

Data Gyration: Queries & Pivots

By: Luke Brandreth

Introduction

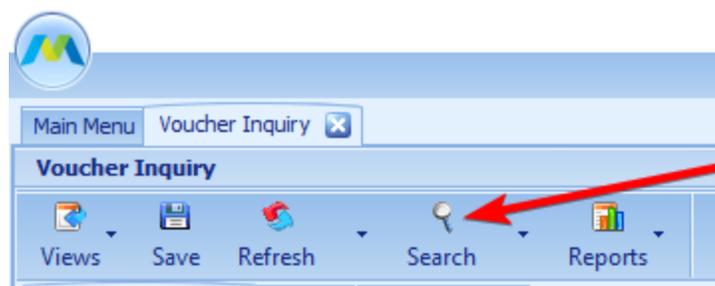
Multiview is based largely on the concept of your data being accessed, manipulated, and reviewed through a search system, cell grids, and pivot tables. This documentation will explain the various functions and tools to assist you in accessing this data effectively and efficiently to bring you closer to your main goal: End-Month-End.

This document will serve as a refresher for the experienced user, or a guide for a new user and will include the functions of the search criteria queries, grid manipulation, pivot table creation, and developing reports and alerts from your queries and pivots.

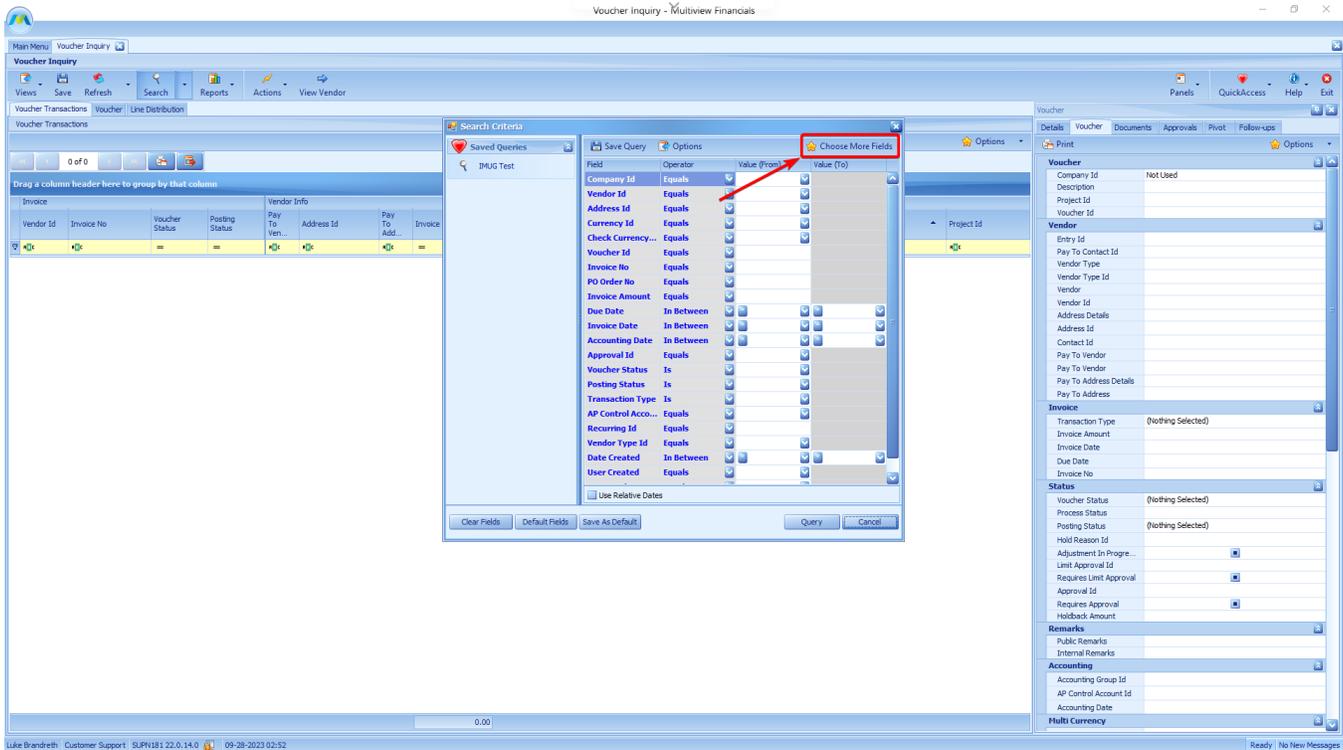
Search Criteria

Search Field Customization

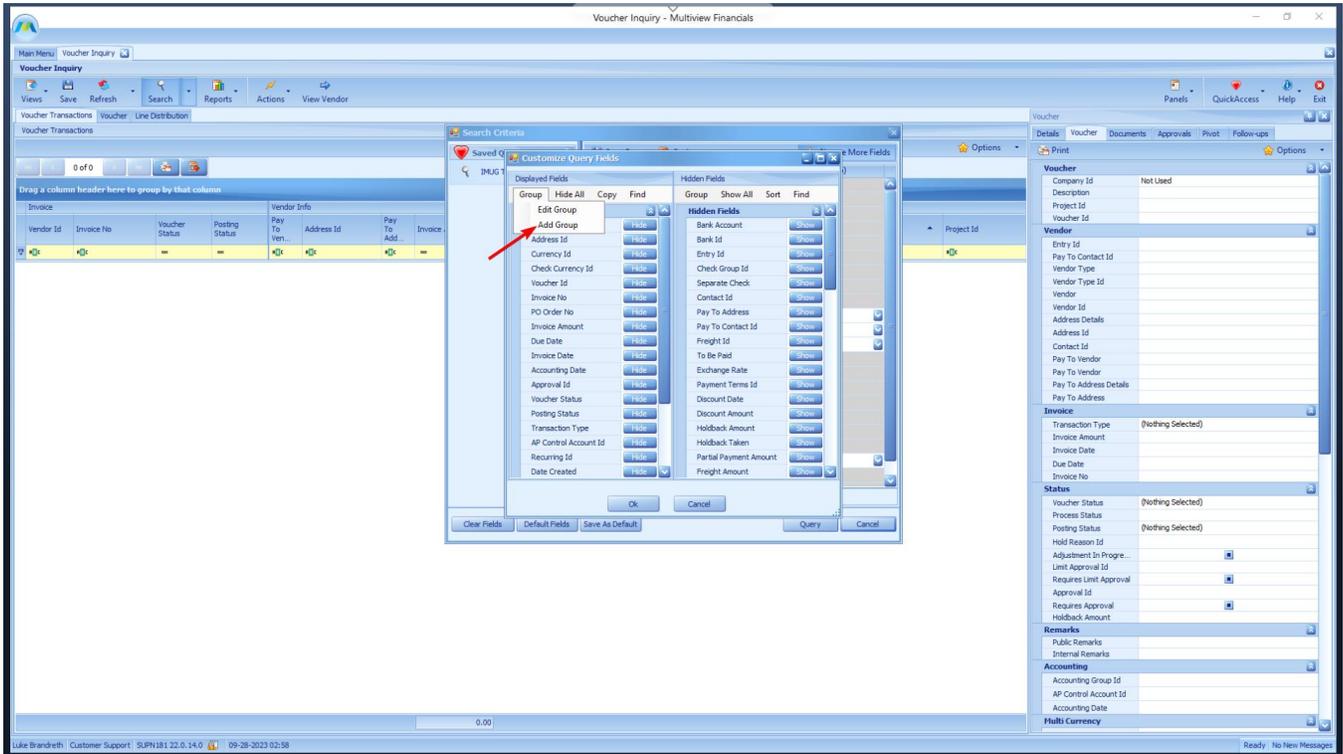
Multiview grids are populated with data that can be drilled into via various fields. The first step of this drill down occurs in the Search Criteria window. This window appears automatically upon opening many screens but can also be accessed via the “Search” button located in the top toolbar.



In this document, the focus will be on the Voucher Inquiry screen. On this screen, the Search Criteria window will automatically open. This window is built with various fields that can assist in the first level of drilling down into the data that is desired to be displayed on the main grid of the screen. The fields that are displayed in this search can be customized by using the “Choose More Fields” button in the top right corner of the window.



This will open a secondary window titled “Customize Query Fields” which offers several functions to organize the data in a way that suits the user. “Group” allows a user to build a header to group together similar fields. An example of this is containing vendor data in a group, such as Vendor Id, Pay to Vendor, and Vendor Type Id. Clicking Add Group will bring up a pop-up to name the group and then will place a new group at the bottom of the column you chose to group on, most likely the left Displayed Fields column.



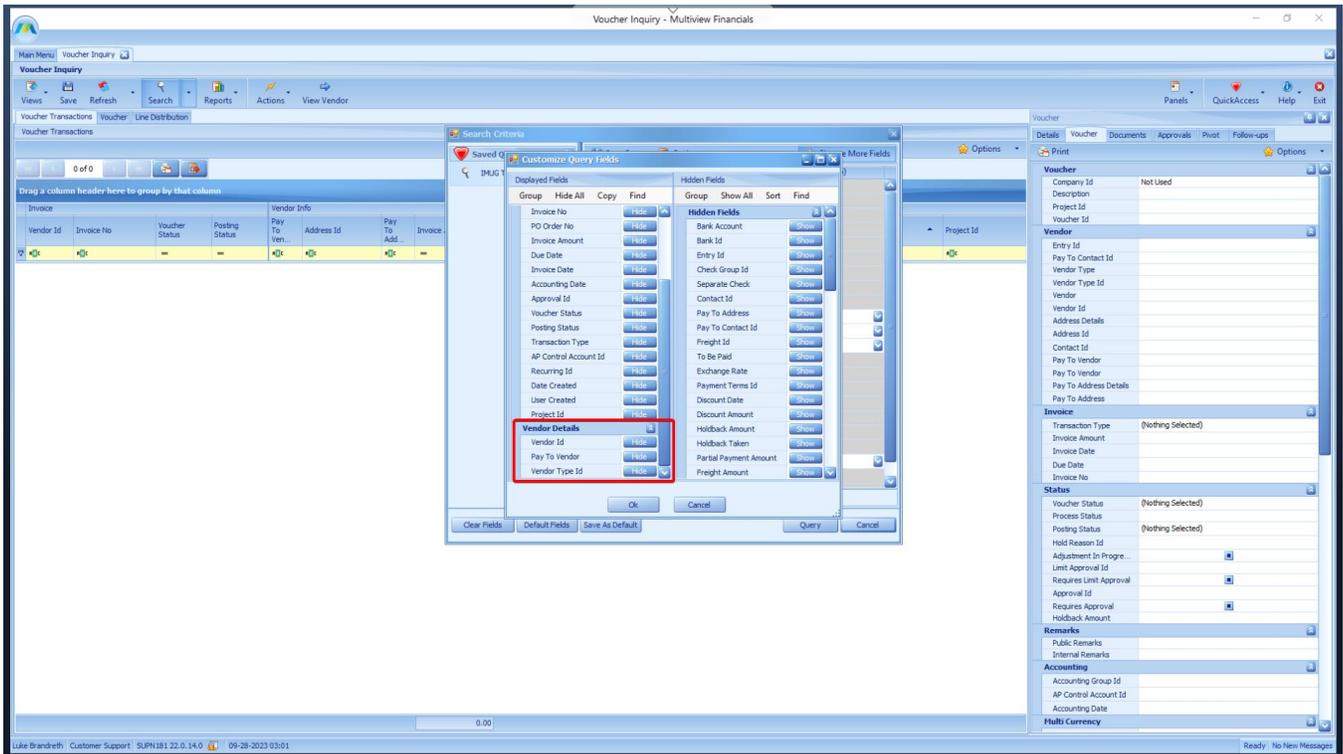
Voucher Inquiry - Multiview Financials

Search Criteria: Saved

Customize Query Fields

Group	Hide All	Copy	Find	Group	Show All	Sort	Find
Invoice				Bank Account			
Address Id				Bank Id			
Currency Id				Entry Id			
Check Currency Id				Check Group Id			
Voucher Id				Separate Check			
Invoice No				Contact Id			
PO Order No				Pay To Address			
Invoice Amount				Pay To Contact Id			
Due Date				Freight Id			
Invoice Date				To Be Paid			
Accounting Date				Exchange Rate			
Approval Id				Payment Terms Id			
Voucher Status				Discount Date			
Posting Status				Discount Amount			
Transaction Type				Holdback Amount			
AP Control Account Id				Holdback Taken			
Recurring Id				Partial Payment Amount			
Date Created				Freight Amount			

Buttons: Clear Fields, Default Fields, Save As Default, Query, Cancel



Voucher Inquiry - Multiview Financials

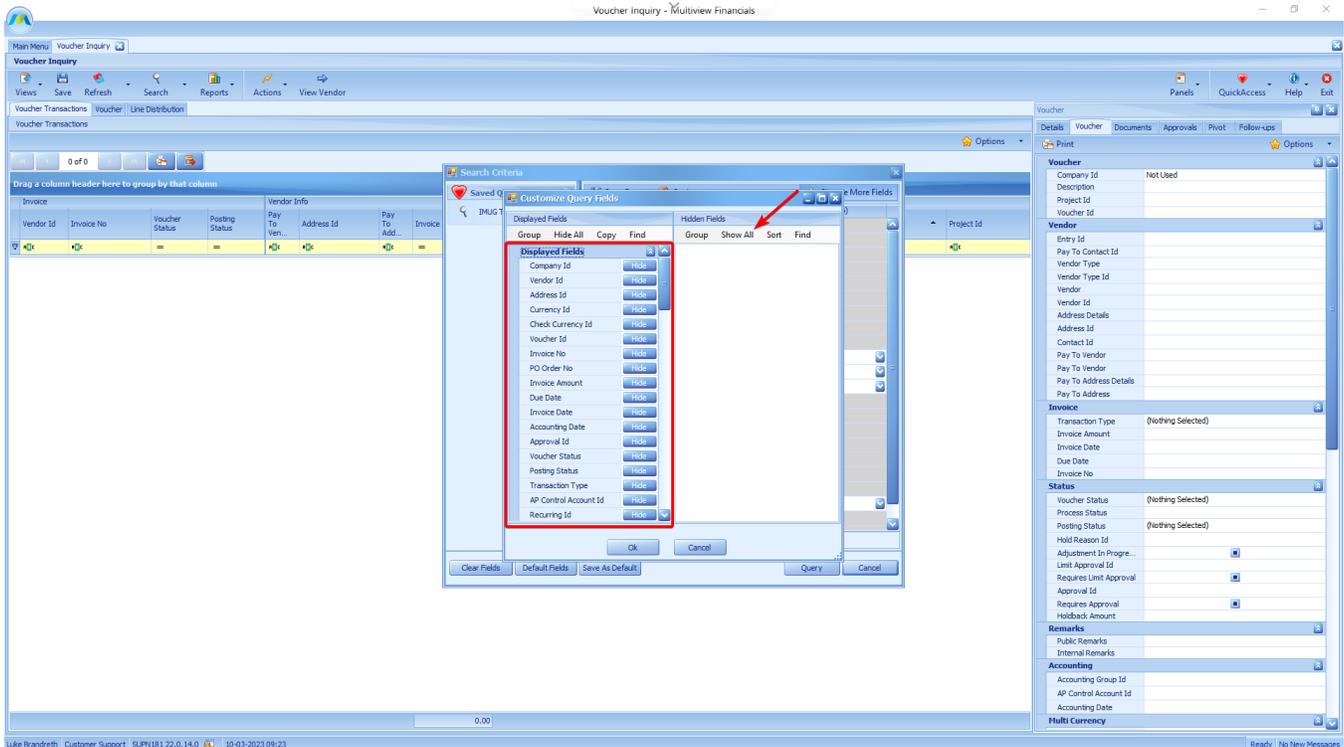
Search Criteria: Saved

Customize Query Fields

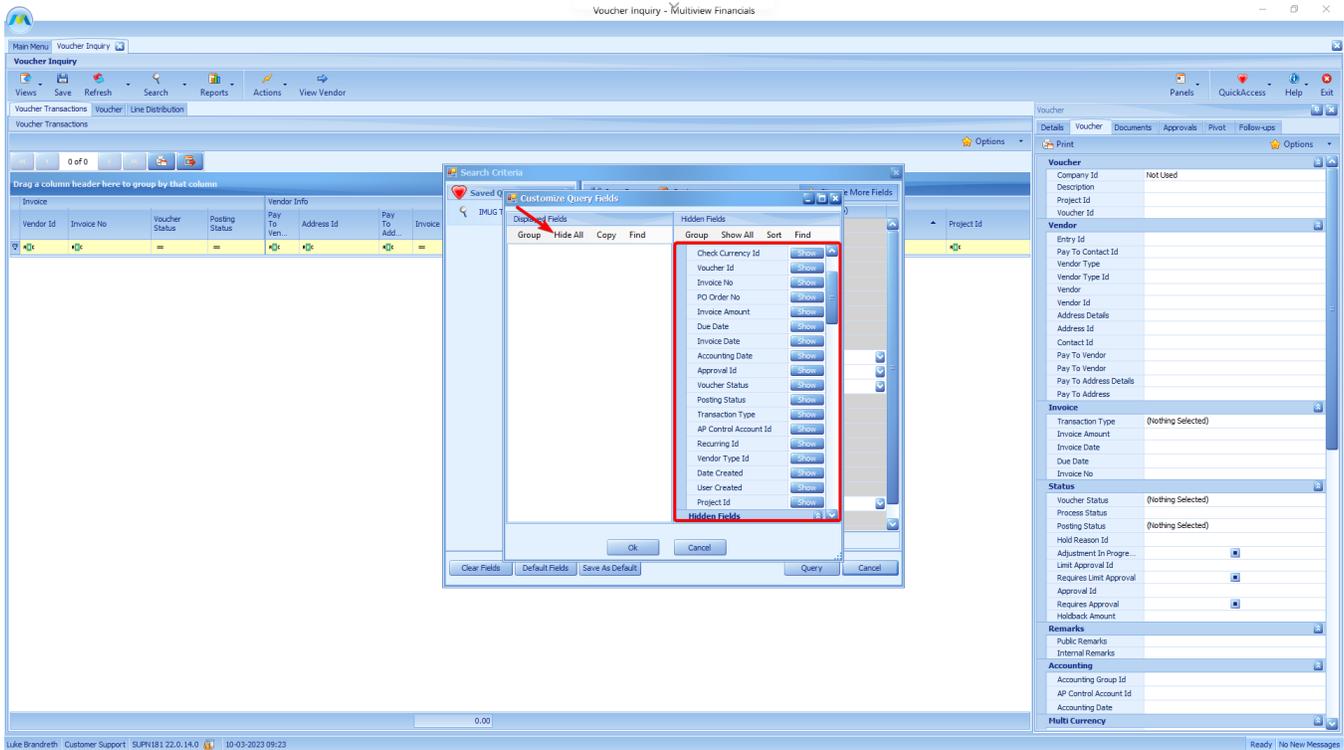
Group	Hide All	Copy	Find	Group	Show All	Sort	Find
Invoice No				Bank Account			
PO Order No				Bank Id			
Invoice Amount				Entry Id			
Due Date				Check Group Id			
Invoice Date				Separate Check			
Accounting Date				Contact Id			
Approval Id				Pay To Address			
Voucher Status				Pay To Contact Id			
Transaction Type				Freight Id			
AP Control Account Id				To Be Paid			
Recurring Id				Exchange Rate			
Date Created				Payment Terms Id			
User Created				Discount Date			
Project Id				Discount Amount			
Vendor Details				Holdback Amount			
Vendor Id				Holdback Taken			
Pay To Vendor				Partial Payment Amount			
Vendor Type Id				Freight Amount			

Buttons: Clear Fields, Default Fields, Save As Default, Query, Cancel

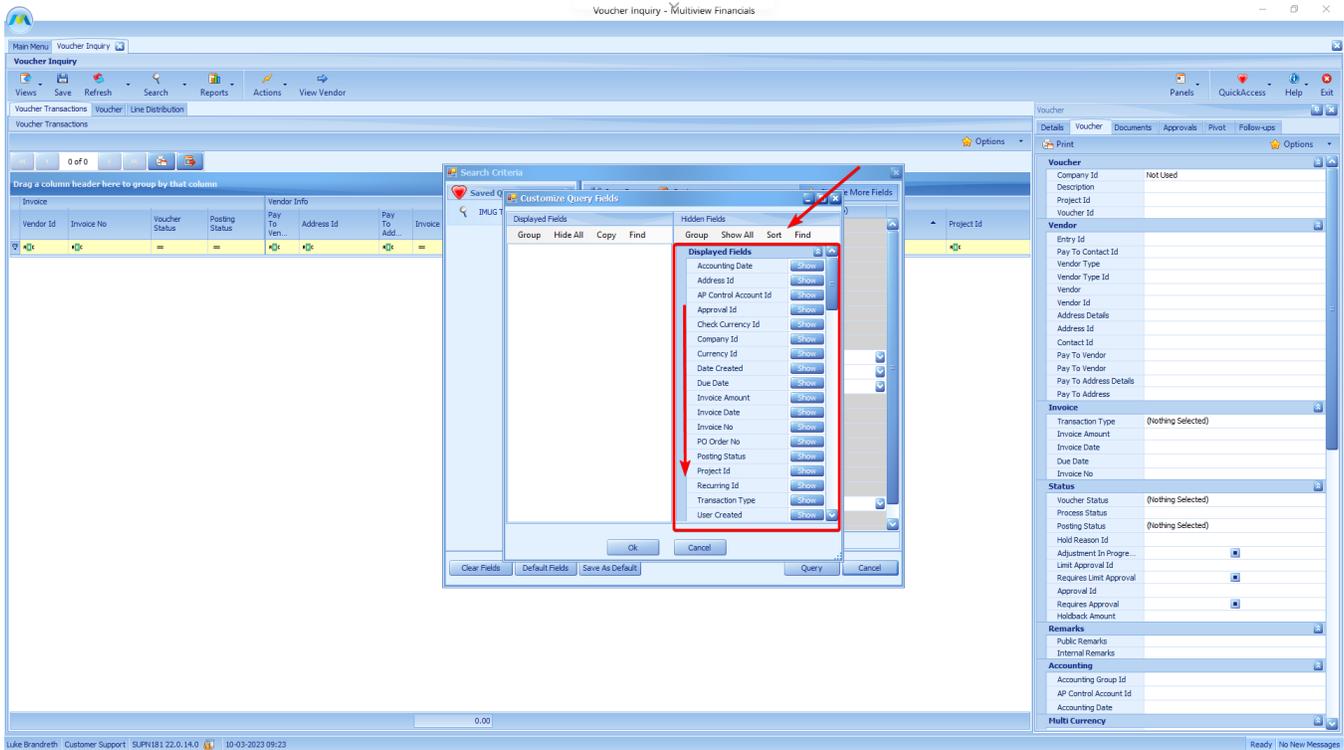
Two complimentary buttons in this screen are “Hide All” and “Show All.” The “Show All” button moves all the fields from the right Hidden Fields section to the left Displayed Fields section. The “Hide All” button completes the opposite, moving the fields from the left Displayed Fields section to the right Hidden Fields section.



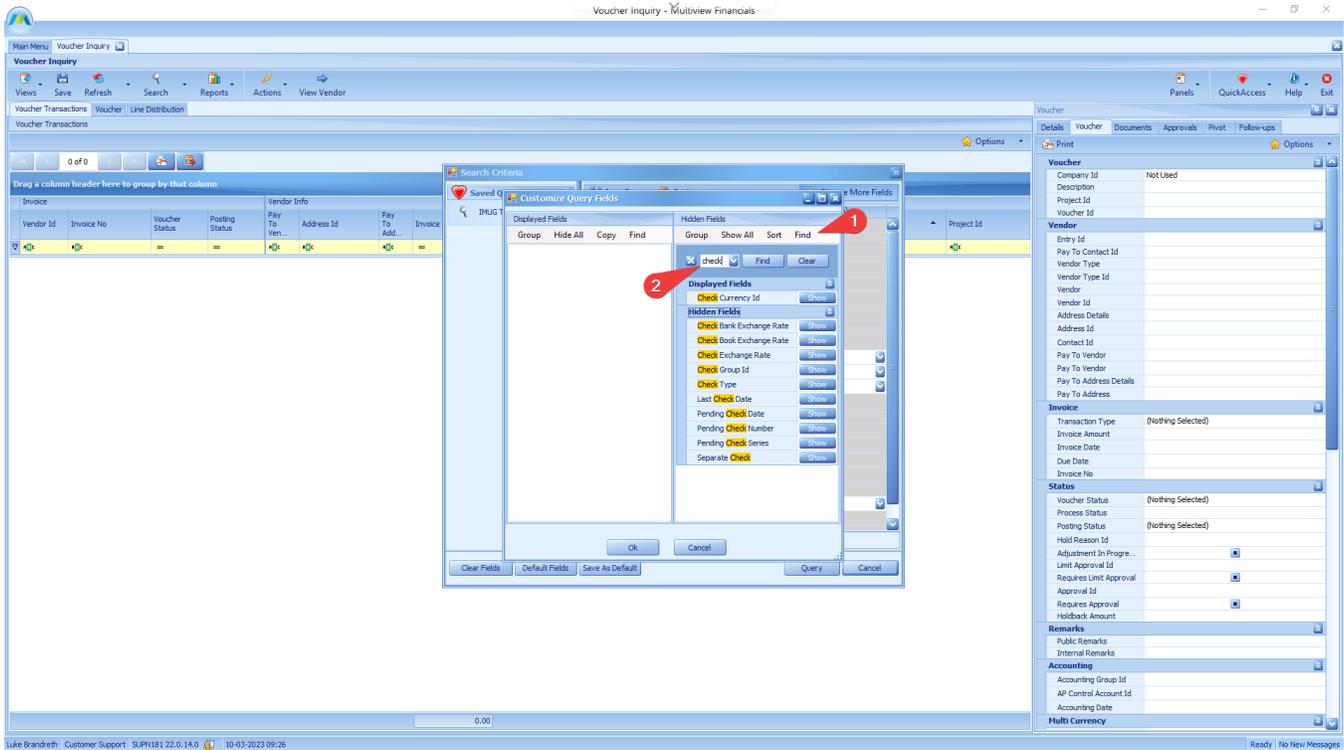
The screenshot displays the 'Voucher Inquiry - Multiview Financials' application window. A 'Customize Query Fields' dialog box is open, allowing users to manage which fields are displayed in the main grid. The dialog is divided into two sections: 'Displayed Fields' and 'Hidden Fields'. Each section contains a list of fields with a 'Hide' button next to them. In the 'Hidden Fields' section, there are additional buttons: 'Group', 'Show All', and 'Sort'. A red box highlights the 'Displayed Fields' list, and a red arrow points to the 'Show All' button. The background shows a grid of voucher data with columns for Invoice, Vendor Info, and Payment details. A details panel on the right shows fields like Company Id, Description, Project Id, and Vendor information.



The “Sort” button on the right-side panel allows you to organize the Hidden Fields by alphabetical order (A to Z) to better assist with finding your needed fields.

