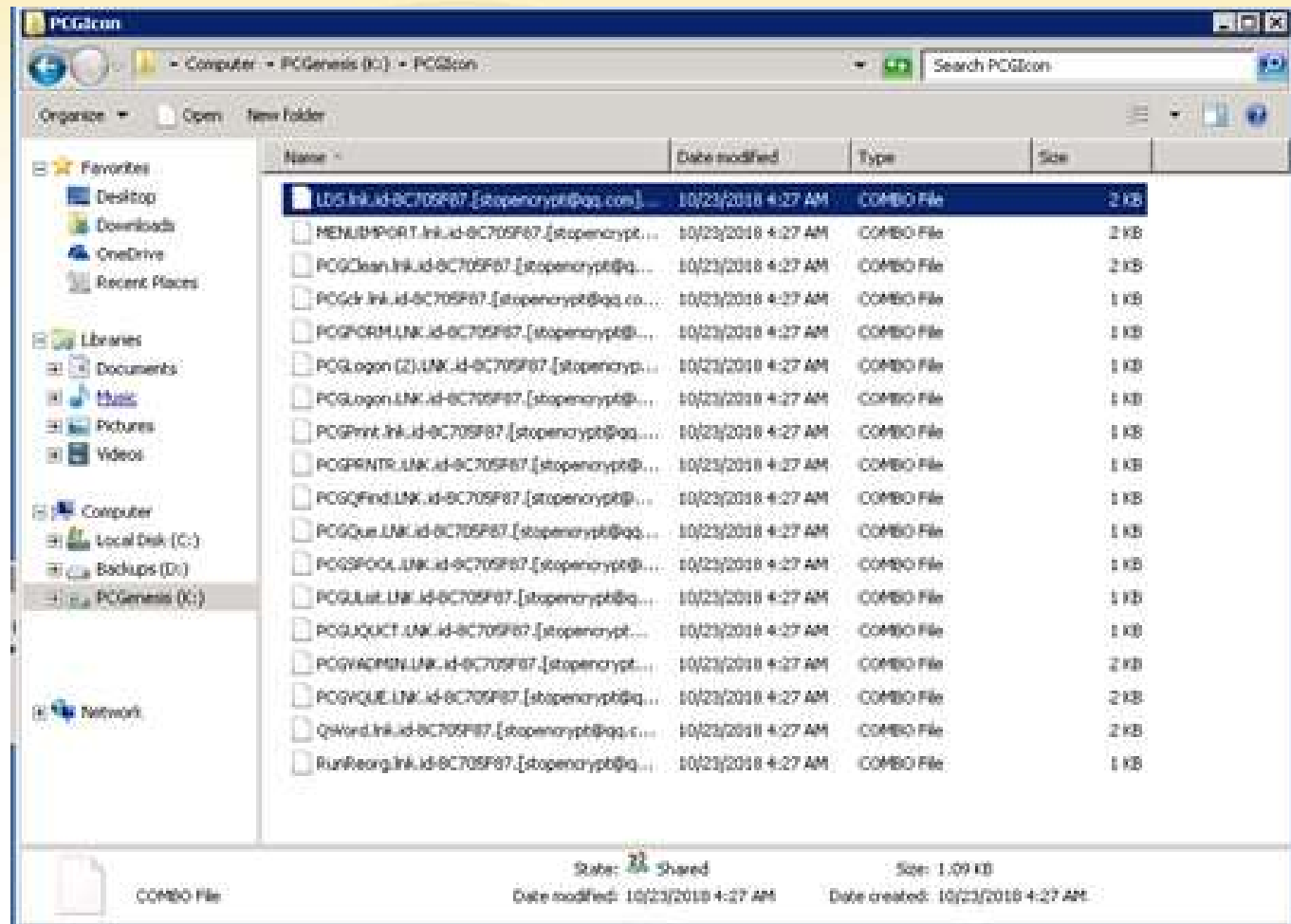
When ransomware was first unleashed, its initial victims were sent to the general public.

However, they began to realize its full potential when they rolled out ransomware to businesses and now public institutions, such as school districts. Multiple Georgia districts have already been hit.



How do you know if you have been infected?

Filenames will all be changed, nothing works and everything you click sends you to a website announcing to fix your files for a fee.



What to do if infected?

The number one rule if you find yourself infected with ransomware is to **never pay the ransom.**

(This is now advice endorsed by the FBI.)

Nothing on a computer exposed to ransomware can be trusted. The computer must be completely reformatted.



How to recover from a ransomware attack

- Due to multiple attacks, we now can advise districts on streamlining the recovery effort.
- If you see your PCGicon folder files looking distorted, you have been infected. The entire PCGenesis server has been compromised and must be reformatted. Nothing on this server should be trusted.
- Please contact the DOE immediately for instructions on moving forward in the event of a ransomware attack.

How to protect from ransomware

- Create secure daily backups of your PCGenesis data to a new thumb drive and label with date and time.
- Invest in cybersecurity—a program with real-time protection that’s designed to thwart advanced malware attacks such as ransomware. You should also look out for features that will both shield vulnerable programs from threats (an anti-exploit technology) as well as block ransomware from holding files hostage (an anti-ransomware component).

Be sure your systems and software are updated. The WannaCry ransomware outbreak took advantage of a vulnerability in Microsoft software. While the company had released a patch for the security loophole back in March 2017, many folks didn’t install the update—which left them open to attack.

- We recommend changing your settings to enable automatic updating.

Backing up PCGenesis data files

BACKUP GUIDELINES		
✓	Step	Action
	1	<p>Include a full backup of <i>K:*. *</i> in the site's standard server backup process</p> <ul style="list-style-type: none"> ▶ Recommend full backup of <i>K:*. *</i> <u>every night</u> if possible <ul style="list-style-type: none"> • Minimum of one full backup of <i>K:*. *</i> every week (Required) • Retain at least 4 weeks of <i>K:*. *</i> (Required)
	2	<p>Daily backup of <i>K:\SECOND*. *</i> and <i>K:\PCGSQldb*. *</i> (Required)</p> <ul style="list-style-type: none"> • Use of CD, DVD, or USB is recommended • Nightly backup following each work day • Nightly media may remain under control of PCG administrator • Proper security and offsite storage measures (Required) • Retain daily backups of <i>K:\SECOND*. *</i> and <i>K:\PCGSQldb*. *</i> for 4 weeks (Required) • Retain one daily backup each month of <i>K:\SECOND*. *</i> and <i>K:\PCGSQldb*. *</i> for at least one year (Required)
	3	<p>PCGenesis data is <u>split</u> between files contained in the directory <i>K:\SECOND</i> and the <i>SQL Server</i> database tables located in <i>K:\PCGSQldb</i>. Therefore, it is very important to backup <i>K:\PCGSQldb*. *</i> and <i>K:\SECOND*. *</i> during the nightly backup. One directory cannot be backed up without the other directory, and they must be maintained together.</p>

Thumb drives now can hold up to a terrabyte of data.

You can get multi packs of thumb drives cheaply eg 10 pack of 16 gig each for \$30

Thank you for attending!



Richard Woods, Georgia's School Superintendent
"Educating Georgia's Future"

11/9/2021

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