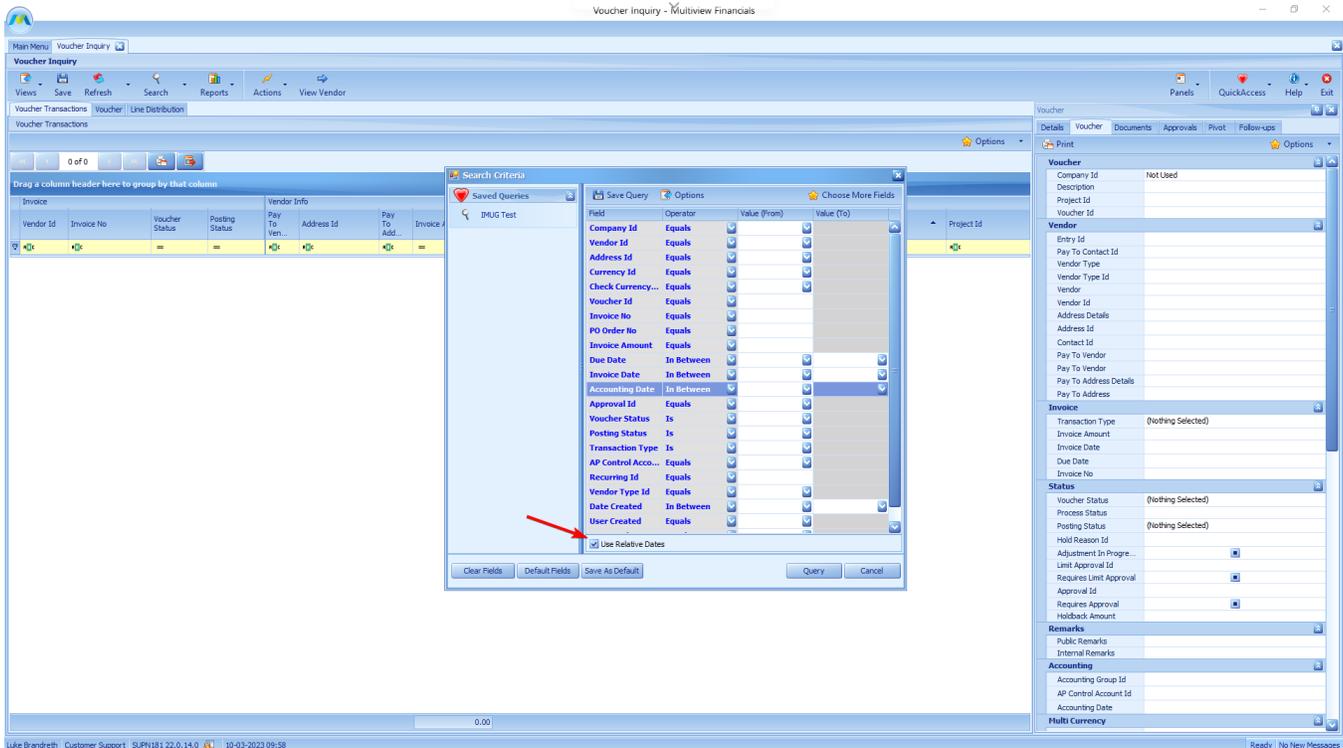


The “Find” button will enable a search field on either side of the screen where you can type keywords to search for a specific field you need. The characters you search for can be located anywhere in the field name and do not need to be at the start of the field name.



Relative Dates

Relative Dates is a feature that allows a code to be used instead of a specific date to define a date value in a Query. To enable Relative Dates, you need to click the checkbox in the bottom left corner.



Relative dates allow you to use a code such as **From = CMB To = T** in the date search fields, meaning Current Month Begin to Today.

The purpose of Relative Date Codes is to allow you to save parameterized reports/queries/alerts with date patterns so that the report can be scheduled to run daily or at some frequent schedule.

Relative Date Codes

A relative date code can be in 1 of 2 formats – a specific date or a Date Code. If the code is an 8-digit number, then it is a specific date in YYYYMMDD format. If it is not an 8-digit number, then it will interpret as a Date Code.

YYYYMMDD or AAA or AAA+BBBC or AAA-BBBC

Legend	Meaning
YYYY	Year 1900 and up
MM	01 – 12 month
DD	01 – 31 day
AAA	A date code such as CMB, CME, T, Y, etc.
BBB	A number to add or subtract Offset Type (Days, Weeks, Years) to the resultant date
C	A single character Offset Type such as D = Days, W = Weeks, Y = Years

The following table shows the Date Code (AAA) values that are currently supported:

Legend	Meaning
T	Today
Y	Yesterday
CMB	Current Month Begin
CME	Current Month End
LMB	Last Month Begin
LME	Last Month End
CWB	Current Week Begin
CWE	Current Week End
LWB	Last Week Begin
LWE	Last Week End
CYB	Current Year Begin
CYE	Current Year End
LYB	Last Year Begin
LYE	Last Year End
LAD	Last Alert Date. Used with VP Alerts to indicate the date this alert was last run. Use LAD for dates that do not have time (Accounting Date, etc.)
LAT	Last Alert Time. Used with VP Alerts to indicate the date/time this alert was last run. Use LAT for dates that have time (Date Created, etc.)

Important: Note that year and month are currently "Calendar Year" based.

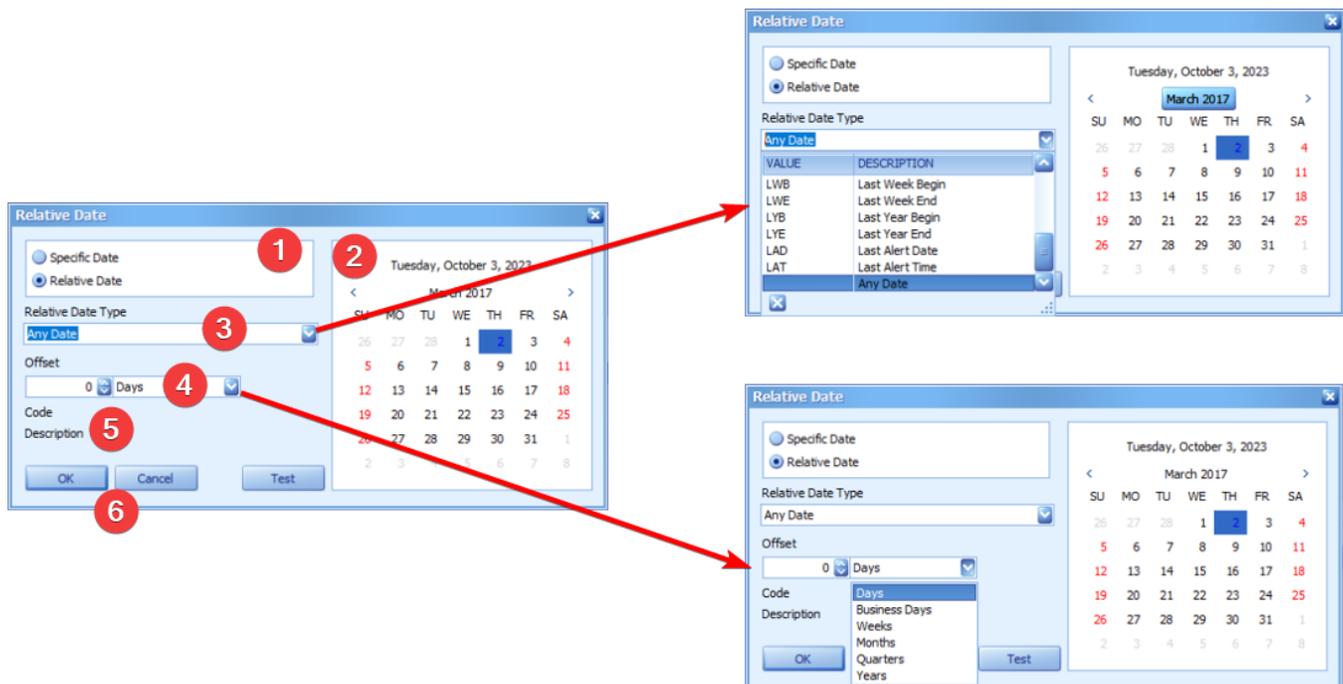
The following table shows Offset Type (C) codes:

Offset Type	Meaning
D	Days: The resultant date will be + or – BBB number of days
B	Business Days: The resultant date will be + or – BBB Number of business (week) days and will skip Saturday and Sunday
W	Weeks: The resultant date will be + or – BBB number of weeks
M	Months: The resultant date will be + or – BBB number of months
Q	Quarters: The resultant date will be + or – BBB number of quarters
Y	Years: The resultant date will be + or – BBB number of years

Relative Date LOV

To assist in creating the above codes, any field that is a relative date code will have a Relative Date LOV (List of Values) to help you construct the code.

The following picture shows the Relative Date LOV with 6 key areas:



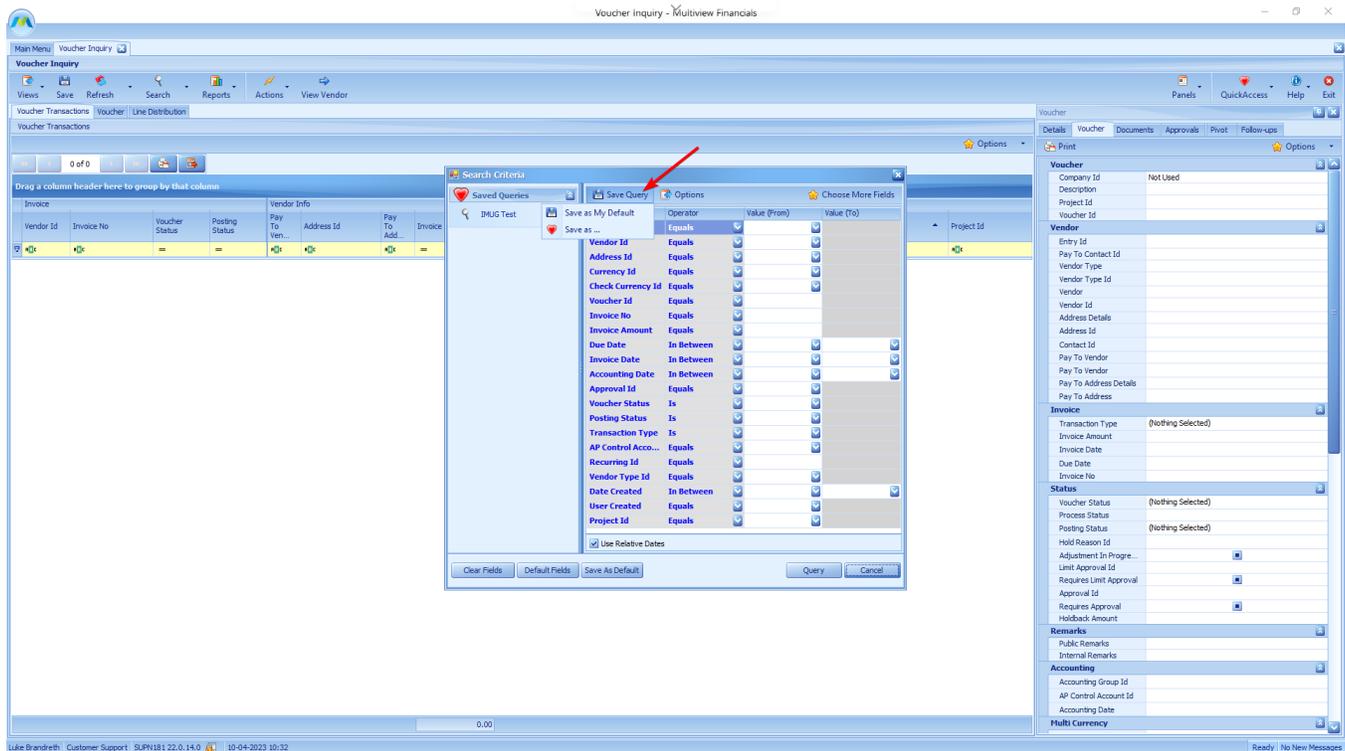
LOV Area	Use
1 Specific/Relative Radio Button	Select if you want a specific or relative date. Note that when you select a specific date in area 2, this value automatically changes to “Specific Date.” If you change anything in areas 3, 4, or 5, this automatically changes to “Relative Date.”
2 Calendar	Select any date you want to set the code to be the YYYYMMDD specific date value.
3 Relative Date Code	Use the drop-down to select a code such as T, Y, CMB, etc.
4 Offset	Use the Number Up/Down to indicate + or – number of Days, Weeks, Months, etc. Use the drop-down to specify days, weeks, etc.
5 Result Display	This area displays the current Code derived by your settings and a description of that code.
6 Buttons	Use OK to accept, Cancel to exit with changing, or Test to indicate what the result would be based on relative to Today.

Defaults and Saved Queries

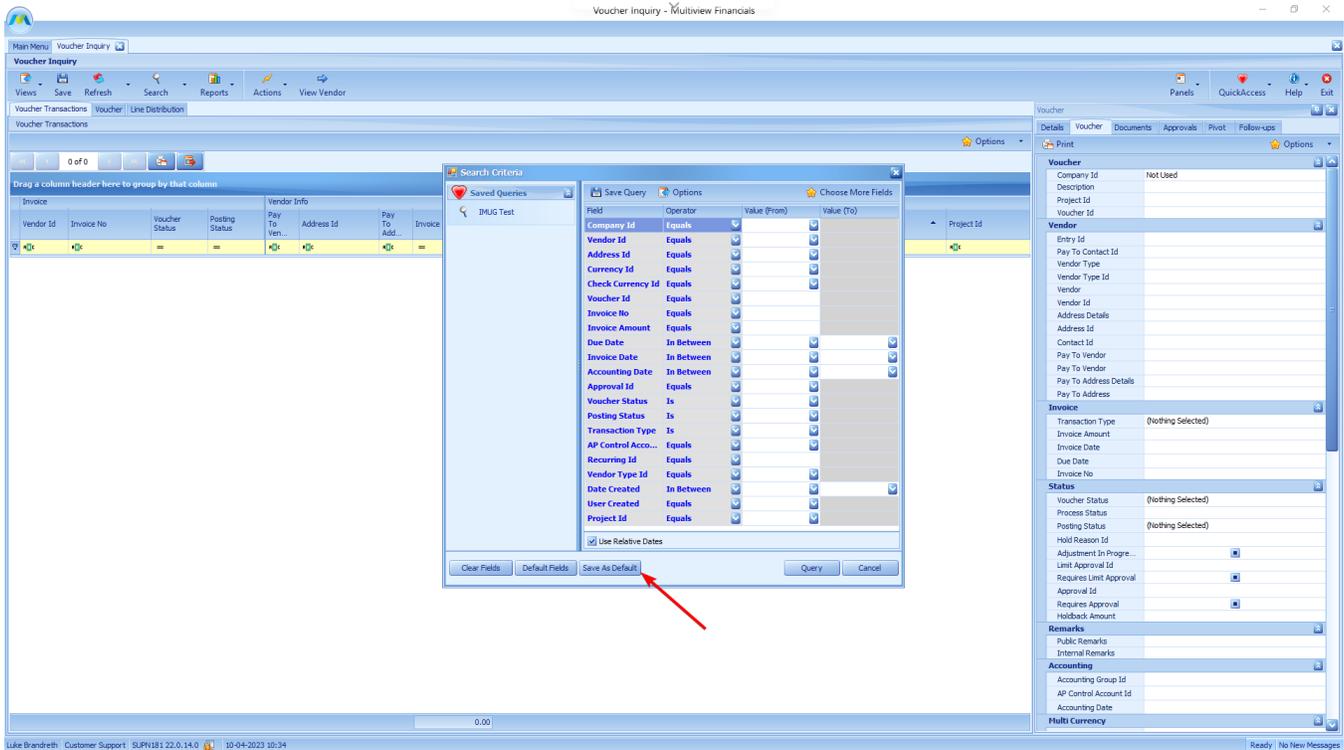
Multiview has the capability to create saved search parameters in the form of either Defaults or Saved Queries. These features will allow you to format your query screen with any fields you desire and save the layout to access in the future.

Additionally, the Defaults and Saved Queries will also save if you have activated the Relative Dates checkbox.

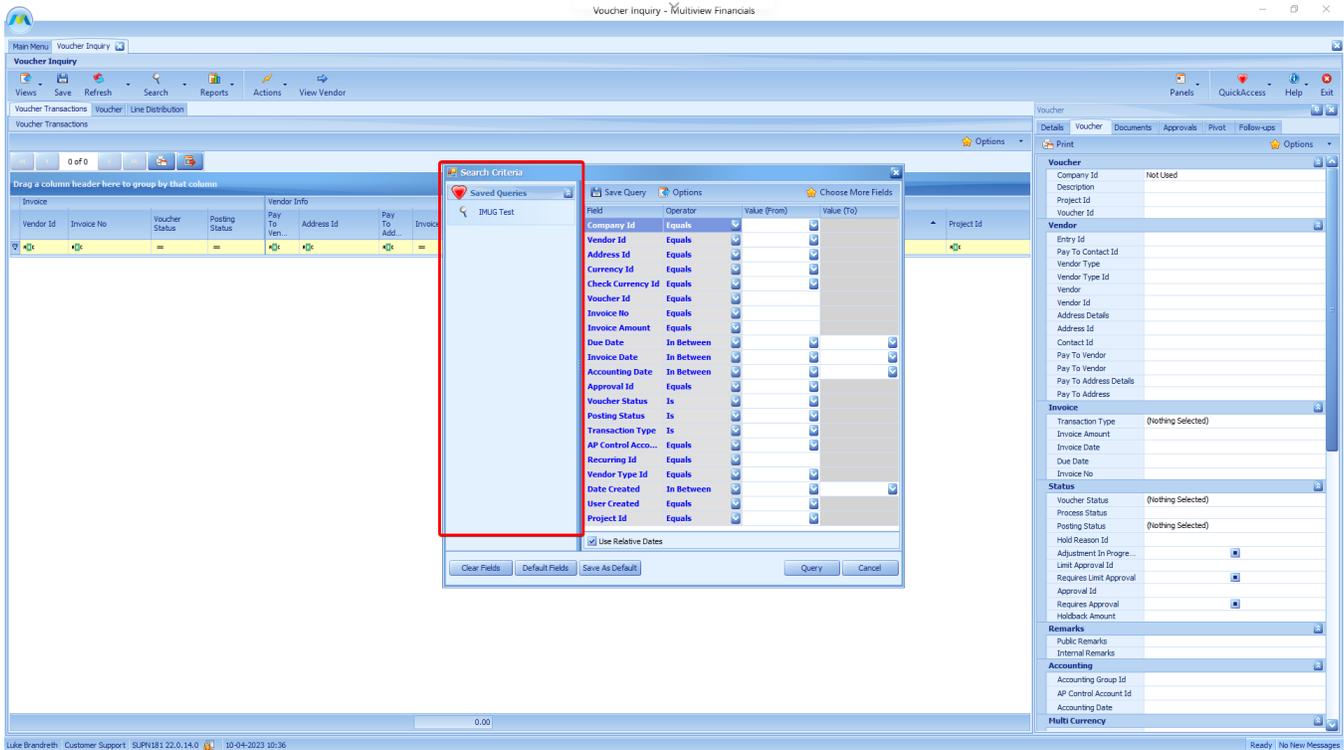
To create either of these, the first step is to customize your fields as you desire. Next, you will click the "Save Query" button. You will either choose to "Save as My Default" or "Save As."



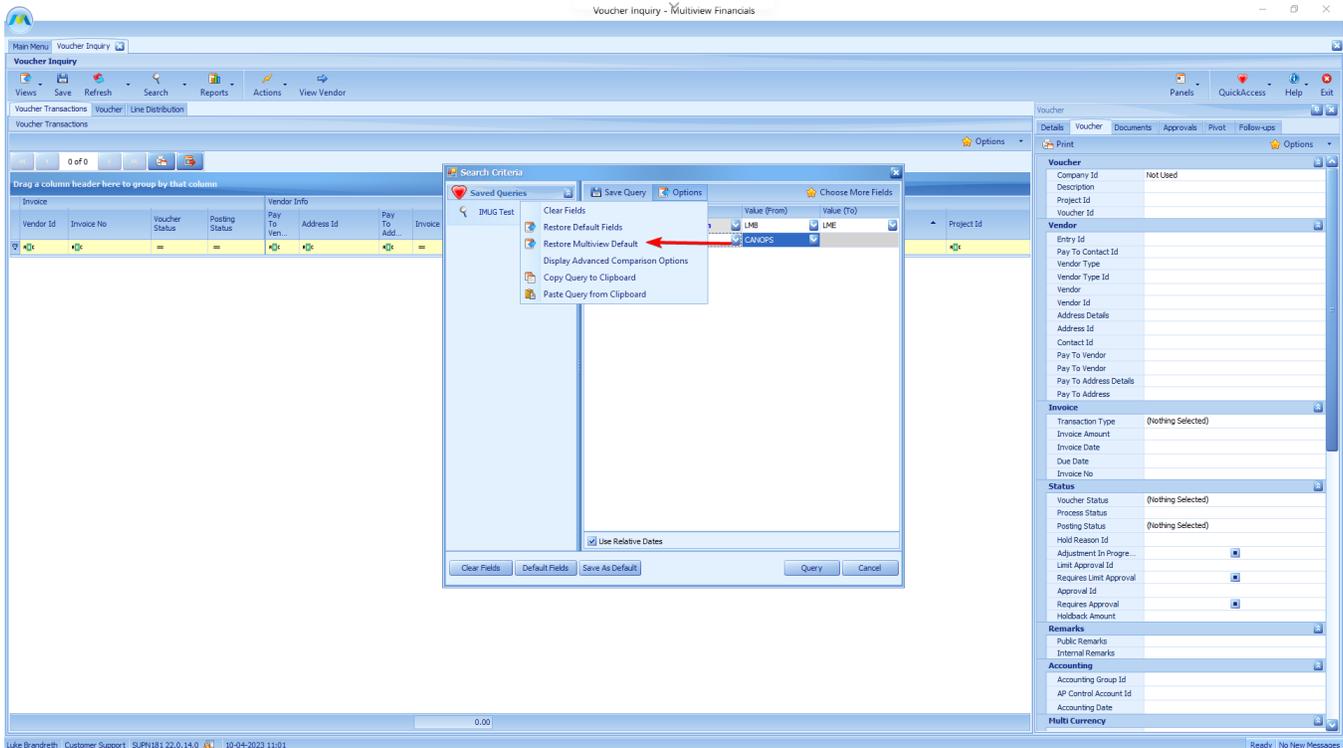
Saving as your default will make it so that every time you open this specific query, it will open with your saved Default layout. You can also Save as Default at the bottom of the query screen:



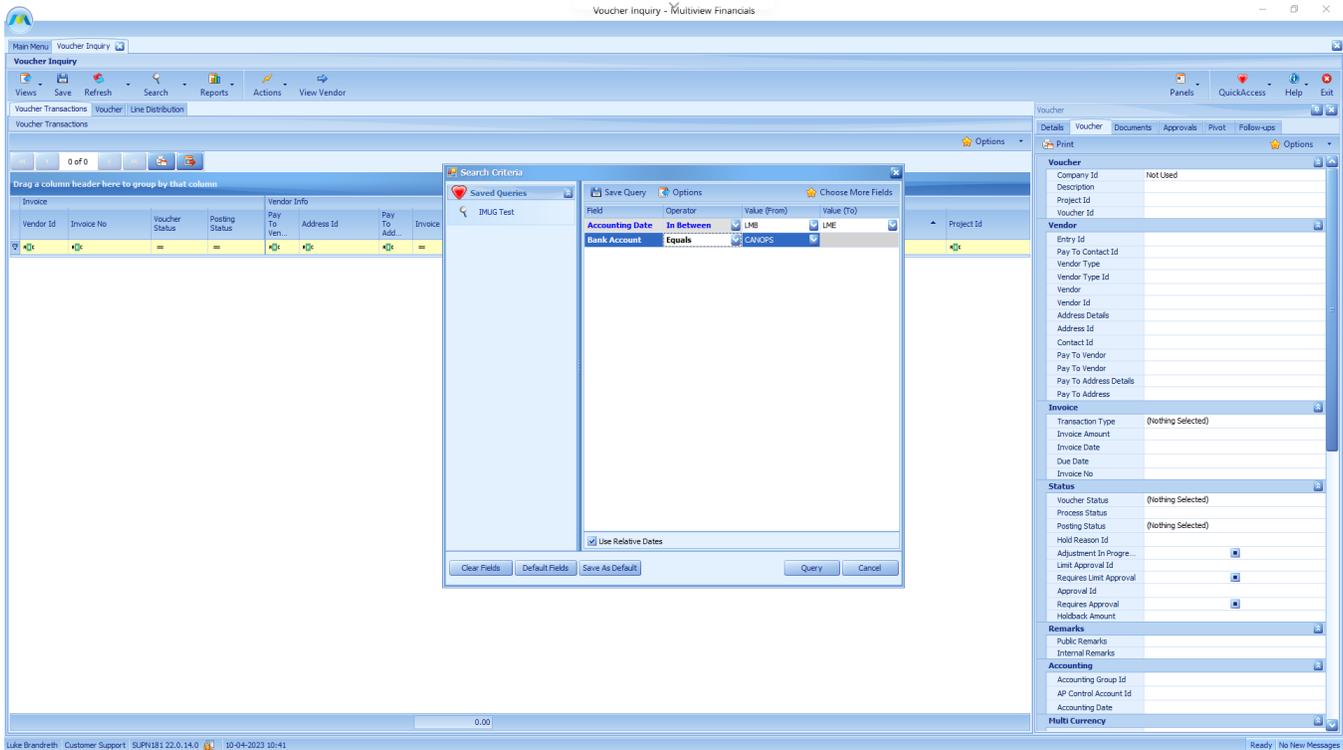
If you want to save a query separately from your default, you will click “Save As” and will be prompted with a screen to name the query. After you save the name, the new Saved Query will appear in the left of your Search Criteria screen under Saved Queries:



If you desire to switch back to the Default designed by Multiview for a query, simply click on Options, then use the “Restore Multiview Default” button.



A major difference between Saved Queries and Default Queries is that a Saved Query will save the contents entered in the Value columns. For example, if you often need to look at a previous month's vouchers for a specific Bank Account, you can enter the Relative Dates codes as well as the Bank Account, save the query, and access it on the left panel at your convenience:



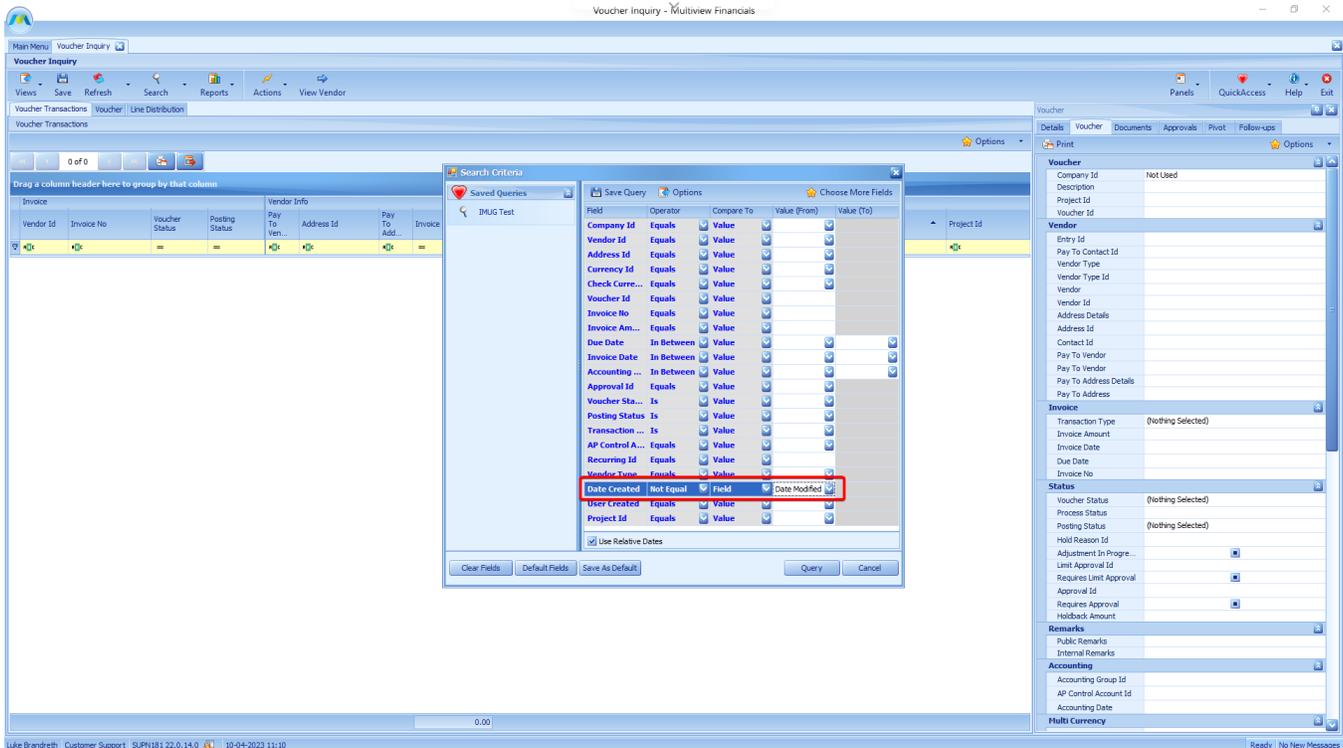
Other Options

Back in the Options menu, there are other features that are described in the table below:

Options Button	Use
Clear Fields	Removes all entered data in the Value columns
Restore Default Fields	Restores the fields to your My Default layout
Restore Multiview Default	Restores the fields to the standard Multiview Default layout
Copy Query to Clipboard	Copies data to paste into another query screen
Paste Query from Clipboard	Pastes the copied data into another query screen

The last option not listed in the table above is “Display Advanced Comparison Options.” Using this button creates a new column titled “Compare To.” A great use of this tool is comparing one field to another field. For this example the desire is to determine which vouchers have been modified on a different date than they were created.

Change the Operator to “Not Equal” and the Compare To to “Field.” Then choose “Date Modified” in the Value (From) column. Now this search will find all vouchers in the system that have a Date Modified that is different than the Date Created.

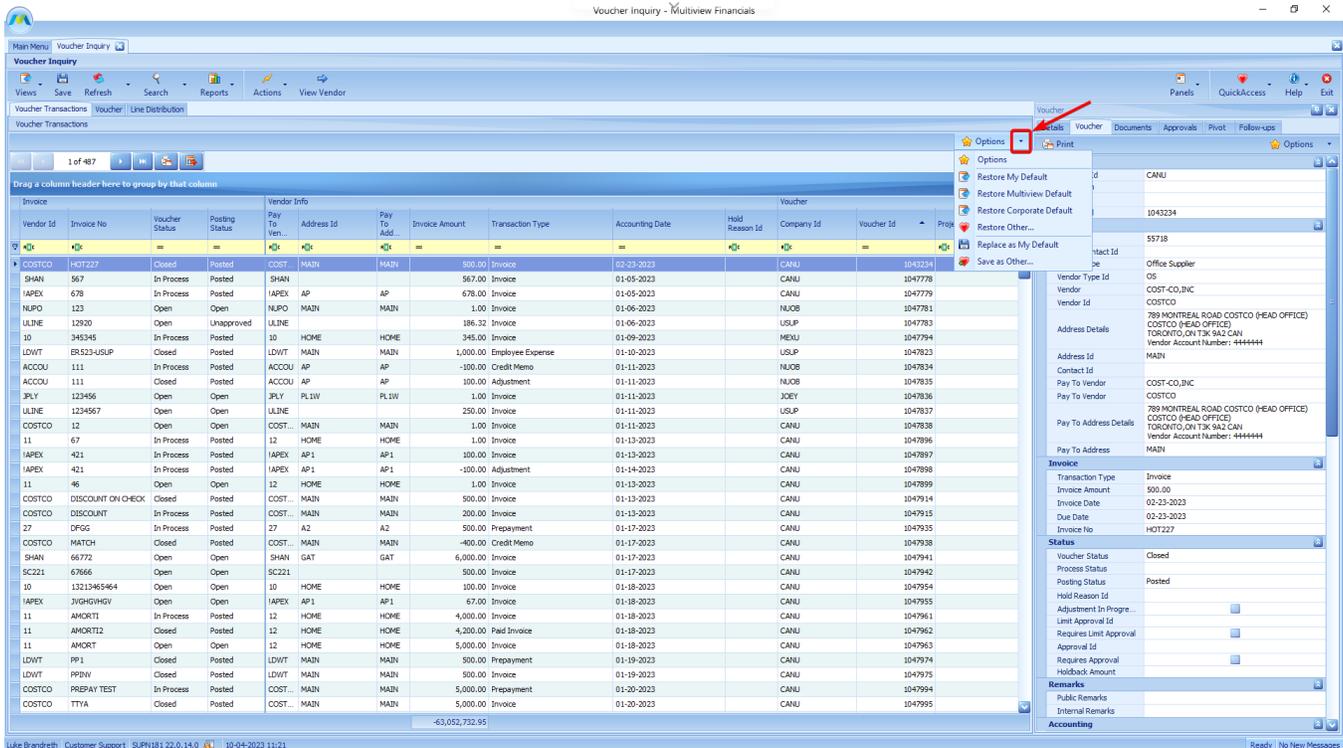


These comparisons are a deep and useful tool that can be used as creatively as you wish!

Grid Manipulation

Defaults

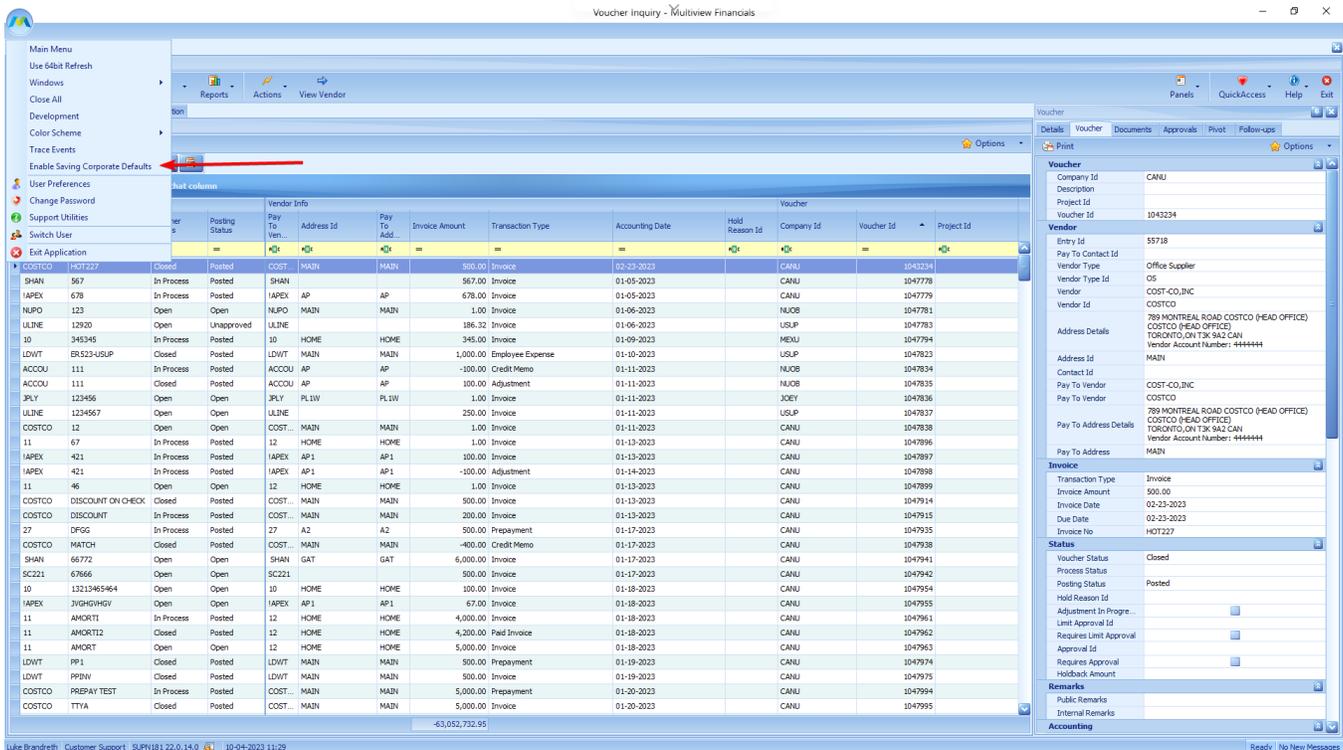
Like the Search Query window, in the Data Grid, there are options to create default layouts. Under the Options drop-down menu, there are several saving/restoring options available and are described in the table below:



Options Button	Use
Restore My Default	Restores the grid to your My Default layout
Restore Multiview Default	Restores the grid to the standard Multiview Default layout
Restore Corporate Default	Restores the grid to the saved Corporate Default layout
Restore Other...	Restores the grid to a Saved layout from your listing
Replace as My Default	Replaces My Default layout with the current layout
Save as Other...	Allows you to save a new layout other than your Default

The “Restore Corporate Default” button allows you to standardize a screen among your employees. The Corporate Default functions exactly as it sounds and creates a grid layout that will be automatically applied to all your users’ screens. Users can override it still with their own defaults, but they can always restore the corporate default as well.

To save a Corporate Default, the function first needs to be enabled in the Multiview globe button on the top left of the screen.



Voucher Inquiry - Multiview Financials

Main Menu
Use 64bit Refresh
Windows
Close All
Development
Color Scheme
Trace Events
Enable Saving Corporate Defaults
User Preferences
Change Password
Support Utilities
Switch User
Exit Application

Vendor	Posting Status	Vendor Info	Pay To Ven...	Address Id	Pay To Add...	Invoice Amount	Transaction Type	Accounting Date	Hold Reason Id	Company Id	Voucher Id	Project Id
COSTCO	HT227	Closed	Posted	COST	MAIN	MAIN	500.00	Invoice	02-23-2023	CANU	1043234	
SHAN	567	In Process	Posted	SHAN	AP	AP	567.00	Invoice	01-05-2023	CANU	1047778	
IAPEX	678	In Process	Posted	IAPEX	AP	AP	678.00	Invoice	01-05-2023	CANU	1047779	
NIPO	123	Open	Open	NIPO	MAIN	MAIN	1.00	Invoice	01-06-2023	NIJOE	1047781	
ULINE	12930	Open	Unapproved	ULINE	HOME	HOME	186.30	Invoice	01-06-2023	USLP	1047783	
10	345345	In Process	Posted	10	HOME	HOME	345.00	Invoice	01-09-2023	MEJLI	1047794	
LDWIT	ER523-USLP	Closed	Posted	LDWIT	MAIN	MAIN	1,000.00	Employee Expense	01-10-2023	USLP	1047823	
ACCOU	111	In Process	Posted	ACCOU	AP	AP	-100.00	Credit Memo	01-11-2023	NIJOE	1047834	
ACCOU	111	Closed	Posted	ACCOU	AP	AP	100.00	Adjustment	01-11-2023	NIJOE	1047835	
JPLY	123456	Open	Open	JPLY	PLIWI	PLIWI	1.00	Invoice	01-11-2023	JOEY	1047836	
ULINE	1234567	Open	Open	ULINE	HOME	HOME	250.00	Invoice	01-11-2023	USLP	1047837	
COSTCO	12	Open	Open	COST...	MAIN	MAIN	1.00	Invoice	01-11-2023	CANU	1047838	
11	67	In Process	Posted	12	HOME	HOME	1.00	Invoice	01-13-2023	CANU	1047896	
IAPEX	421	In Process	Posted	IAPEX	AP1	AP1	100.00	Invoice	01-13-2023	CANU	1047897	
IAPEX	421	In Process	Posted	IAPEX	AP1	AP1	-100.00	Adjustment	01-13-2023	CANU	1047898	
11	46	Open	Open	12	HOME	HOME	1.00	Invoice	01-13-2023	CANU	1047899	
COSTCO	DISCOUNT ON CHECK	Closed	Posted	COST...	MAIN	MAIN	500.00	Invoice	01-13-2023	CANU	1047914	
COSTCO	DISCOUNT	In Process	Posted	COST...	MAIN	MAIN	200.00	Invoice	01-13-2023	CANU	1047915	
27	DFOG	In Process	Posted	27	A2	A2	500.00	Prepayment	01-17-2023	CANU	1047935	
COSTCO	MATCH	Closed	Posted	COST...	MAIN	MAIN	-400.00	Credit Memo	01-17-2023	CANU	1047938	
SHAN	66772	Open	Open	SHAN	GAT	GAT	6,000.00	Invoice	01-17-2023	CANU	1047941	
SC221	67666	Open	Open	SC221			500.00	Invoice	01-17-2023	CANU	1047942	
10	13213465464	Open	Open	10	HOME	HOME	100.00	Invoice	01-18-2023	CANU	1047954	
IAPEX	JYGHVHGV	Open	Open	IAPEX	AP1	AP1	67.00	Invoice	01-18-2023	CANU	1047955	
11	AMORT1	In Process	Posted	12	HOME	HOME	4,000.00	Invoice	01-18-2023	CANU	1047961	
11	AMORT12	Closed	Posted	12	HOME	HOME	4,200.00	Paid Invoice	01-18-2023	CANU	1047962	
11	AMORT	Open	Open	12	HOME	HOME	5,000.00	Invoice	01-18-2023	CANU	1047963	
LDWIT	PP1	Closed	Posted	LDWIT	MAIN	MAIN	500.00	Prepayment	01-19-2023	CANU	1047974	
LDWIT	PPW	Closed	Posted	LDWIT	MAIN	MAIN	500.00	Prepayment	01-19-2023	CANU	1047975	
COSTCO	PREPAY TEST	In Process	Posted	COST...	MAIN	MAIN	5,000.00	Prepayment	01-20-2023	CANU	1047994	
COSTCO	TTTA	Closed	Posted	COST...	MAIN	MAIN		Invoice	01-20-2023	CANU	1047995	

Vendor Info
Company Id: CANU
Description: [Blank]
Project Id: [Blank]
Voucher Id: 1043234

Vendor
Entry Id: 55718
Pay To Contact Id: [Blank]
Vendor Type: Office Supplier
Vendor Type Id: OS
Vendor: COST-CO,INC
Vendor Id: COSTCO
Address Details: 789 MONTREAL ROAD, COSTCO (HEAD OFFICE), COSTCO (HEAD OFFICE), TORONTO, ON T9K 5A2 CAN, Vendor Account Number: 4444444

Address Id: MAIN
Contact Id: [Blank]
Pay To Vendor: COST-CO,INC
Pay To Vendor: COSTCO
Pay To Address Details: 789 MONTREAL ROAD, COSTCO (HEAD OFFICE), COSTCO (HEAD OFFICE), TORONTO, ON T9K 5A2 CAN, Vendor Account Number: 4444444
Pay To Address: MAIN

Invoice
Transaction Type: Invoice
Invoice Amount: 500.00
Invoice Date: 02-23-2023
Due Date: 02-23-2023
Invoice No: HT227

Status
Voucher Status: Closed
Process Status: [Blank]
Posting Status: Posted
Hold Reason Id: [Blank]
Adjustment In Progre: [Blank]
Limit Approval Id: [Blank]
Requires Limit Approval: [Blank]
Approval Id: [Blank]
Requires Approval: [Blank]
Holdback Amount: [Blank]

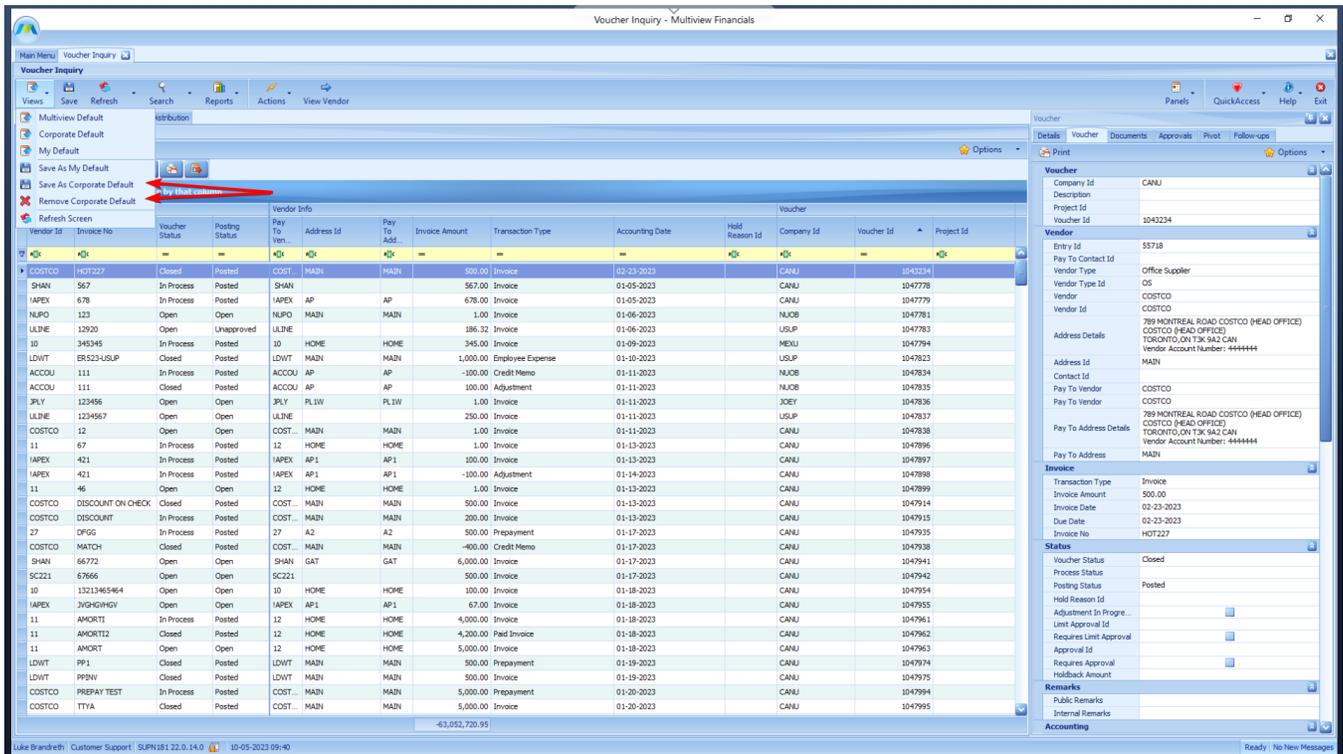
Remarks
Public Remarks: [Blank]
Internal Remarks: [Blank]

Accounting

Ready | No New Messages

If you are already in your query screen (as in this example), you will need to close it and re-open it to have the function enabled.

Once the feature is enabled, you can access the “Save as Corporate Default” and “Remove Corporate Default” buttons in the Views drop-down menu.

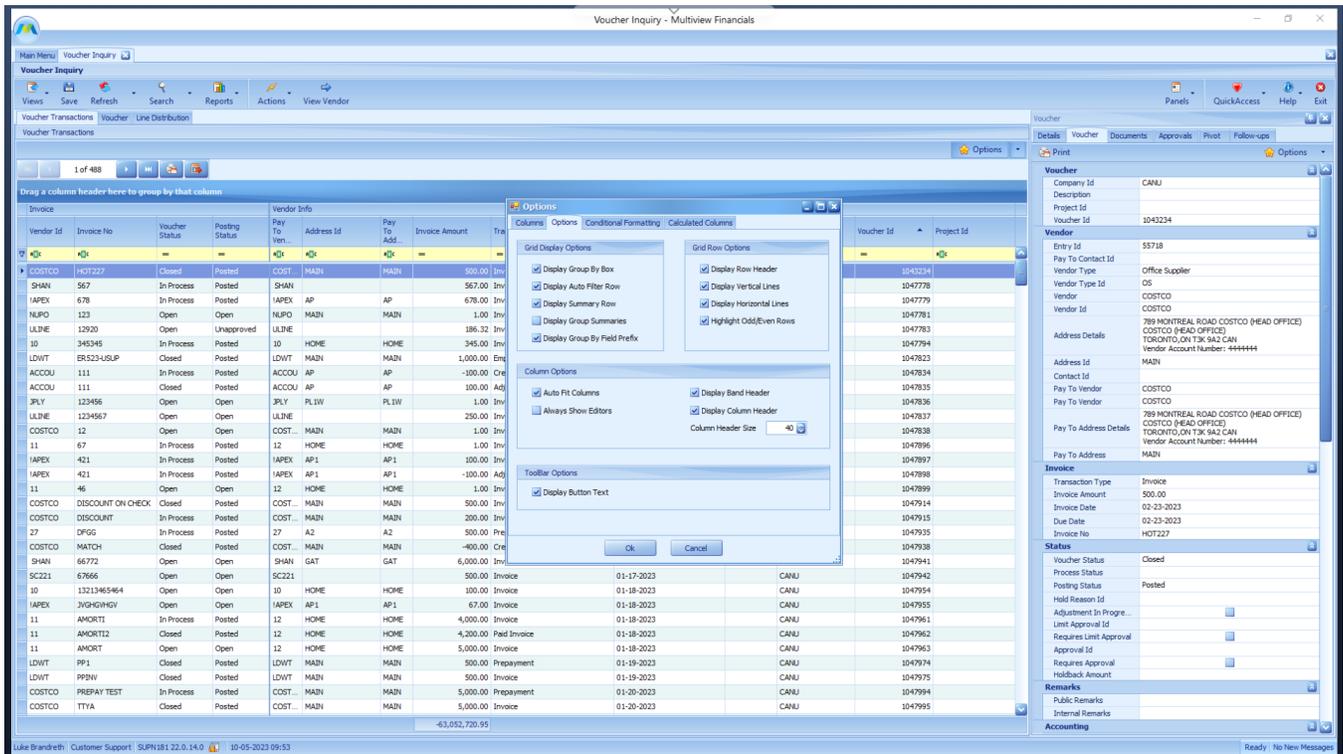


The screenshot displays the 'Voucher Inquiry - Multiview Financials' application. The main window contains a table of vouchers with columns: Vendor, Invoice No, Status, Posting Status, Vendor Info (Pay To Ven, Address Id, Pay To Add), Invoice Amount, Transaction Type, Accounting Date, and Voucher. A red arrow points to the 'Save As Corporate Default' option in the 'Voucher Inquiry' menu. The right-hand pane shows details for a selected voucher, including Vendor, Address Details, Invoice, and Status.

“Save as Corporate Default” allows you to override the current default and save a new one for all your users to have access to. “Remove Corporate Default” removes the default and resets it back to the standard.

Options

Clicking the “Options” button will open a window that looks like the field management area of your Search Criteria screen. Most of these features and buttons, including “Group,” “Hide All/Show All,” etc., all function the same as previously described. However, there are extra tabs on this screen. The “Options” tab contains options to change the view and aesthetic of your grid.



Most of these features are up to you to decide how you like the look of your grid, however, there are a few items in the “Grid Display Options” area that also change how the grid works. Please see the table below to review the options:

Option	Use
Display Group By Box	Reveals the area above the grid to drag-and-drop columns headers into allowing you to group the data. See Image 1 below for example.
Display Auto Filter Row	Enables the yellow filter bar to allow a user to type in and filter the specific column.
Display Summary Row	Enables the row on the bottom of the grid to create sums, max, min, etc. See Image 2 below for example.
Display Group Summaries	Acts the same as “Display Summary Row” but creates a row for each group. See Image 3 below for example.
Display Group By Field Prefix	When using groups, add the prefix in front of the data title. See Image 4 below for example.

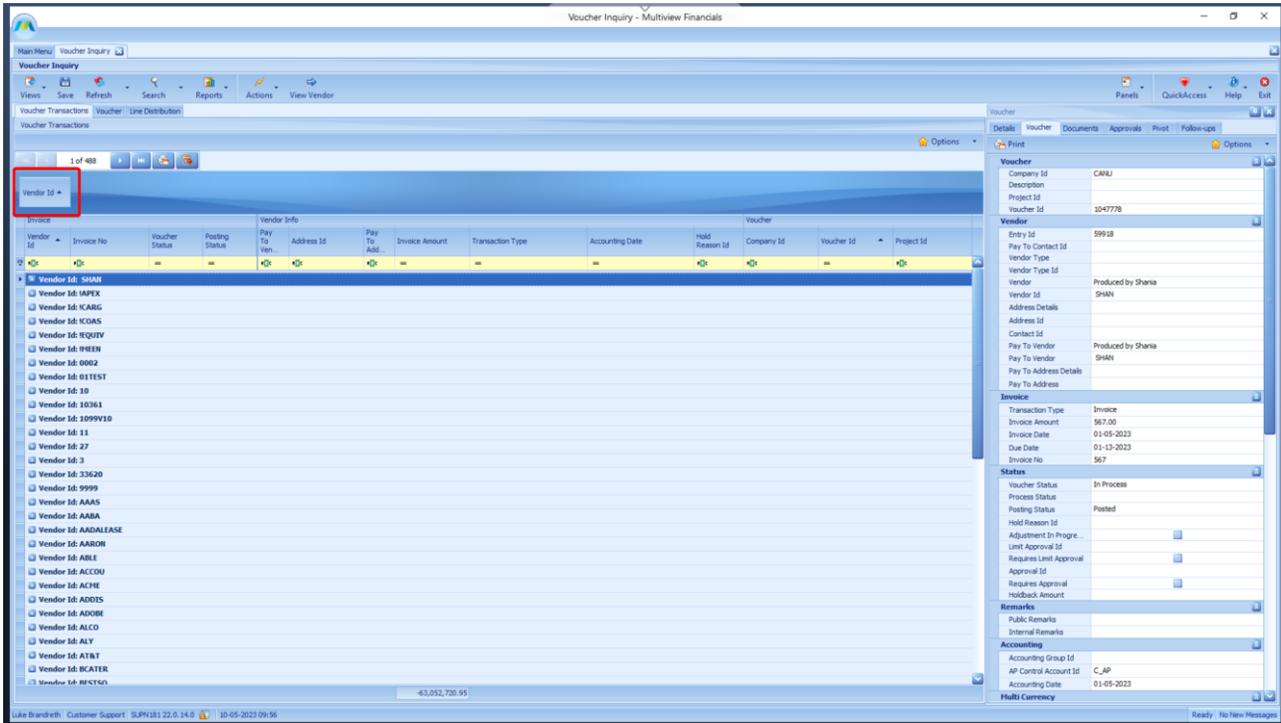


Image 1: Display Group By Box

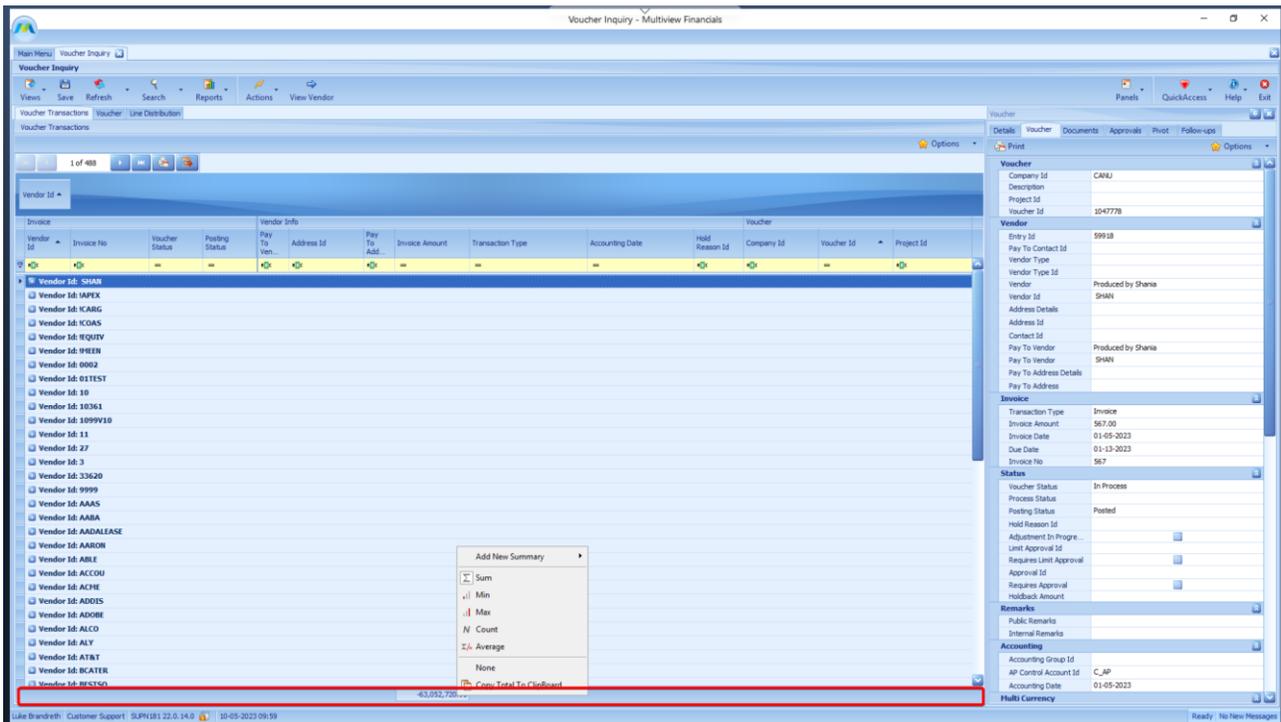


Image 2: Display Summary Row

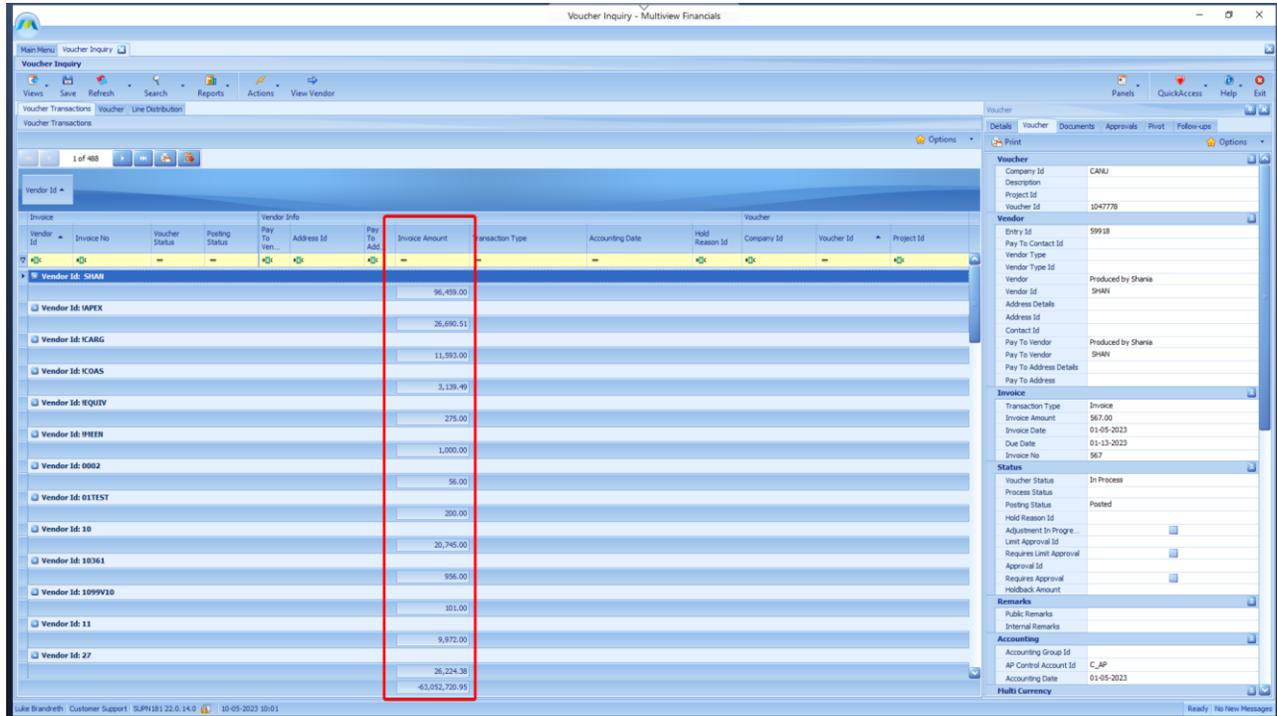


Image 3: Display Group Summaries

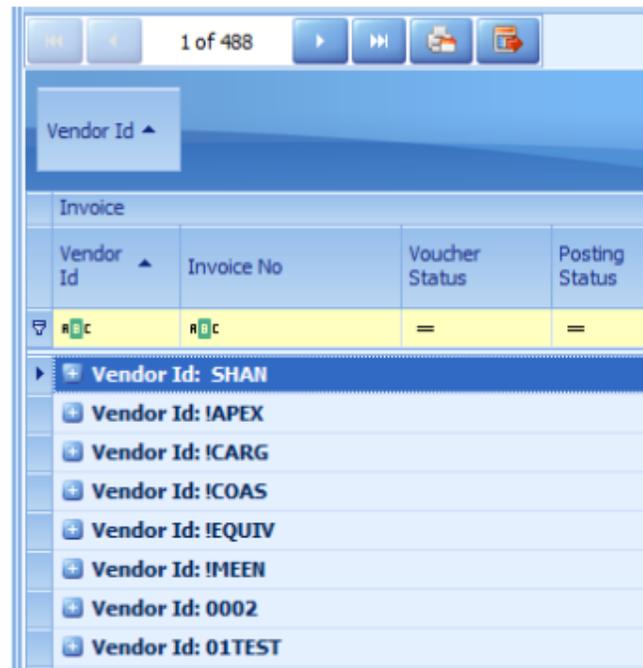
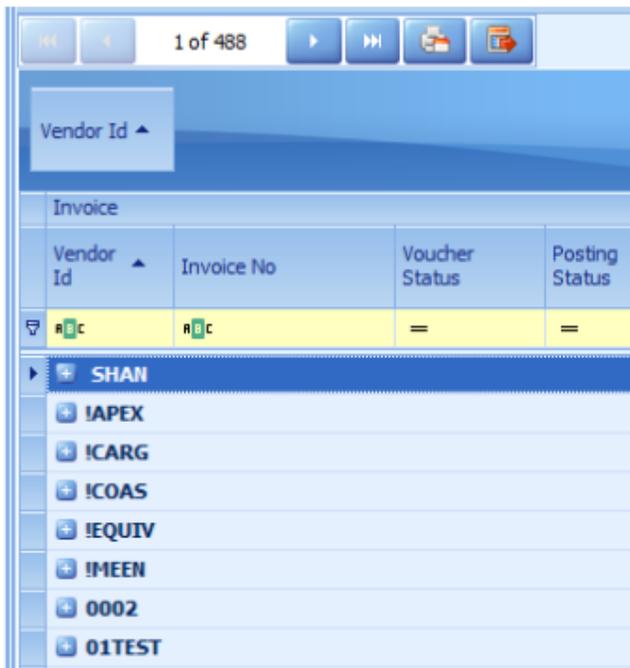
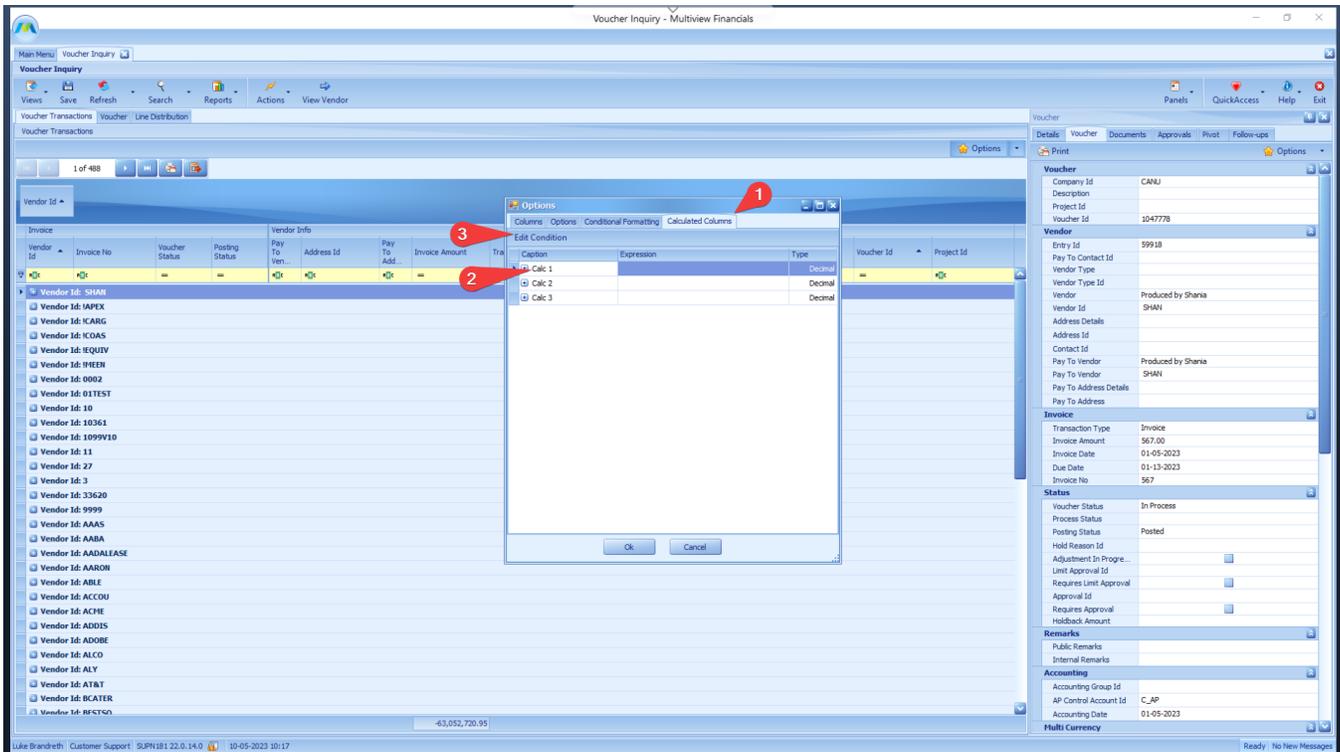
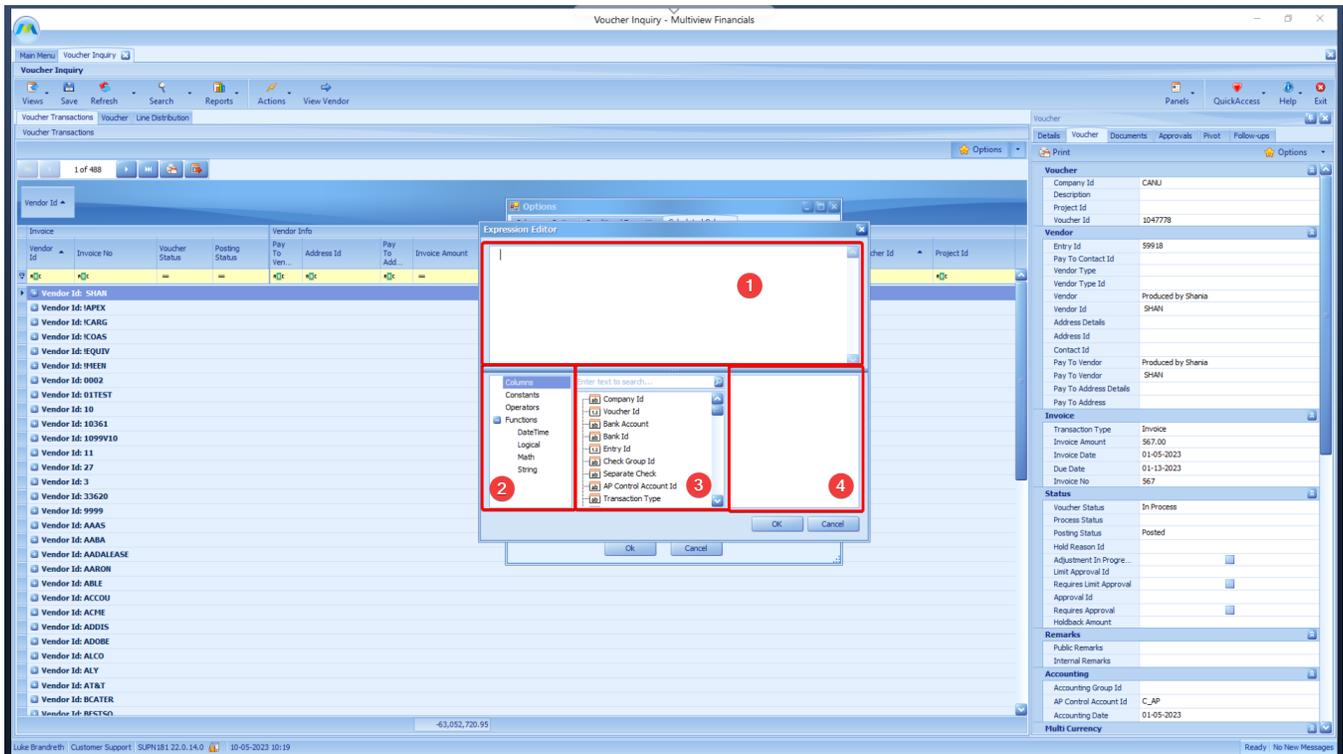


Image 4: Display Group By Field Prefix: Left = Disabled; Right = Enabled

The Calculated Columns tab allows you to create custom columns that reference other columns within your grid. These can be saved in any of your defaults or saved screens as well. To create the formula that will populate your column, you can select one of the 3 lines and then click Edit Condition.



Here you can see all the various options that you can insert into your field. The different areas on the screen will be described in the table below.

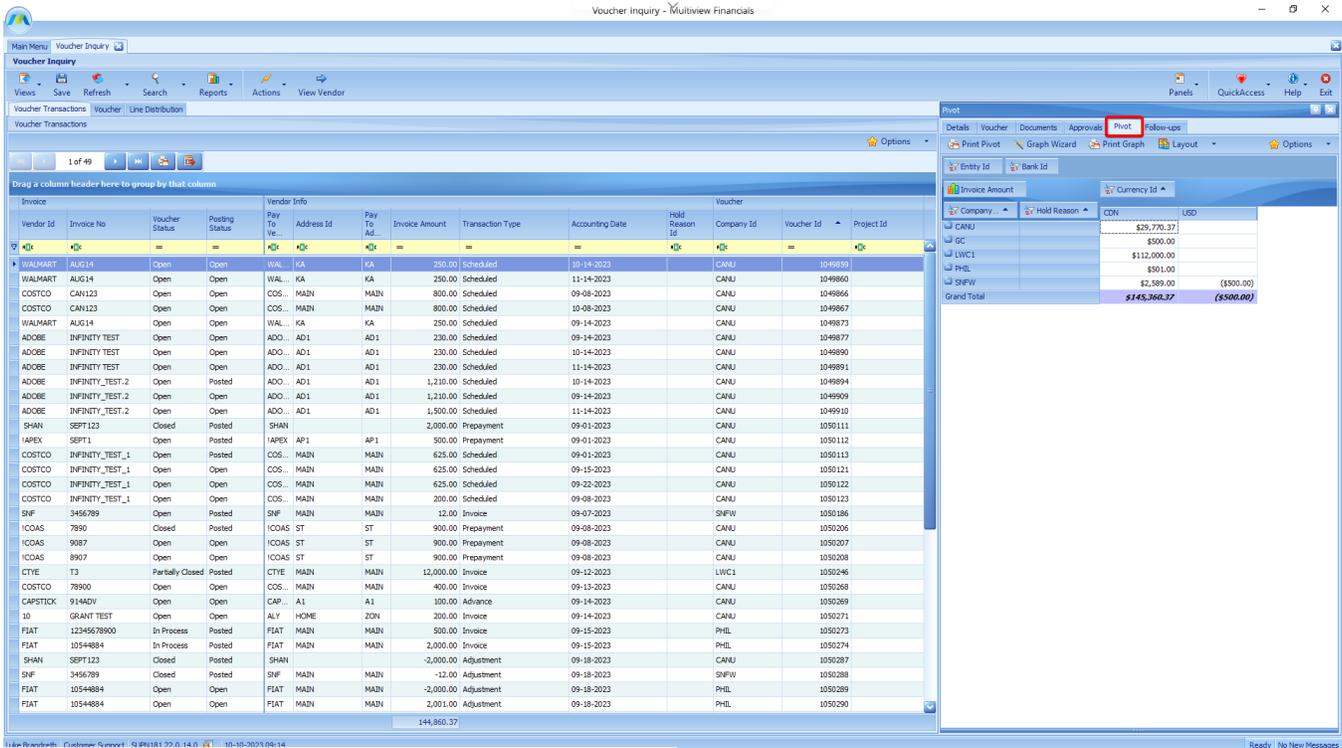


Area	Description
1	This is the area that the formula is built and displayed.
2	Headers containing the various options with which to build your formula.
3	Content changes based on which header is selected. Contains the specific string, operator, function, etc. that build the formula.
4	Description area for the item selected in area 3.

Once a calculated column is created, it can be pulled into your grid just like any other field.

Pivot Tables

Pivot Tables are in the right-hand docking panel, and in the case of the Voucher Inquiry screen, it is the fifth tab in the panel.

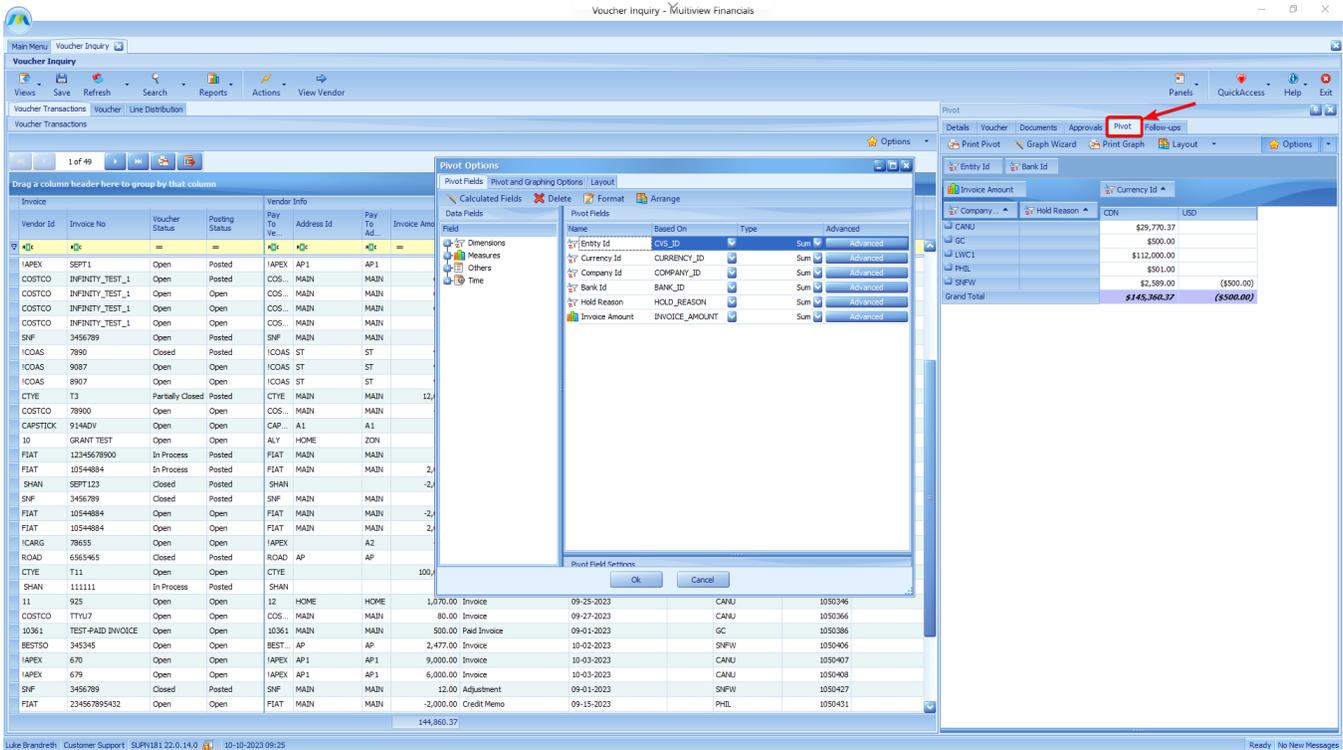


The screenshot displays the 'Voucher Inquiry' window in the Multiview Financials software. The main window shows a list of vouchers with columns for Vendor Id, Invoice No, Voucher Status, Posting Status, Vendor Info (Pay To, Address Id, Pay To Ad...), Invoice Amount, Transaction Type, Accounting Date, Hold Reason Id, Company Id, Voucher Id, and Project Id. A pivot table is open on the right side, showing a summary of the data. The pivot table has a 'Pivot' tab selected, and the 'Options' button is highlighted. The pivot table shows a grand total of \$145,360.37.

Company	Hold Reason	Currency	Amount
CANU		USD	\$29,770.37
GC			\$500.00
LWC1			\$112,000.00
PHIL			\$501.00
SNFV		(\$500.00)	\$2,589.00
Grand Total			\$145,360.37

What you'll see is the Multiview default for the Voucher Inquiry pivot displayed, as well as a plethora of features to help you manipulate the data. Pivot Tables will operate the same in every module and screen as they do here.

Clicking on the Options button will open the Pivot Options window which is where you can customize your table.



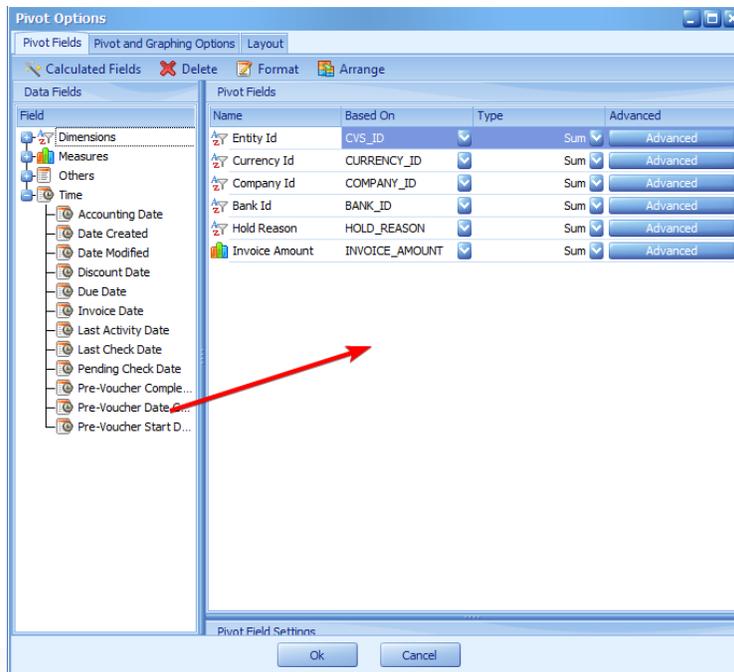
The screenshot shows the 'Voucher Inquiry - Multiview Financials' application. A 'Pivot Options' dialog box is open, allowing users to configure a pivot table. The dialog has tabs for 'Pivot Fields', 'Pivot and Graphing Options', and 'Layout'. Under 'Pivot Fields', there are sections for 'Data Fields' and 'Pivot Fields'. The 'Data Fields' section lists available fields like 'Entity Id', 'Currency Id', 'Company Id', 'Bank Id', 'Hold Reason', and 'Invoice Amount'. The 'Pivot Fields' section shows a table of selected fields:

Name	Based On	Type	Advanced
Entity Id	CVS_ID	Sum	Advanced
Currency Id	CURRENCY_ID	Sum	Advanced
Company Id	COMPANY_ID	Sum	Advanced
Bank Id	BANK_ID	Sum	Advanced
Hold Reason	HOLD_REASON	Sum	Advanced
Invoice Amount	INVOICE_AMOUNT	Sum	Advanced

On the right side of the application, a Pivot table is displayed with the following data:

Company	Hold Reason	Currency Id	USD
CANU			\$29,770.37
GC			\$500.00
LWC1			\$112,000.00
PHIL			\$501.00
SNFW			\$2,589.00 (\$500.00)
Grand Total			\$145,360.37 (\$500.00)

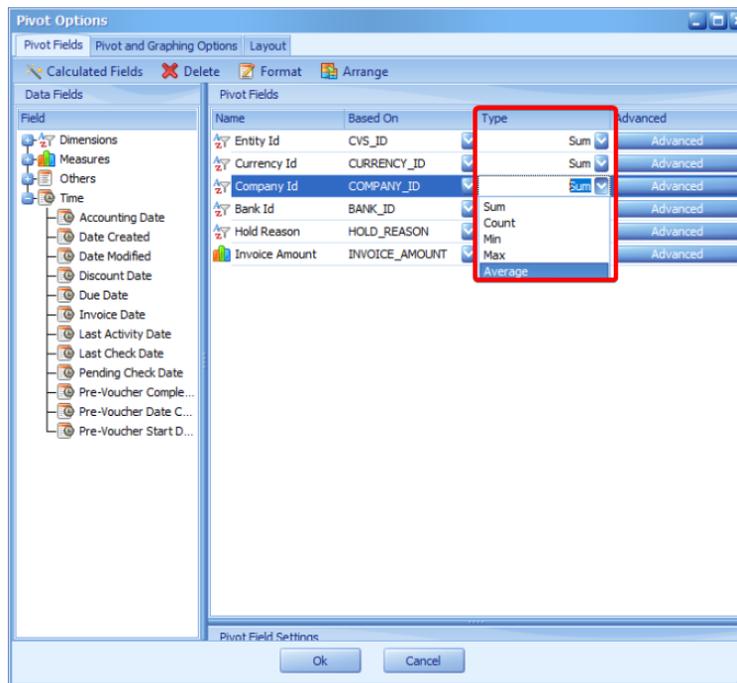
The area on the far left contains all the fields that are available for you to pull into your table. These fields can be dragged and dropped into the main Pivot Fields area of the window.



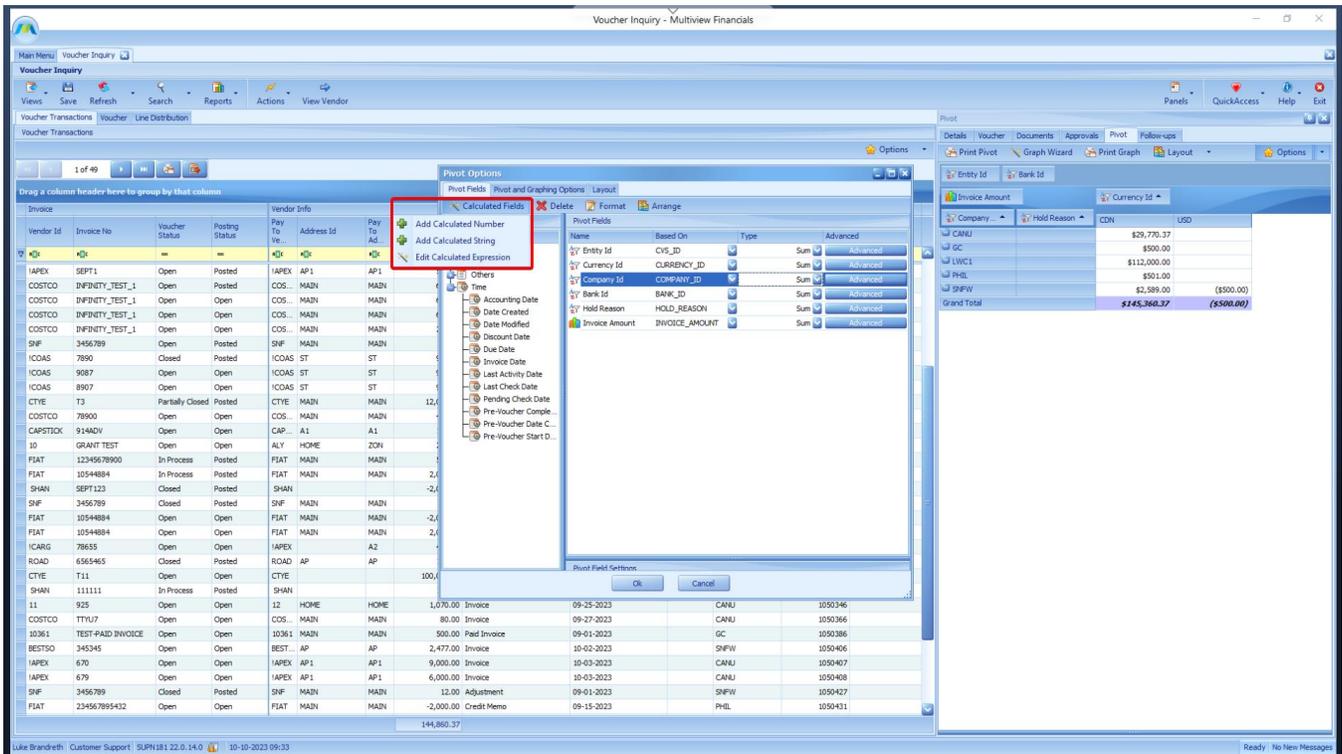
This close-up view of the 'Pivot Options' dialog box highlights the 'Data Fields' section on the left. It lists various fields available for selection, categorized into Dimensions, Measures, Others, and Time. A red arrow points from the 'Pre-Voucher Date' field in the 'Data Fields' list to the 'Pivot Fields' table on the right, illustrating the drag-and-drop functionality.

Field	Name	Based On	Type	Advanced
Entity Id	CVS_ID		Sum	Advanced
Currency Id	CURRENCY_ID		Sum	Advanced
Company Id	COMPANY_ID		Sum	Advanced
Bank Id	BANK_ID		Sum	Advanced
Hold Reason	HOLD_REASON		Sum	Advanced
Invoice Amount	INVOICE_AMOUNT		Sum	Advanced

In the Pivot Fields area, the Type column can be changed from either Sum, Count, Min, Max, or Average to change how the cell is going to calculate the displayed value.



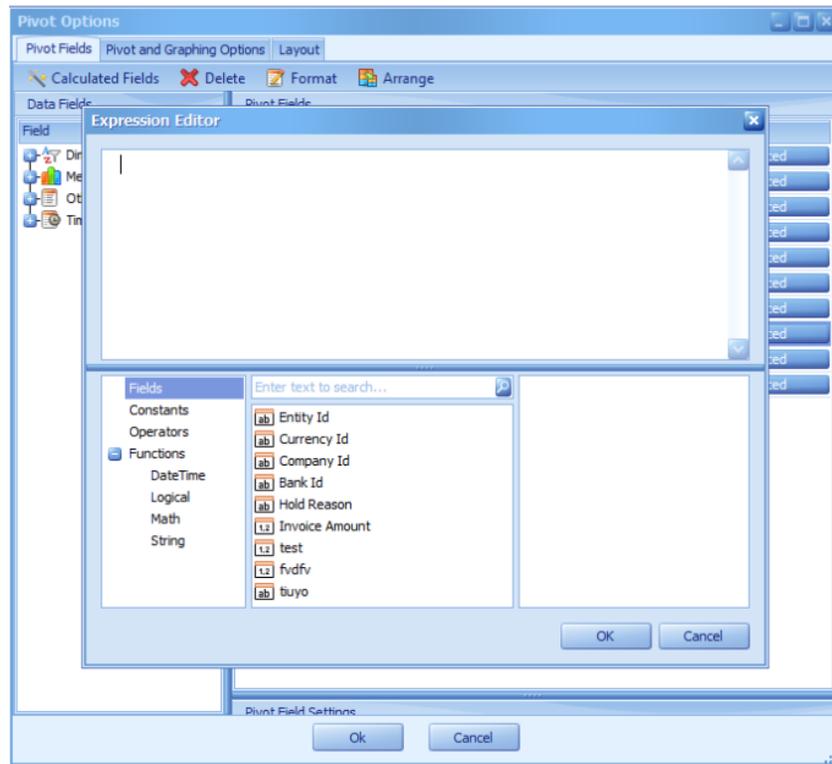
In addition to the standard fields offered on the screen, we can also create a Calculated Field here, similarly to how it was done in the Grid. When you click the “Calculated Fields” button, you will be presented with three options.



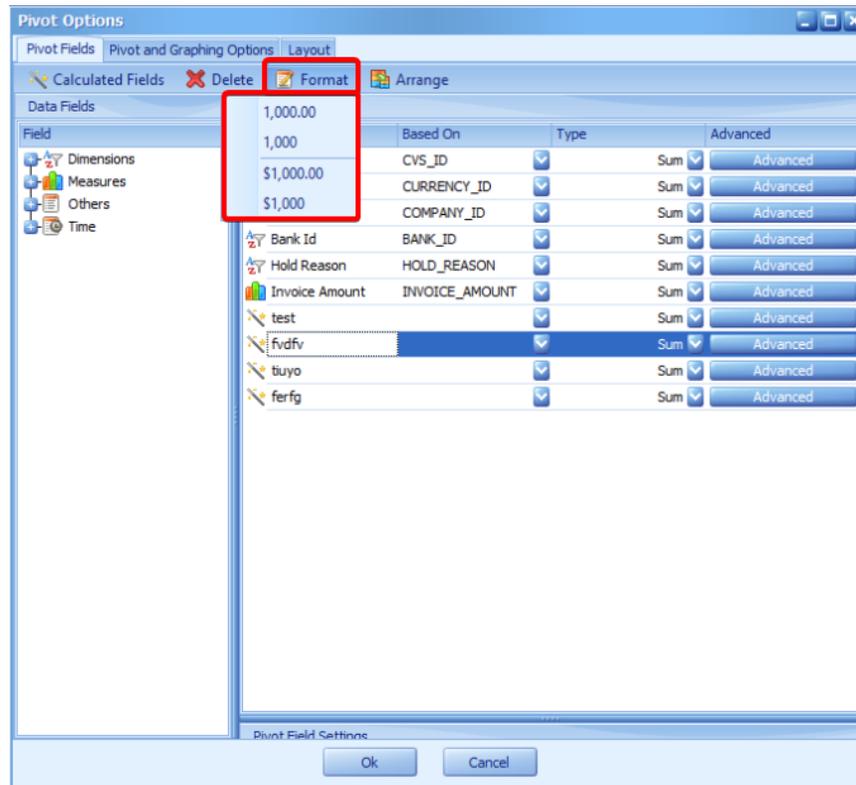
The screenshot shows the 'Voucher Inquiry - Multiview Financials' application. A 'Pivot Options' dialog box is open, with the 'Calculated Fields' tab selected. This tab contains a list of fields that can be added to the pivot table, including 'Add Calculated Number', 'Add Calculated String', and 'Edit Calculated Expression'. The main window displays a grid of voucher transactions with columns for Vendor Id, Invoice No, Voucher Status, Posting Status, Pay To Ve., Address Id, and Pay To Ad. A pivot table on the right shows a summary of invoice amounts by company, with a grand total of \$145,360.37.

Company	Hold Reason	CDN	USD
CANU		\$29,770.37	
GC		\$500.00	
LW11		\$112,000.00	
PHL		\$501.00	
SNFW		\$2,589.00	(\$500.00)
Grand Total		\$145,360.37	(\$500.00)

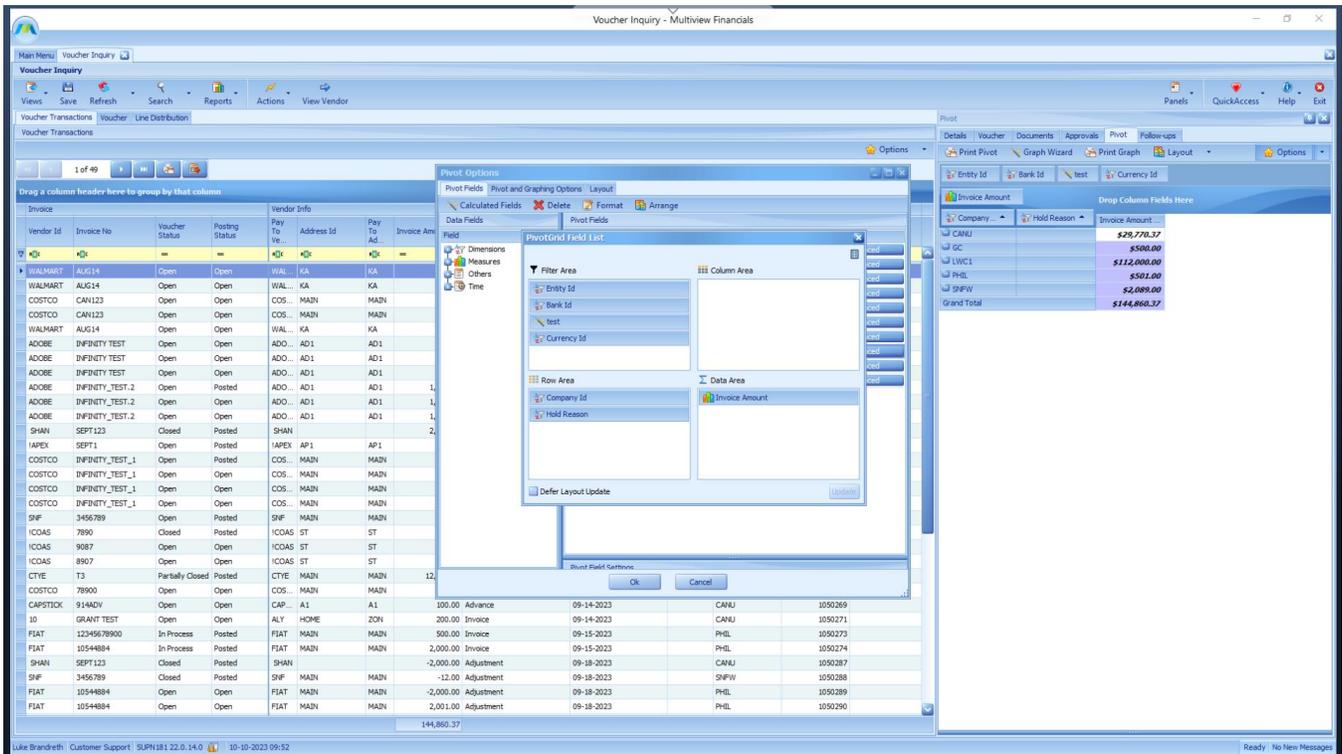
Add Calculated Number and Add Calculated String use the same screen to build the expression as seen in the grid and allows a user to create a new expression to add a custom field into the pivot table. The difference between the two is the type of data that can be included which will be filtered for you. Edit Calculated Expression allows you to modify an already existing expression.



The “Format” button allows you to cycle through the different monetary display options, as seen in the below picture.



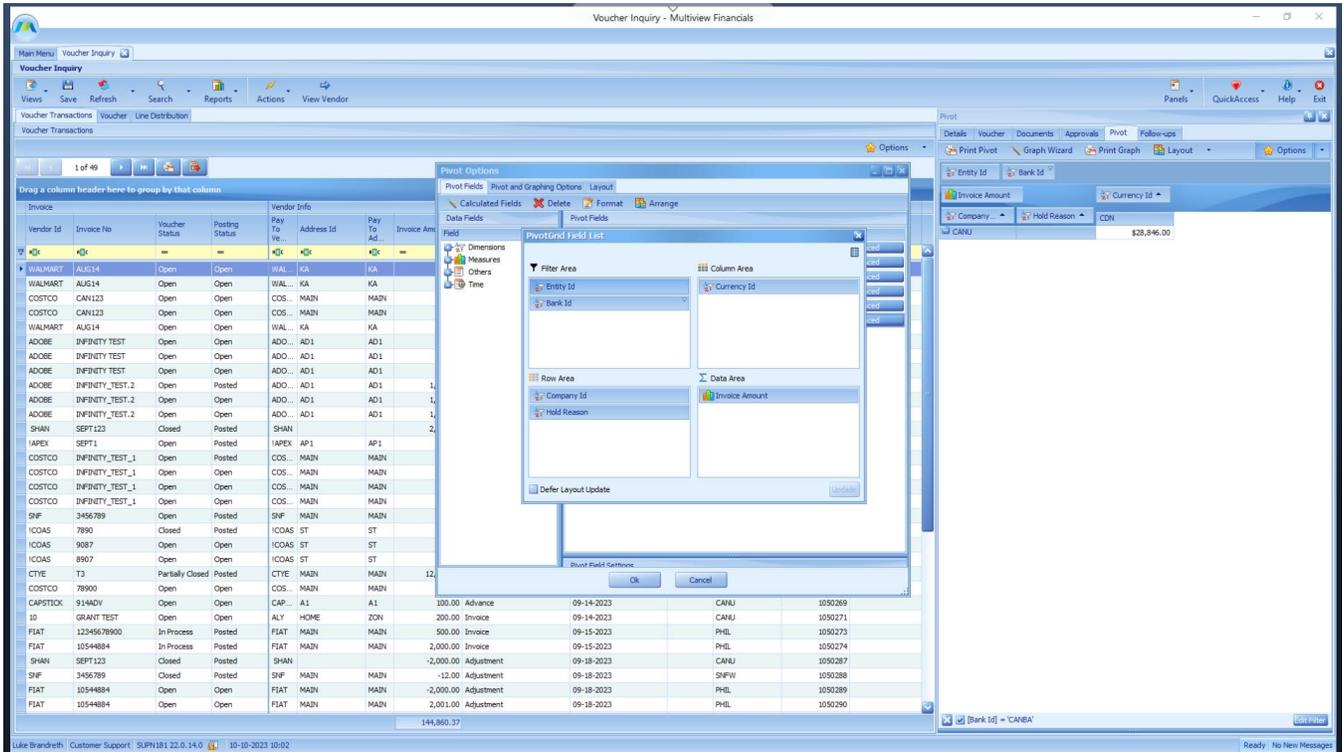
The “Arrange” button, is one of the most important features of pivots. Clicking it will open a new window that allows you to change the layout of the main pivot by manipulating your selected fields within the four areas: Filter, Column, Row, and Data. You can drag and drop the fields between each area, and you will be able to see how the pivot updates in the background on the main Multiview Screen.



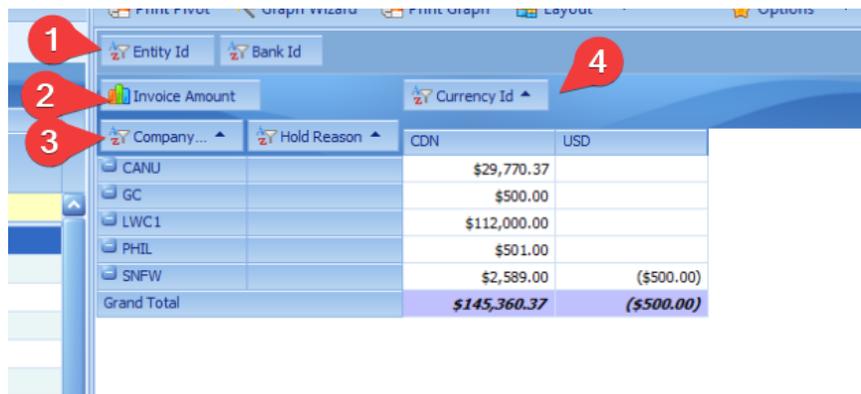
The screenshot displays the 'Voucher Inquiry - Multiview Financials' application. A 'Pivot Options' dialog box is open, allowing users to configure a pivot table. The dialog includes sections for 'Filter Area', 'Column Area', 'Row Area', and 'Data Area'. Fields like 'Company Id' and 'Invoice Amount' are visible in the 'Data Area'. The background shows a table of voucher transactions with columns for Vendor Id, Invoice No, Voucher Status, Posting Status, Pay To Ve., Address Id, Pay To Ad., and Invoice Am.

Vendor Id	Invoice No	Voucher Status	Posting Status	Pay To Ve.	Address Id	Pay To Ad.	Invoice Am
WALMART	AUG14	Open	Open	WAL...	KA	KA	
WALMART	AUG14	Open	Open	WAL...	KA	KA	
COSTCO	CAN123	Open	Open	COS...	MAIN	MAIN	
COSTCO	CAN123	Open	Open	COS...	MAIN	MAIN	
WALMART	AUG14	Open	Open	WAL...	KA	KA	
ADOBE	INFINITY TEST	Open	Open	ADO...	AD1	AD1	
ADOBE	INFINITY TEST	Open	Open	ADO...	AD1	AD1	
ADOBE	INFINITY TEST	Open	Open	ADO...	AD1	AD1	
ADOBE	INFINITY_TEST_2	Open	Posted	ADO...	AD1	AD1	1.
ADOBE	INFINITY_TEST_2	Open	Open	ADO...	AD1	AD1	1.
ADOBE	INFINITY_TEST_2	Open	Open	ADO...	AD1	AD1	1.
SHAN	SEPT123	Closed	Posted	SHAN			2.
IAPEX	SEPT1	Open	Posted	IAPEX	AP1	AP1	
COSTCO	INFINITY_TEST_1	Open	Posted	COS...	MAIN	MAIN	
COSTCO	INFINITY_TEST_1	Open	Open	COS...	MAIN	MAIN	
COSTCO	INFINITY_TEST_1	Open	Open	COS...	MAIN	MAIN	
COSTCO	INFINITY_TEST_1	Open	Open	COS...	MAIN	MAIN	
SNF	3456789	Open	Posted	SNF	MAIN	MAIN	
ICDAS	7890	Closed	Posted	ICDAS	ST	ST	
ICDAS	9087	Open	Open	ICDAS	ST	ST	
ICDAS	8907	Open	Open	ICDAS	ST	ST	
CTYE	T3	Partially Closed	Posted	CTYE	MAIN	MAIN	12.
COSTCO	78900	Open	Open	COS...	MAIN	MAIN	
CAPSTOCK	914ADV	Open	Open	CAP...	A1	A1	100.00
10	GRANT TEST	Open	Open	ALY	HOME	ZON	200.00
FIAT	12345678900	In Process	Posted	FIAT	MAIN	MAIN	500.00
FIAT	10544884	In Process	Posted	FIAT	MAIN	MAIN	2,000.00
SHAN	SEPT123	Closed	Posted	SHAN			-2,000.00
SNF	3456789	Closed	Posted	SNF	MAIN	MAIN	-12.00
FIAT	10544884	Open	Open	FIAT	MAIN	MAIN	-2,000.00
FIAT	10544884	Open	Open	FIAT	MAIN	MAIN	2,001.00
							144,860.37

The Filter (1) area contains extra fields that are not in the main table in which you can filter the table data. The Data (2) area is where you will add the field containing the data you wish to see, in this case, Invoice Amount. The Column (3) and Row (4) areas each control what the headers are on their respective areas.



The screenshot shows the 'Voucher Inquiry - Multiview Financials' application. A 'Pivot Options' dialog box is open, allowing users to configure a pivot table. The dialog has several sections: 'Data Fields', 'Pivot Fields', 'Pivot and Graphing Options', and 'Layout'. The 'Data Fields' section contains a 'PivotGrid Field List' with fields like 'Entry Id', 'Bank Id', 'Company Id', 'Hold Reason', 'Invoice Amount', and 'Currency Id'. The 'Filter Area' and 'Column Area' are currently empty. The 'Row Area' contains 'Company Id' and 'Hold Reason'. The 'Data Area' contains 'Invoice Amount'. The 'Defer Layout Update' checkbox is checked at the bottom of the dialog. In the background, a table of voucher transactions is visible, with columns for Vendor Id, Invoice No, Voucher Status, Posting Status, Pay To Ve..., Address Id, Pay To Ad., and Invoice Am.

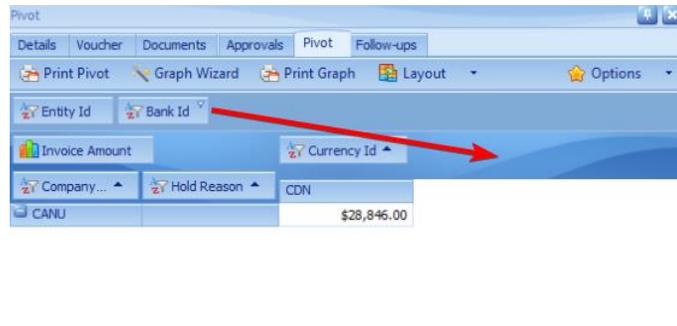


This close-up shows the Pivot table with four numbered callouts: 1 points to the 'Entry Id' field header, 2 points to the 'Invoice Amount' field header, 3 points to the 'Company Id' field header, and 4 points to the 'Currency Id' field header. The table data is as follows:

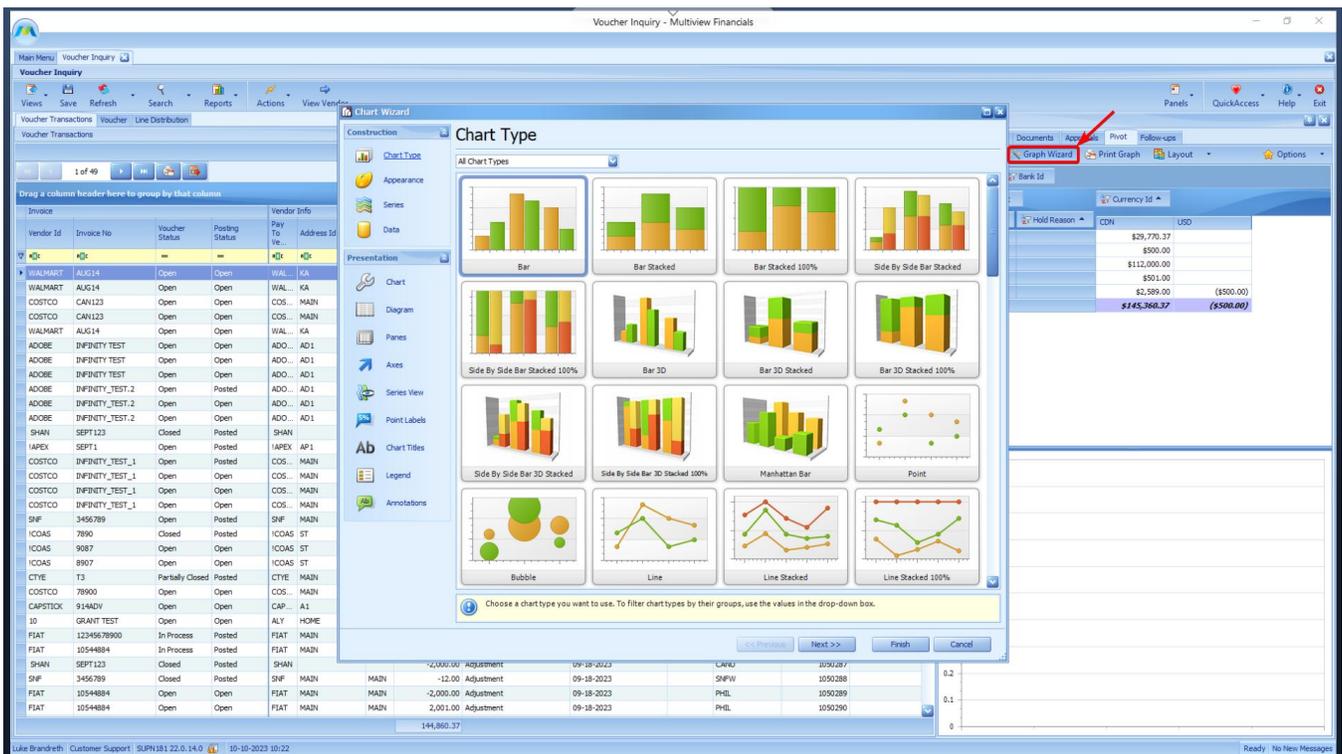
Company ...	Hold Reason	CDN	USD
CANU		\$29,770.37	
GC		\$500.00	
LWC1		\$112,000.00	
PHIL		\$501.00	
SNFW		\$2,589.00	(\$500.00)
Grand Total		\$145,360.37	(\$500.00)

When making these changes in the window, you will be able to see your changed updated in the Pivot table in the background. This can be prevented by clicking the Defer Layout Update checkbox in the bottom of the window, which will force you to manually update the table after you have made changes.

In addition to making the arrangement changes in the pop-up window, you can also drag and drop the field headers on the main screen to place them where you want and edit freely.

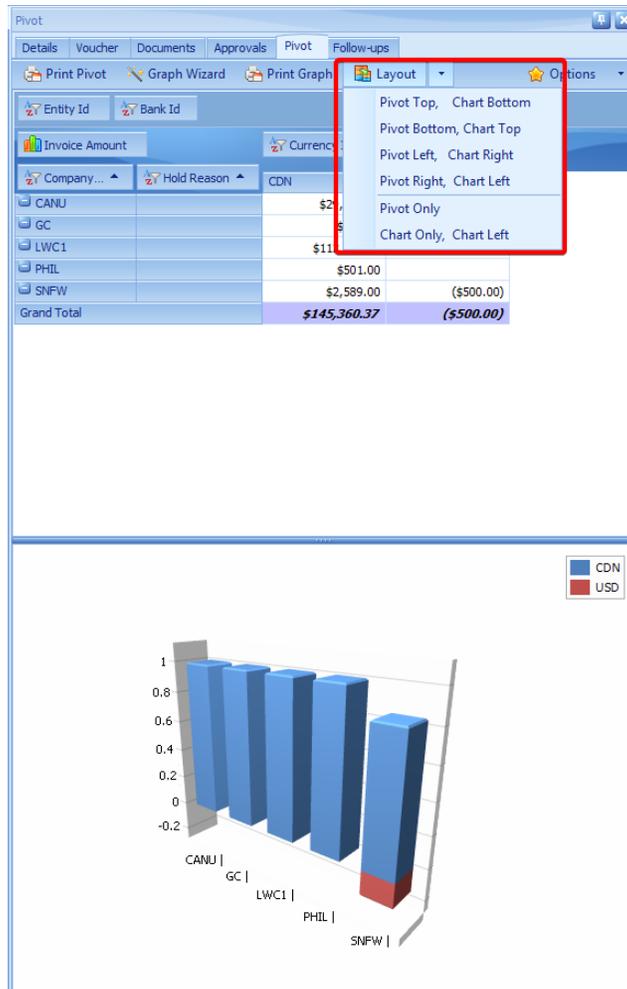


Back on the main screen of Multiview, the “Graph Wizard” button is where you can build your supporting graph using the data that you have selected in your Pivot table.

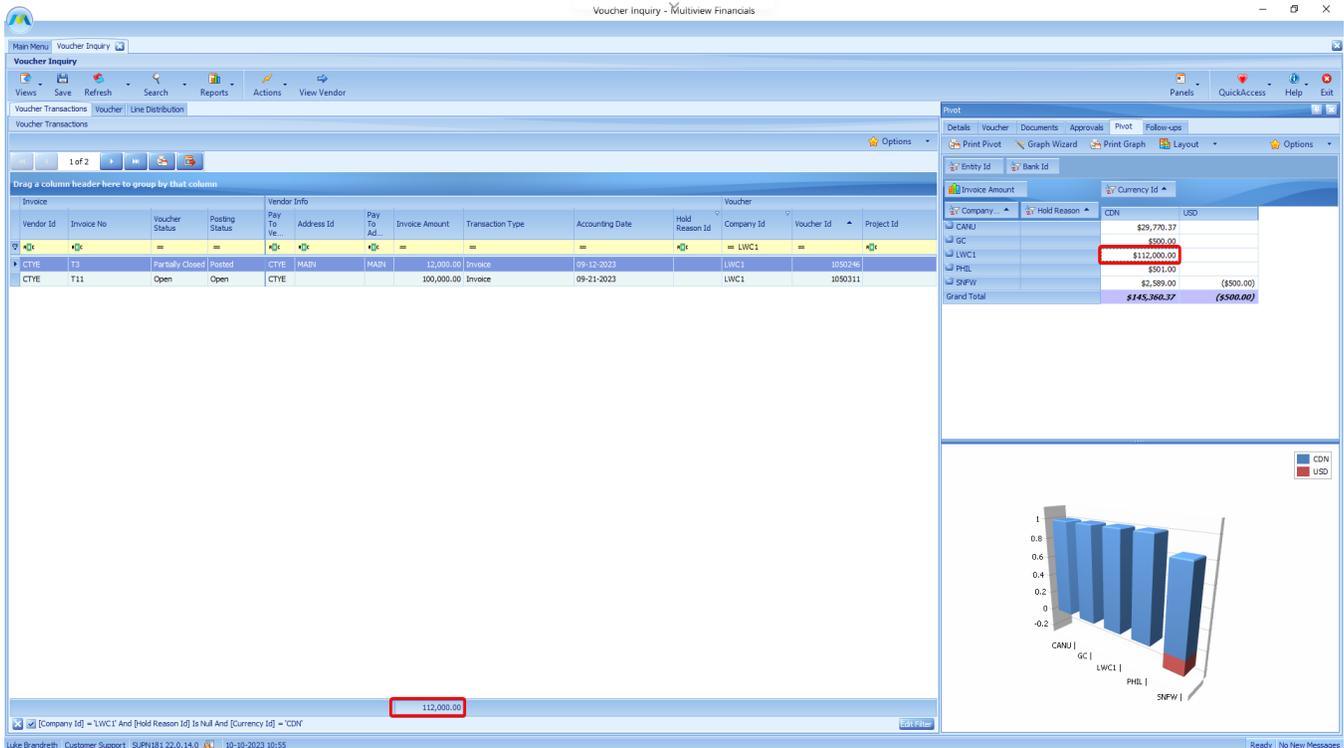


There are many different options you can choose from on the left of the window to modify how your graph will look. You can also cycle through all the categories by clicking the “Next” button at the bottom of the window.

Once you have chosen a graph and customized it to your liking, you can use the “Layout” button on the main screen to change the arrangement of your graph and your table in respect to each other.



Once your pivot is built to your specifications, it can be useful to drill down into specific data to further analyze what information is making up the displayed call values. Double-clicking on any given cell on the pivot table will modify the grid data to show the line items that are making up the cell data, as seen below.



Voucher Inquiry - Multiview Financials

1 of 2

Invoice	Vendor Info	Vendor	Invoice Amount	Transaction Type	Accounting Date	Hold Reason Id	Company Id	Voucher Id	Project Id
CTYE T3	Partially Closed	Posted	12,000.00	Invoice	09-12-2023		LWC1	1050246	
CTYE T11	Open	Open	100,000.00	Invoice	09-21-2023		LWC1	1050311	

Drag a column header here to group by that column

Pivot

Company: LWC1 | Hold Reason: [Null] | Currency: USD

Entity Id	Bank Id	Invoice Amount	Currency Id
CANU		\$29,770.37	USD
GC		\$500.00	USD
LWC1		\$112,000.00	USD
PBL		\$501.00	USD
SNFW		\$2,589.00	(\$500.00)
Grand Total		\$145,360.37	(\$500.00)

3D Bar Chart Legend: CANU | GC | LWC1 | PBL | SNFW | USD

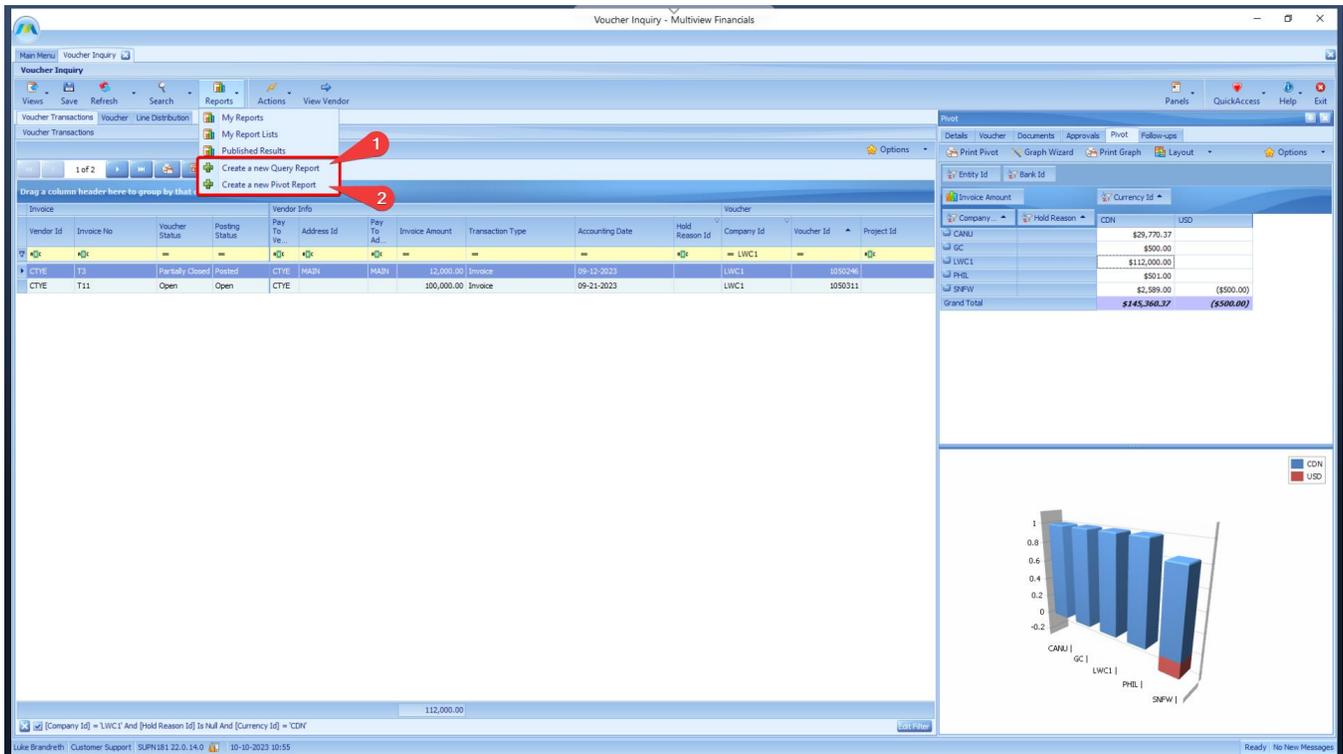
Filter: [Company Id] = 'LWC1' And [Hold Reason Id] Is Null And [Currency Id] = 'USD'

112,000.00

Ready! No New Messages

Query and Pivot Reports

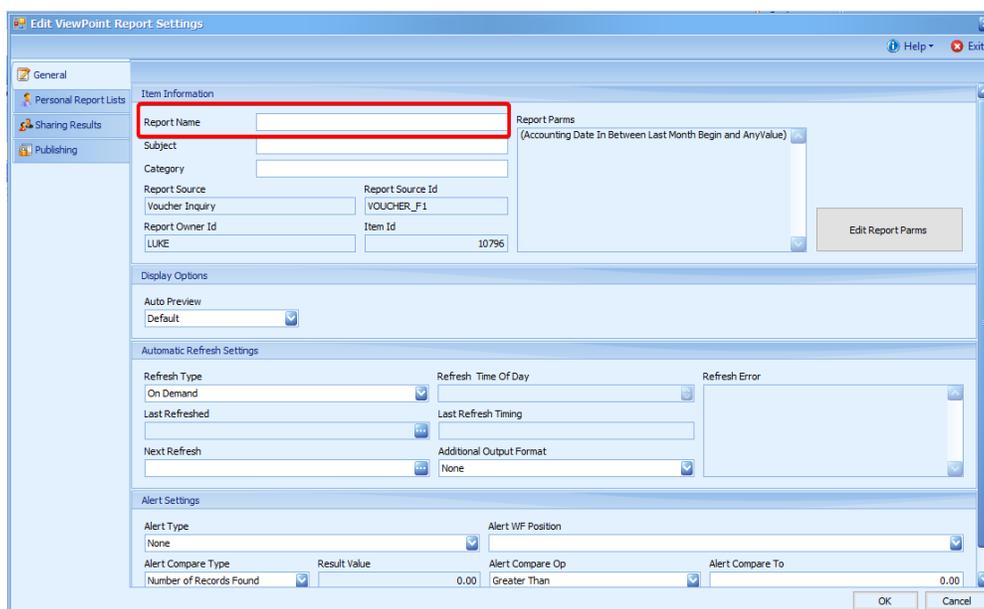
Creating reports based upon queries and pivots is a useful feature to share data and create easy access to it for yourself, and other users. To access these options, use the Reports drop-down menu located in the top toolbar. The bottom options are Create a new Query Report and Create a new Pivot Report. These will open new windows to create the respective report. The screen functions the same for each of the options.



Vendor Id	Invoice No	Voucher Status	Posting Status	Pay To Ve...	Address Id	Pay To Ad...	Invoice Amount	Transaction Type	Accounting Date	Hold Reason Id	Company Id	Voucher Id	Project Id
CTYE	T3	Partially Closed	Posted	CTYE	MAIN	MAIN	12,000.00	Invoice	09-12-2023		LWC1		1050246
CTYE	T11	Open	Open	CTYE	MAIN	MAIN	100,000.00	Invoice	09-21-2023		LWC1		1050311

Company	Hold Reason	Currency	Amount
CDN		USD	\$29,770.37
GC		USD	\$500.00
LWC1		USD	\$112,000.00
PHL		USD	\$501.00
SNPW		USD	\$2,589.00 (\$500.00)
Grand Total			\$145,360.37 (\$500.00)

The bare-minimum requirement you need to fill in is the Report Name, which you can name at your discretion. You can then click OK and the report will be created.



Edit ViewPoint Report Settings

Item Information

Report Name:

Subject:

Category:

Report Source: Report Source Id:

Voucher Inquiry: VOUCHER_F_1

Report Owner Id: Item Id:

LUKE 10796

Report Parms: (Accounting Date In Between Last Month Begin and Any/Value)

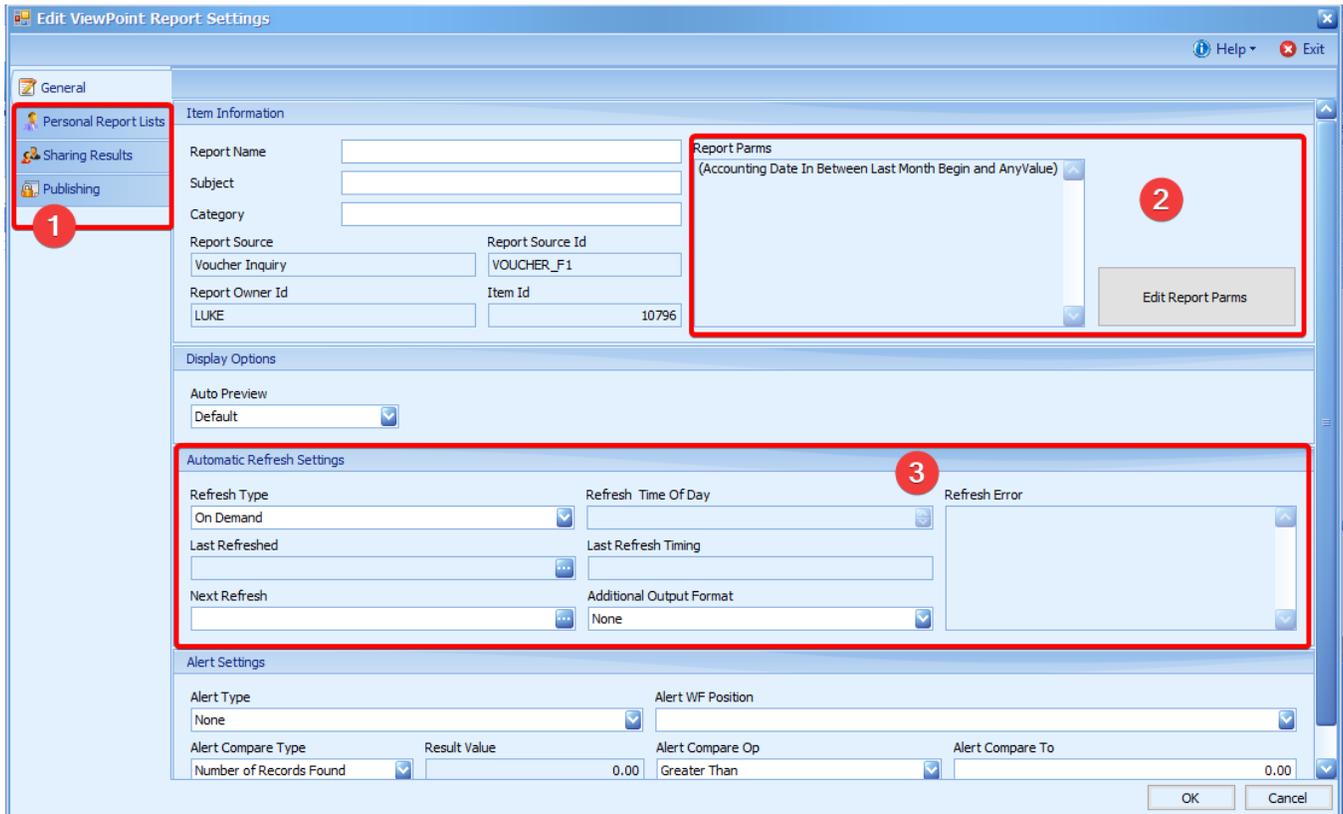
Display Options: Auto Preview: Default

Automatic Refresh Settings: Refresh Type: On Demand, Refresh Time Of Day: [dropdown], Refresh Error: [dropdown]

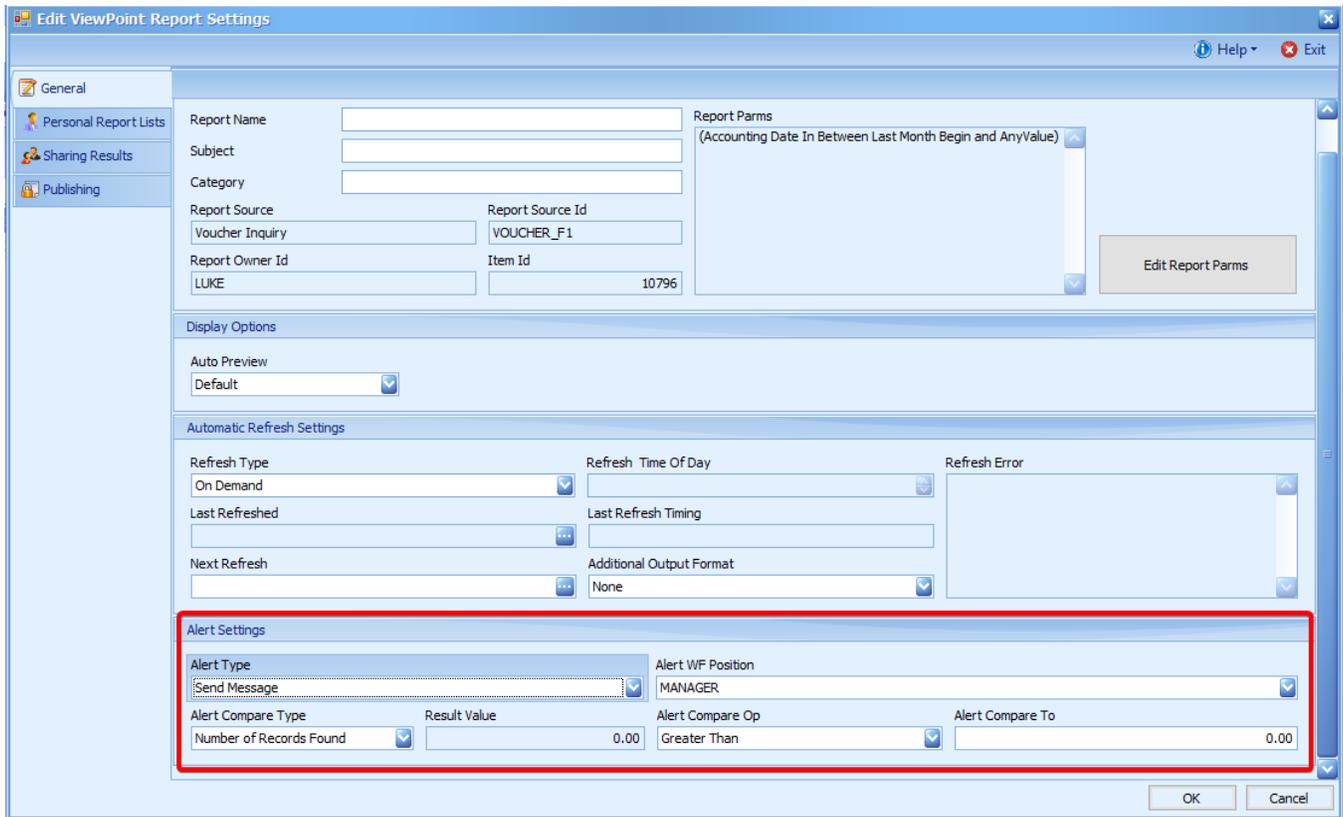
Alert Settings: Alert Type: None, Alert WF Position: [dropdown], Alert Compare Type: Number of Records Found, Result Value: 0.00, Alert Compare Op: Greater Than, Alert Compare To: 0.00

OK Cancel

There are several other options you can change on this screen, such as sharing options (1), the report parameters (2), and how often the report will refresh (3).



Additionally, you can create an alert for the report and choose a Workflow Position to which the alert is assigned. This can be done using the Alert Settings area. You need to fill in the Alert Type as well as select the position to receive the alert.



Edit ViewPoint Report Settings

General

Personal Report Lists

Sharing Results

Publishing

Report Name: [Text Box]

Subject: [Text Box]

Category: [Text Box]

Report Source: Voucher Inquiry

Report Source Id: VOUCHER_F1

Report Owner Id: LUKE

Item Id: 10796

Report Parms: (Accounting Date In Between Last Month Begin and AnyValue)

Display Options: Auto Preview: Default

Automatic Refresh Settings: Refresh Type: On Demand, Refresh Time Of Day: [Dropdown], Refresh Error: [Text Area], Last Refreshed: [Text Box], Last Refresh Timing: [Text Box], Next Refresh: [Text Box], Additional Output Format: None

Alert Settings

Alert Type: Send Message

Alert WF Position: MANAGER

Alert Compare Type: Number of Records Found

Result Value: 0.00

Alert Compare Op: Greater Than

Alert Compare To: 0.00

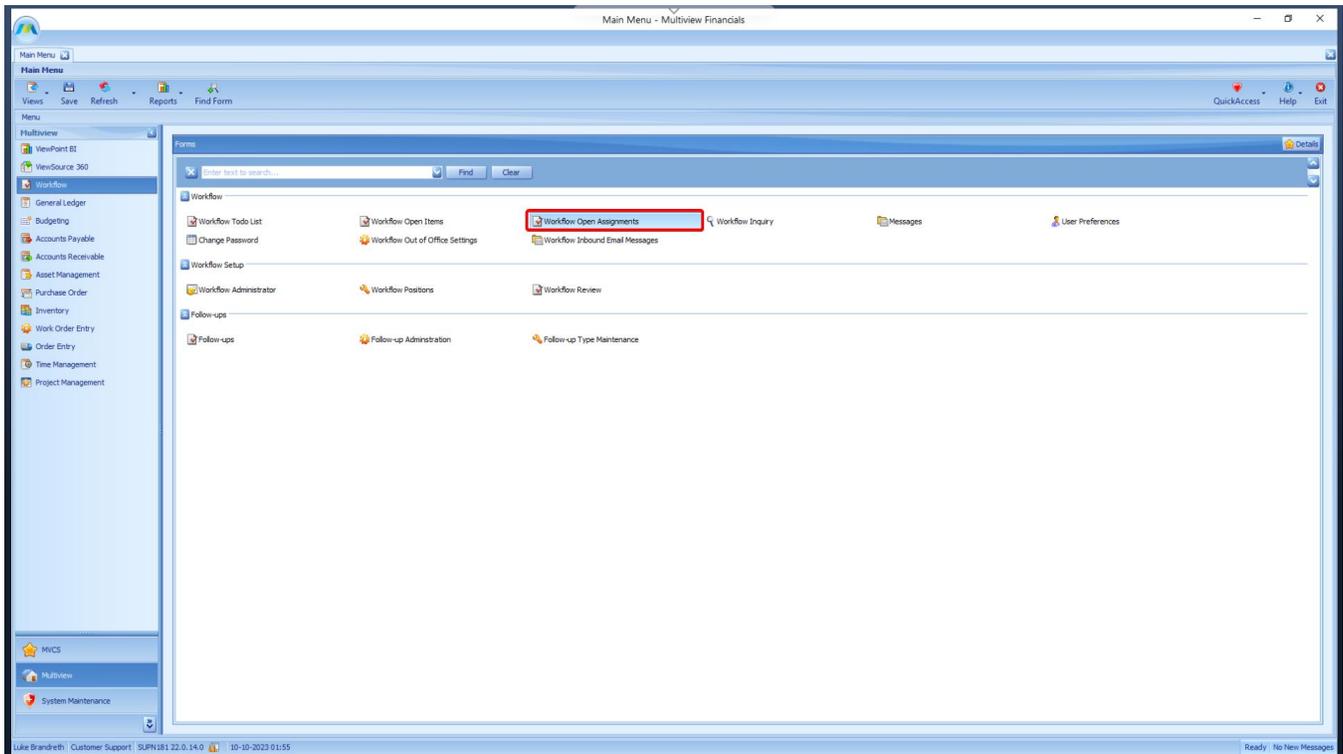
OK Cancel

Further Examples

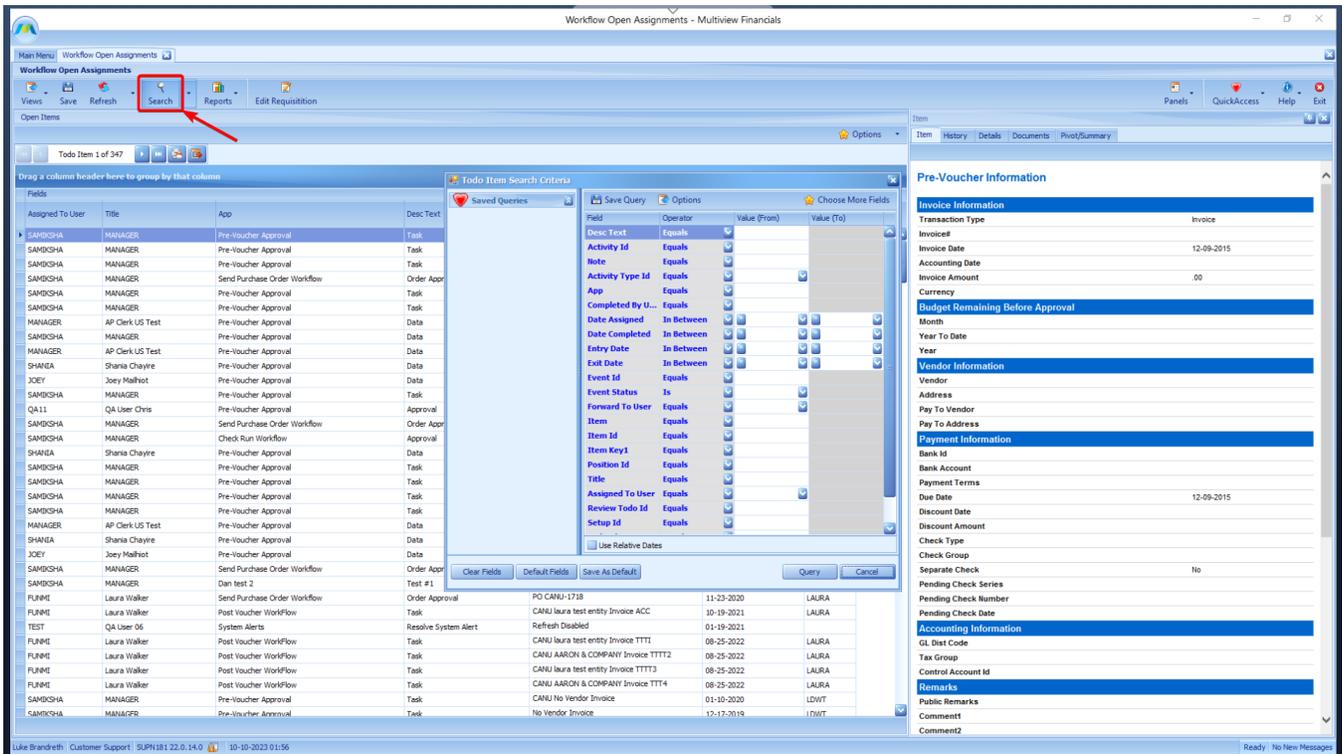
Example #1

You have pre-vouchers that are not getting approved in a timely manner and want to see the number of days an item has been waiting approval.

1. To get started, navigate to Main Menu > Multiview > Workflow > Workflow Open Assignments.



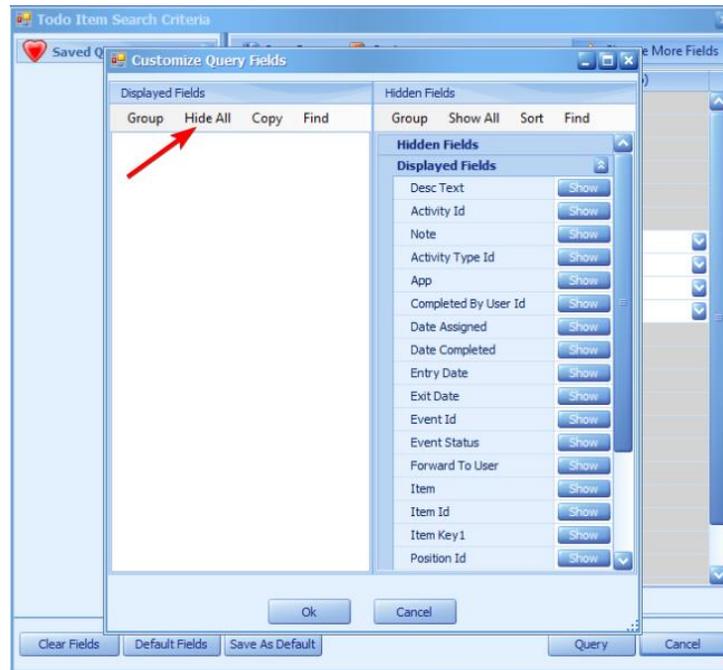
2. A list of all items currently in the Workflow will appear in the grid. For this inquiry, you only want to see items in the Pre-Voucher Workflow. Click on the Search button on the top toolbar to open the Search Criteria window, where we can narrow down our search results.



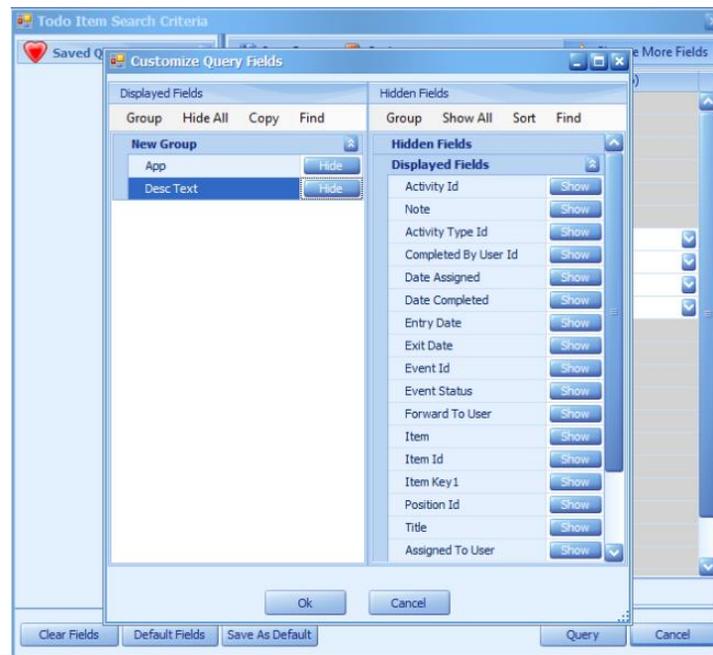
The screenshot shows the 'Workflow Open Assignments' window in Multiview Financials. The 'Search' button in the top toolbar is highlighted with a red box and an arrow. A 'Todo Item Search Criteria' dialog is open, showing a list of fields on the left and a 'Choose More Fields' dialog on the right. The 'Choose More Fields' dialog has a 'Hide All' button. The main window displays a table of workflow assignments and a 'Pre-Voucher Information' panel on the right.

Assigned To User	Title	App	Desc Text
SAMBKSHA	MANAGER	Pre-Voucher Approval	Task
SAMBKSHA	MANAGER	Pre-Voucher Approval	Task
SAMBKSHA	MANAGER	Pre-Voucher Approval	Task
SAMBKSHA	MANAGER	Send Purchase Order Workflow	Order Appr
SAMBKSHA	MANAGER	Pre-Voucher Approval	Task
SAMBKSHA	MANAGER	Pre-Voucher Approval	Task
MANAGER	AP Clerk US Test	Pre-Voucher Approval	Data
SAMBKSHA	MANAGER	Pre-Voucher Approval	Data
MANAGER	AP Clerk US Test	Pre-Voucher Approval	Data
SHANDA	Shania Chayre	Pre-Voucher Approval	Data
JOEY	Joey Malhot	Pre-Voucher Approval	Data
SAMBKSHA	MANAGER	Pre-Voucher Approval	Task
QA11	QA User Chris	Pre-Voucher Approval	Approval
SAMBKSHA	MANAGER	Send Purchase Order Workflow	Order Appr
SAMBKSHA	MANAGER	Check Run Workflow	Approval
SHANDA	Shania Chayre	Pre-Voucher Approval	Data
SAMBKSHA	MANAGER	Pre-Voucher Approval	Task
SAMBKSHA	MANAGER	Pre-Voucher Approval	Task
SAMBKSHA	MANAGER	Pre-Voucher Approval	Task
SAMBKSHA	MANAGER	Pre-Voucher Approval	Task
MANAGER	AP Clerk US Test	Pre-Voucher Approval	Data
SHANDA	Shania Chayre	Pre-Voucher Approval	Data
JOEY	Joey Malhot	Pre-Voucher Approval	Data
SAMBKSHA	MANAGER	Send Purchase Order Workflow	Order Appr
SAMBKSHA	MANAGER	Test	Test #1
FLRME	Laura Walker	Send Purchase Order Workflow	Order Approval
FLRME	Laura Walker	Post Voucher Workflow	Task
TEST	QA User 06	System Alerts	Resolve System Alert
FLRME	Laura Walker	Post Voucher Workflow	Task
FLRME	Laura Walker	Post Voucher Workflow	Task
FLRME	Laura Walker	Post Voucher Workflow	Task
FLRME	Laura Walker	Post Voucher Workflow	Task
FLRME	Laura Walker	Post Voucher Workflow	Task
SAMBKSHA	MANAGER	Pre-Voucher Approval	Task
SAMBKSHA	MANAGER	Pre-Voucher Approval	Task

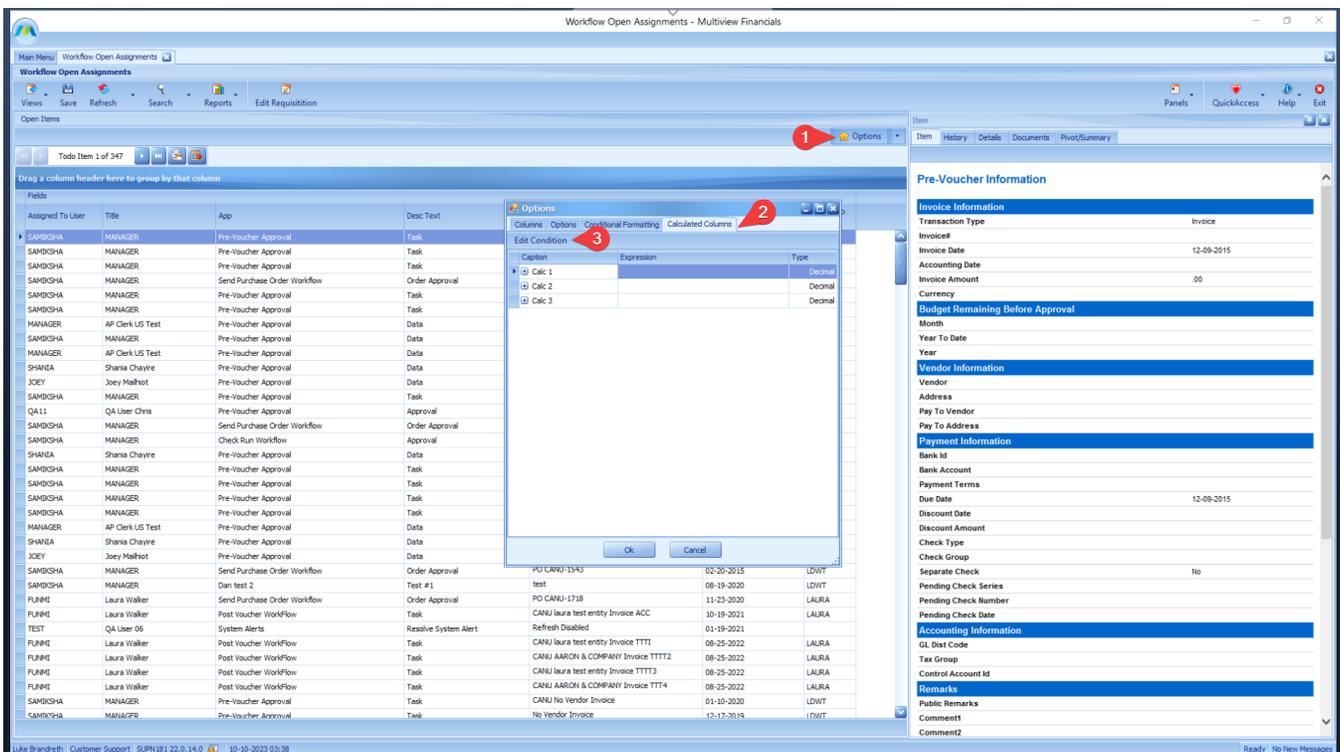
- Click on the Choose More Fields button in the top-right corner to customize the fields available for query. There are many query fields in this screen that you will not need, so you can clean it up to make it easier to find the fields you want.
 - Move all fields from the Displayed Fields column on the left-hand side to the Hidden Fields column on the right by clicking on the "Hide All" button.



- Drag and drop the following fields from the Hidden Fields column back to the Displayed Fields Column on the left:
 - i. App
 - ii. Desc Text

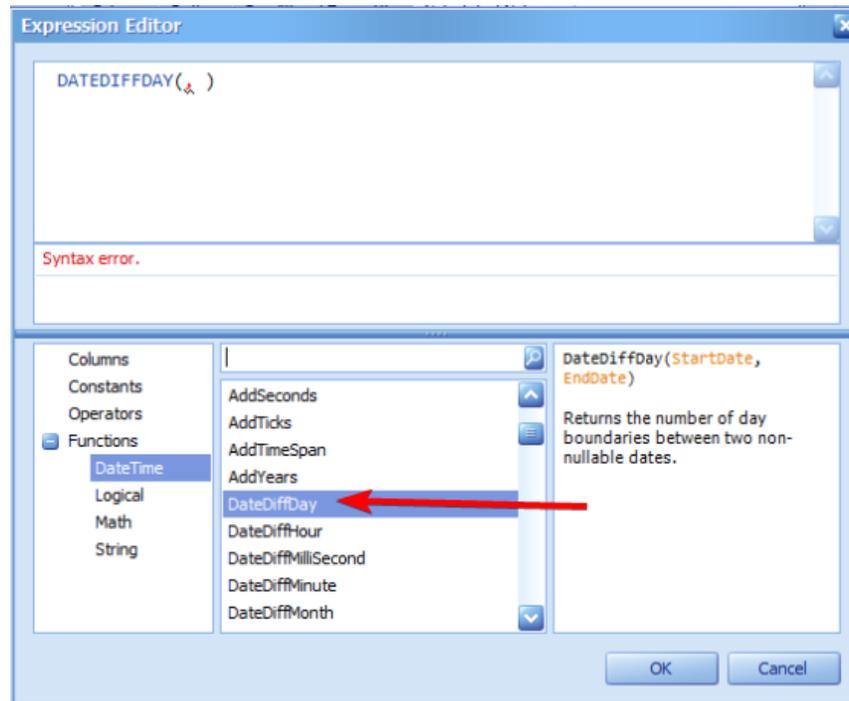


- Click the “OK” button at the bottom of the Customize Query Fields pop-up window.
4. Entering Search parameters
 - The App is “Pre-Voucher Approval.” With just that parameter entered, it will show all pre-voucher assignments, including data entry tasks.
 - If you want to see only approvals, then you can use the Desc Text parameter to look for only nodes that contain “Approval” in their name. Select the Desc Text field and then:
 - i. Change the Operator from “Equals” to “Like.”
 - ii. In the Value (From) field, enter “Approval.”
 5. Adding a calculated field for days outstanding
 - Click on the “Options” button above the grid.
 - Select the Calculated Columns tab along the top of the Options window.
 - Select the first calculated field, Calc 1, and click on the “Edit Condition” button above the calculated fields.

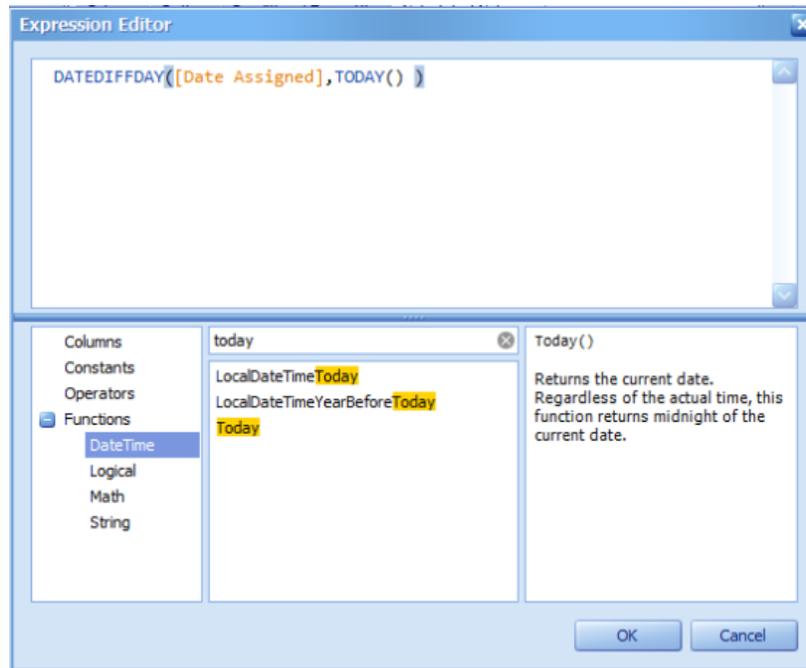


The screenshot displays the 'Workflow Open Assignments - Multiview Financials' application. The main window shows a grid of assignments with columns for Assigned To User, Title, App, and Desc Text. An 'Options' window is open over the grid, with the 'Calculated Columns' tab selected. The 'Edit Condition' section of the Options window is visible, showing a table with columns for Caption, Expression, and Type. The first row, 'Calc 1', is selected. The 'Edit Condition' button is highlighted with a red circle. The background grid shows various tasks and approvals, with the 'Desc Text' column containing terms like 'Pre-Voucher Approval' and 'Send Purchase Order Workflow'.

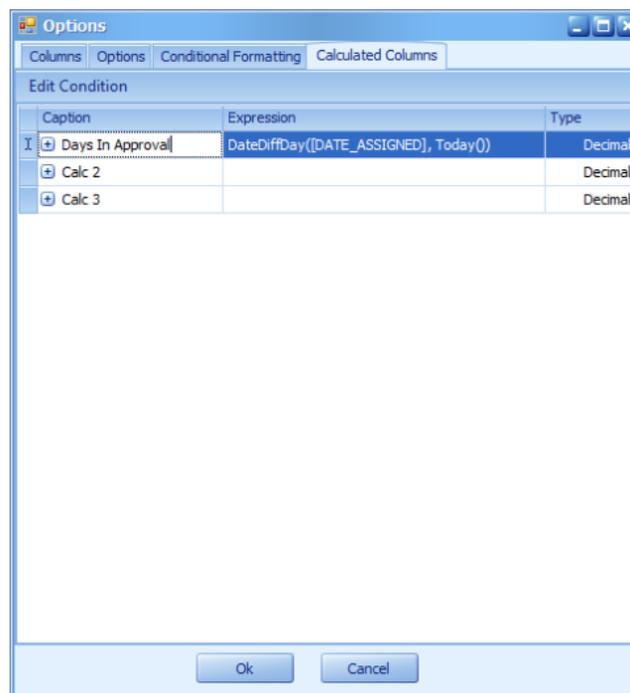
- Choose Functions from the first column and double-click on DateDiffDay(,) from the middle column. This will put it into the top section of the Expression Editor.



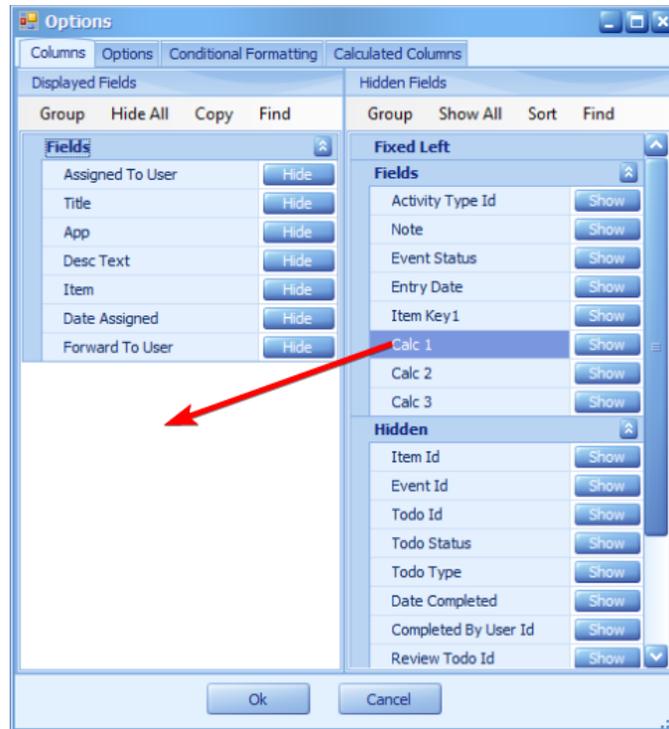
- Choose Columns from the first column and double-click on [Date Assigned] from the middle column.
- Move your cursor in between the comma and the closing parenthesis.
- Choose Functions from the first column and double-click on Today() from the middle column.
- Your expression should read: **DateDiffDay([Date Assigned],Today())**.



- Click OK.
- Click into the Caption field where it says Calc 1. Type in your calculated field a desired name, ex: Days in Approval.

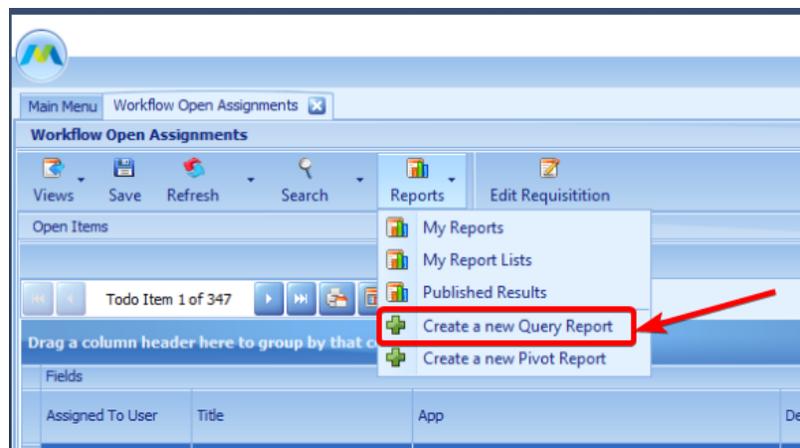


- Click on the Columns tab at the top of the Options window and then drag and drop the calculated field from the Hidden Fields on the right-hand side to the Displayed Fields on the left-hand side. **Note:** The calculated field will still have the Caption of “Calc 1” on the Columns tab, but the name will appear correctly in the Grid.



6. Saving the query as a report

- Click on the “Reports” button on the top toolbar and select Create a New Query Report.

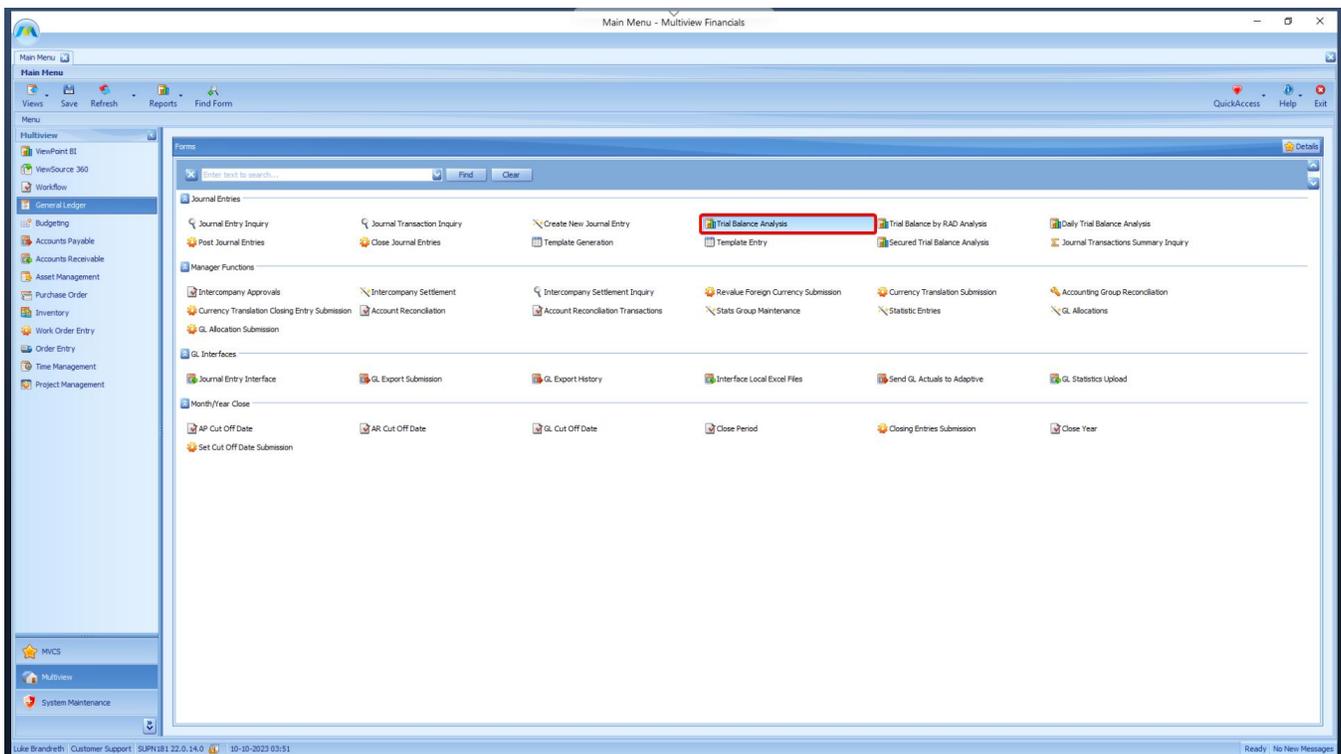


- Enter a name for your Report in the Report Name field, such as “Pre-Voucher – Days in Approval Report.”
 - Click Ok
7. You can access any saved query report from either the inquiry screen where it was created, or the My Reports screen. Click on the “Reports” button on the top toolbar and Select My Reports. Find the report that you created and double-click it, or click on View Results, to run your query.

Example #2

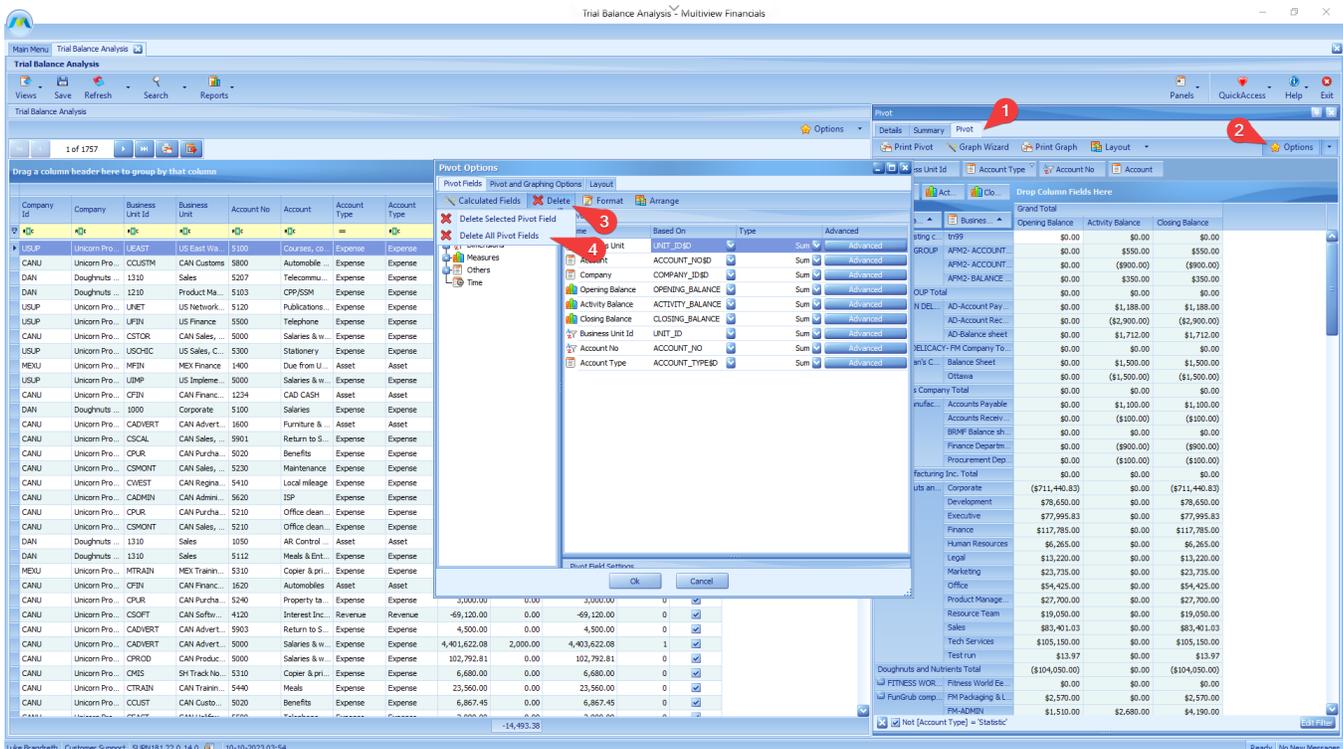
You would like to run a Trial Balance report and be able to see totals by Business Unit/department as well as be able to drill into the detail where needed.

1. To get started, navigate to Main Menu-> Multiview -> General Ledger-> Trial Balance Analysis.



2. Once directed to the Trial Balance Analysis screen, a Search Criteria window will appear.
 - Select the Use Relative Dates checkbox located at the bottom of the Search Criteria window to enable the use of relative periods instead of calendar dates. This helps your search remain 'current' in relation to when you perform your query.

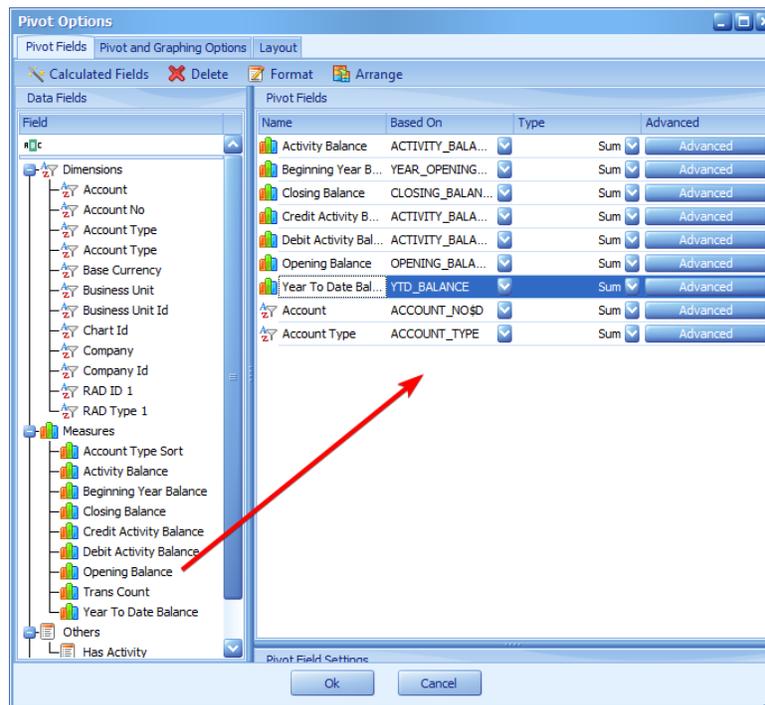
- When the Use Relative Dates option is selected, clicking on a date drop-down will raise the Relative Date popup. You can select a Relative Date Type from the drop-down.
 - Select CYB - Current Year Begin for the From Date
 - Select CME - Current Month End for the To Date
- Enter a Company Id as desired.
- Click Query
- Customizing your Pivot
 - Click on the Pivot panel on the right-hand side of the screen. Adjust the panel to occupy half of your screen. This enables you to have more space to experience the full functionality of the Pivot table.
 - Click on the Options button in the top right corner.
 - Click on Delete > Delete All Pivot Fields



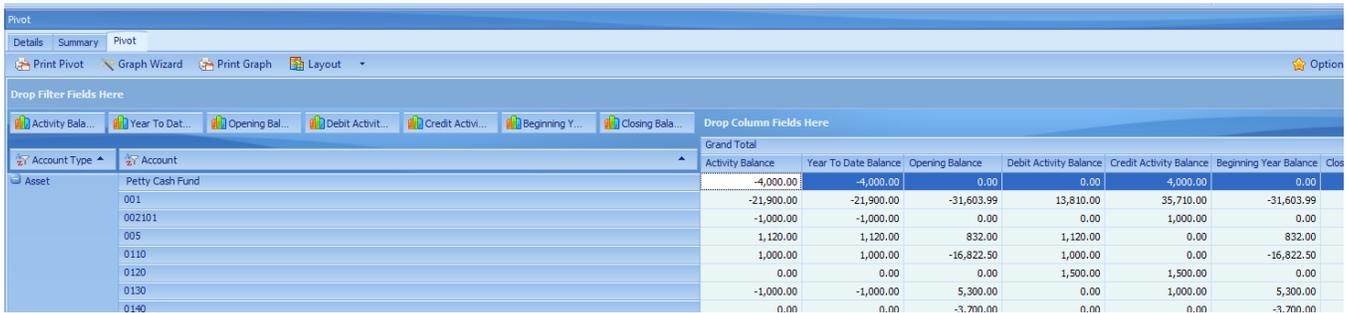
The screenshot displays the 'Trial Balance Analysis' window in Multiview Financials. The main window shows a list of accounts with columns for Company, Business Unit, Account No, Account, and Account Type. A 'Pivot Options' dialog box is open, allowing users to customize the pivot table. The 'Pivot Fields' section is active, showing a list of fields to be placed in the pivot table. The 'Measures' section is also visible, showing options for 'Sum' and 'Advanced'. Red callouts are placed over the interface: 1 points to the Pivot panel on the right, 2 points to the Options button in the top right, 3 points to the 'Delete All Pivot Fields' button in the Pivot Options dialog, and 4 points to the 'UNIT_ID' field in the Pivot Fields list.

- Open the Dimensions section on the left > Drag and drop the following fields to the pivot fields on the right:
 - Account
 - Account Type
- Open the Measures section-> Drag and drop the following fields to the pivot fields on the right:

- i. Activity Balance
- ii. Beginning Year Balance
- iii. Closing Balance
- iv. Credit Activity Balance
- v. Debit Activity Balance
- vi. Opening Balance
- vii. Year To Date Balance



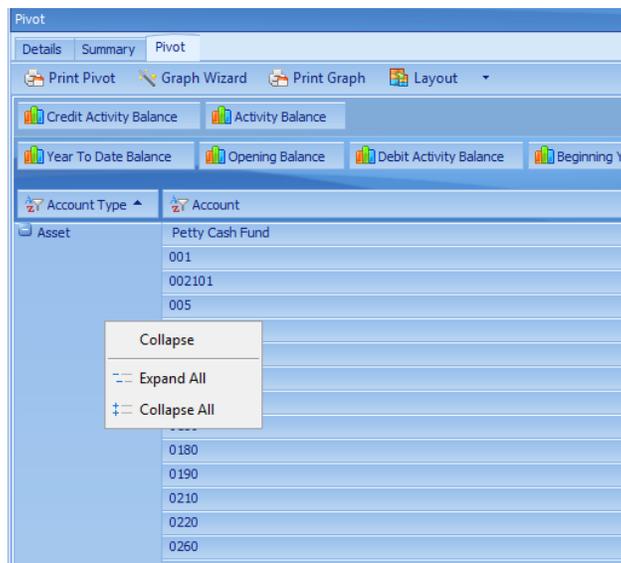
- Click OK
4. Creating your Pivot table
 - Drag and drop the following fields on the Rows (Drop Row Fields here)
 - i. Account Type
 - ii. Account
 - Drag and drop the following fields on the Data Items (Drop Data Items Here)
 - i. Beginning Year Balance
 - ii. Opening Balance
 - iii. Debit Activity Balance
 - iv. Credit Activity Balance
 - v. Closing Balance
 - vi. Year To Date Balance



Drop Filter Fields Here		Drop Column Fields Here					
Account Type	Account	Activity Balance	Year To Date Balance	Opening Balance	Debit Activity Balance	Credit Activity Balance	Beginning Year Balance
Asset	Petty Cash Fund	-4,000.00	-4,000.00	0.00	0.00	4,000.00	0.00
	001	-21,900.00	-21,900.00	-31,603.99	13,810.00	35,710.00	-31,603.99
	002101	-1,000.00	-1,000.00	0.00	0.00	1,000.00	0.00
	005	1,120.00	1,120.00	832.00	1,120.00	0.00	832.00
	0110	1,000.00	1,000.00	-16,822.50	1,000.00	0.00	-16,822.50
	0120	0.00	0.00	0.00	1,500.00	1,500.00	0.00
	0130	-1,000.00	-1,000.00	5,300.00	0.00	1,000.00	5,300.00
	0140	0.00	0.00	-3,700.00	0.00	0.00	-3,700.00

5. Adjusting/Using your Pivot table

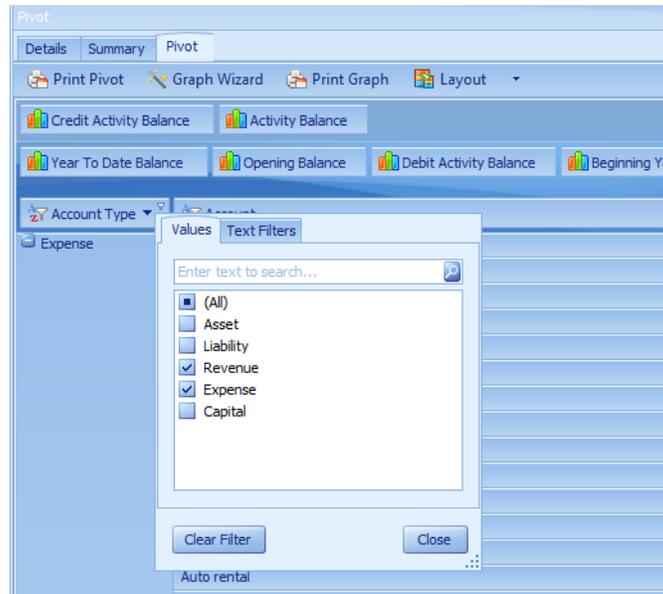
- Switch Activity Balance with Debit and Credit Activity Balance fields
 - i. Drag and drop Debit Activity Balance and Credit Activity Balance fields back up to the filter fields
 - ii. Drag Activity Balance down to the data fields in between the opening and closing balance fields
 - iii. Right-click in the blue space under the Asset group heading and select Collapse All



The screenshot shows the Pivot table interface with the Account Type field selected. A context menu is open, displaying the following options:

- Collapse
- Expand All
- Collapse All

- Filter to look at just revenue and expense account types
 - i. Click on the funnel icon in the top-right corner of the Account Type field heading and uncheck Asset, Liability, and Capital

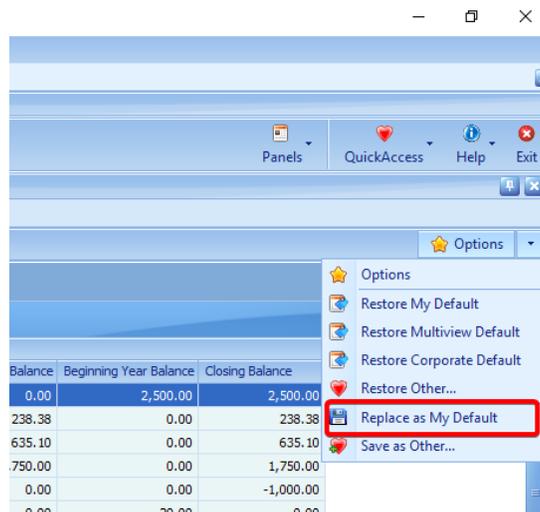


ii. Click OK

- Right-click on the Revenue group heading and select Expand All
- Double-click in the Clinic Service Revenue Activity Balance cell.
- Remove the filter from the Account Type
- Click on the funnel icon in the top-right corner of the Account Type field heading and check (Show All).
- Click Ok.

6. Saving your Pivot Table

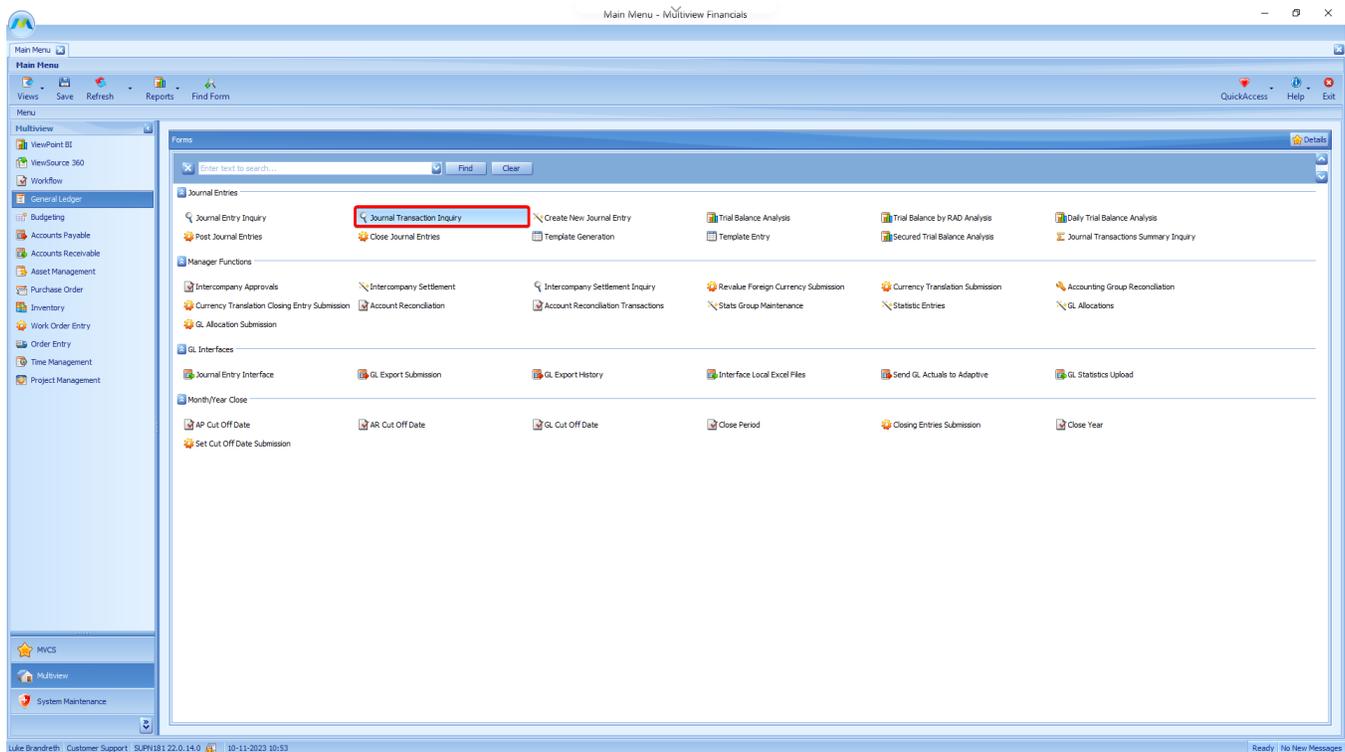
- Click on the Drop-down beside the options button and select Replace as My Default



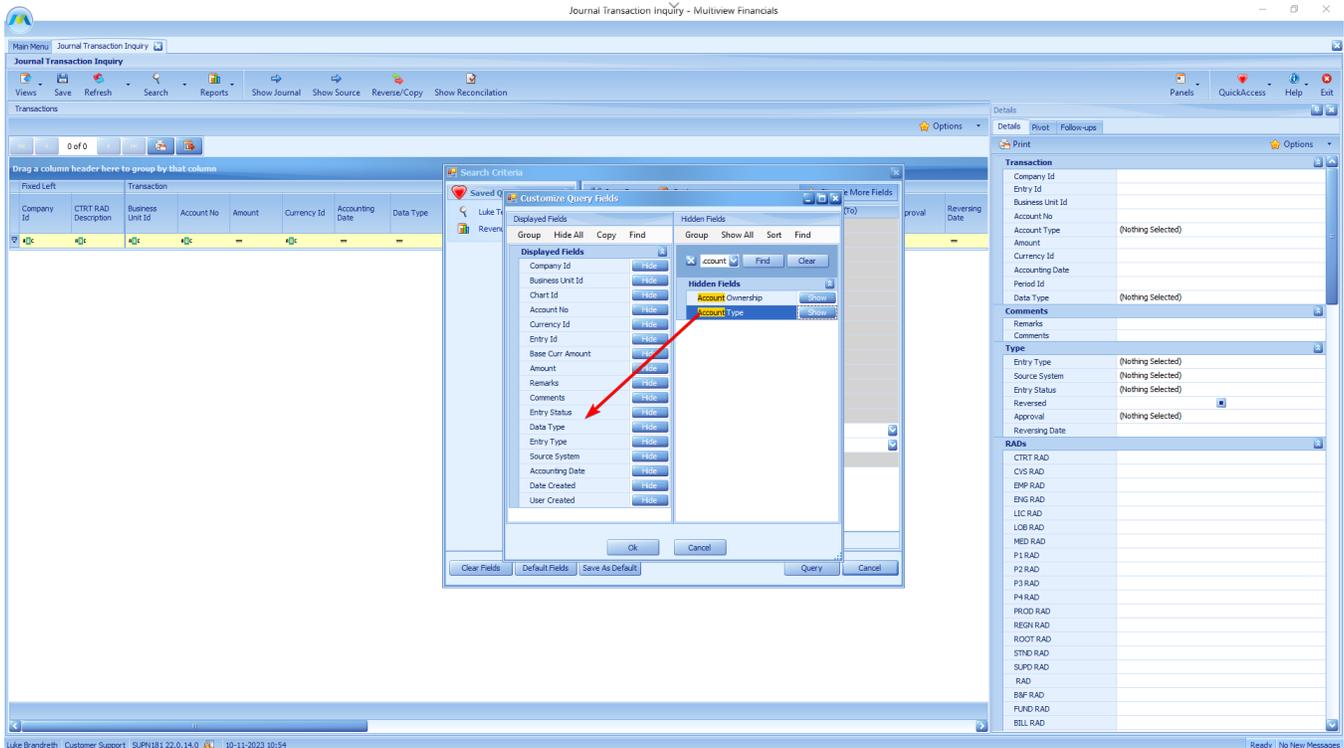
Example #3

You would like to analyze revenue by department for the first 2 quarters of FY 2023. You would like to get results ranked from top to bottom. You have decided to use a Pivot table to dissect the data and present the results.

1. To get started, navigate to Main Menu-> Multiview -> General Ledger-> Journal Transaction Inquiry.



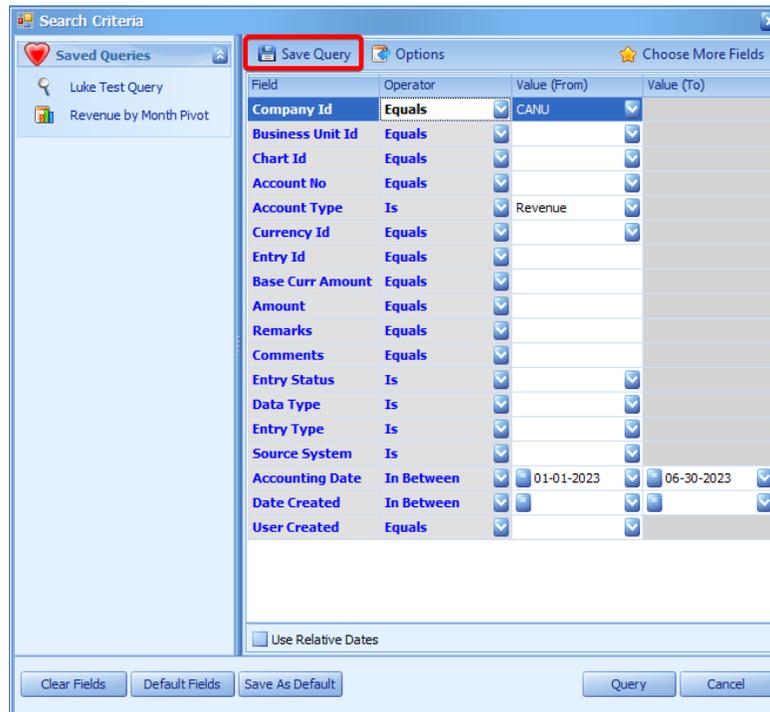
2. From the Search Criteria screen, select Choose More Fields (Star Icon, top-right) and add in Account Type by dragging it from Hidden Fields to the Displayed Fields



- Click Ok
- Add the following parameters to the Query window.

Field	Operator	Value (From)	Value (To)
Account Type	Is	Revenue	
Accounting Date	In Between	01/01/2023	06/30/2023
Company Id	Equals	CANU	

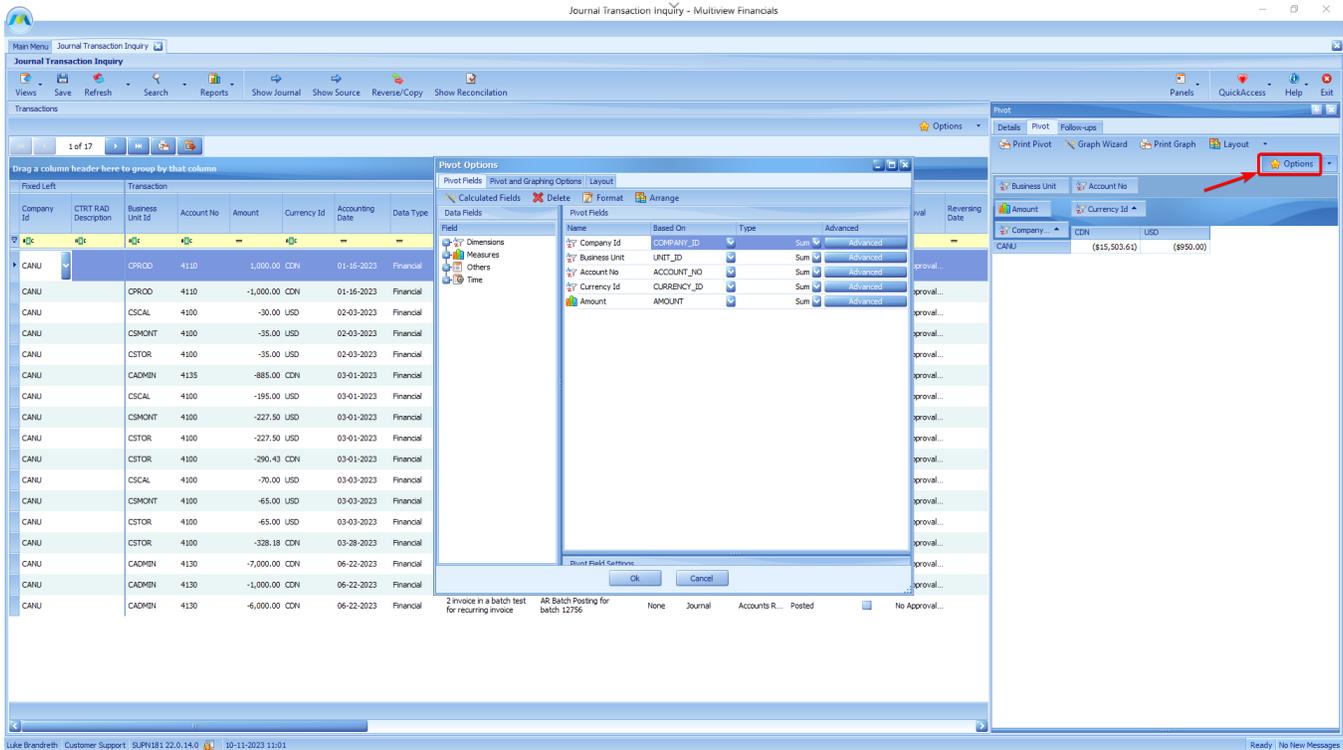
- Click Save Query and select Save As...



- Type "Revenue by Department" in the Title bar
- Click OK.
- Click Query to continue.

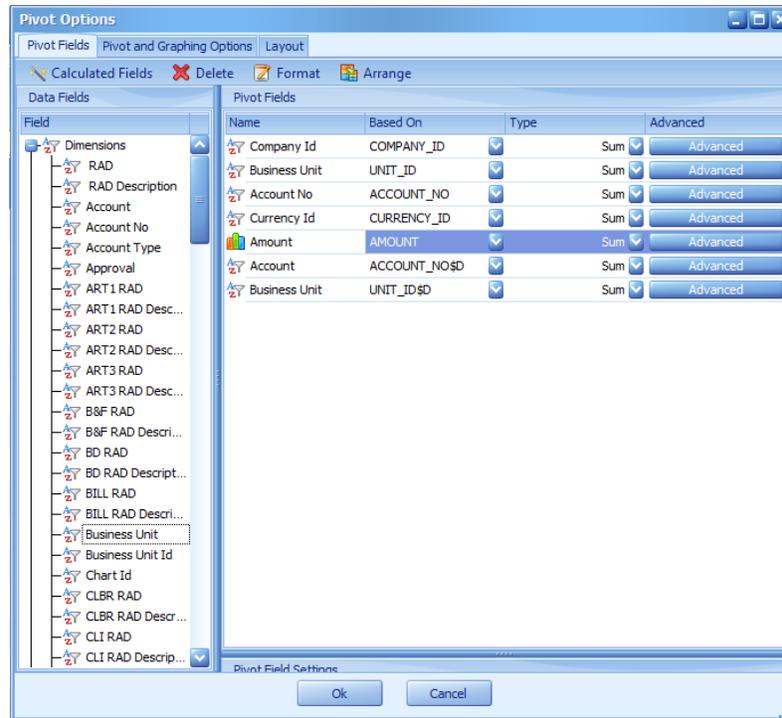
3. Customizing your Pivot

- Select Views > Multiview Default to restore the screen layout to Multiview default.
- Select the Pivot panel on the right-hand side of the screen and adjust the window to occupy half of your screen. This enables you to have more space to experience the full functionality of the Pivot table.
- Click on the Options button from the docking panel (NOT from the grid), the Pivot Options window will pop-up (**WARNING:** You need to be on the Pivot tab otherwise the correct options window will not appear).



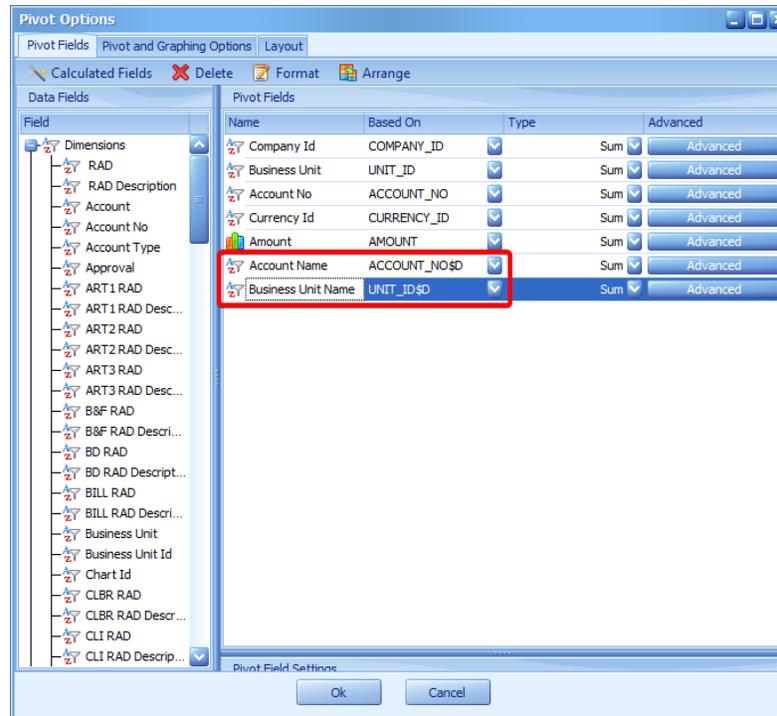
The screenshot displays the 'Journal Transaction Inquiry - Multiview Financials' application. The main window shows a list of transactions with columns for Company Id, CTRT RAD Description, Business Unit Id, Account No, Amount, Currency Id, Accounting Date, and Data Type. A 'Pivot Options' dialog box is open, allowing users to configure pivot fields. The 'Data Fields' tab is selected, showing a list of fields including Company Id, Business Unit, Account No, and Amount. A red arrow points to the 'Options' button in the top right corner of the dialog box.

- Open the Dimensions section on the left > Drag and drop the following fields to the pivot fields on the right:
 - i. Account
 - ii. Business Unit
- When these fields have been added to your Pivot Fields display, it should appear as below:



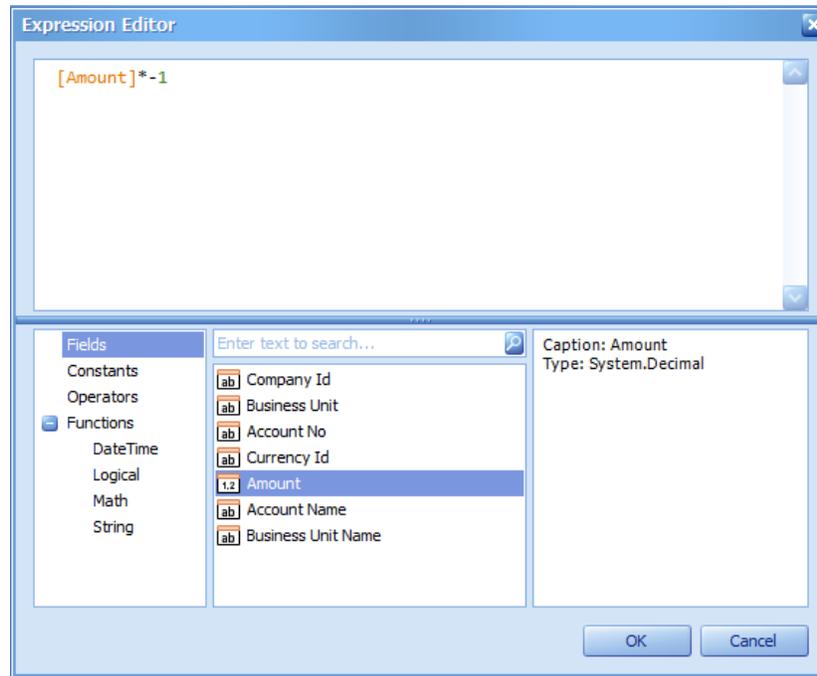
4. Modifying Pivot Fields

- Change Names by clicking and typing into the Name column.
 - i. "Account" to "Account Name" for the field Based on ACCOUNT_NO\$D
 - ii. "Business Unit" to "Business Unit Name" for the field Based on UNIT_ID\$D

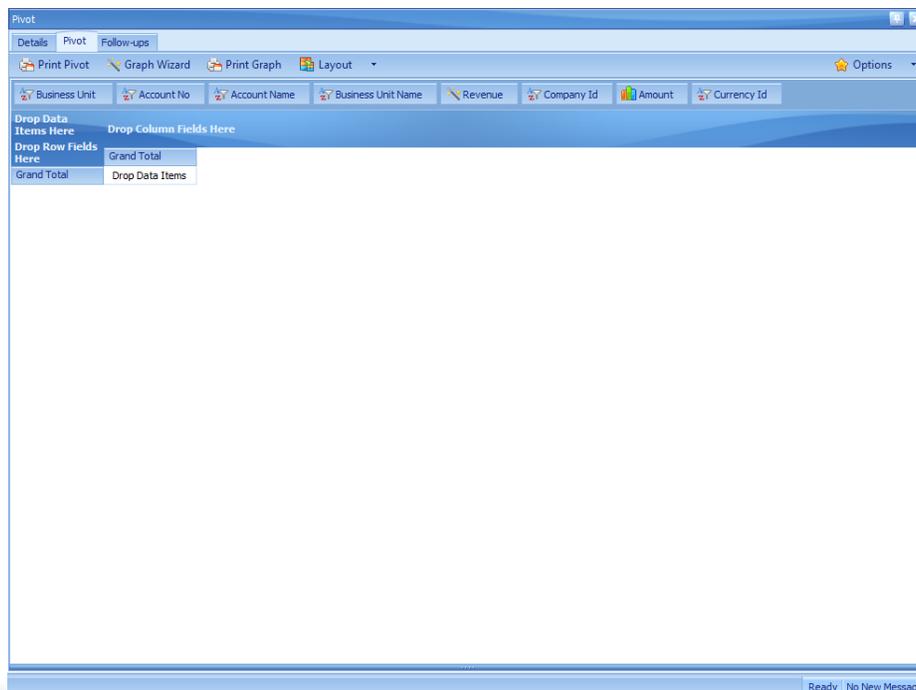


5. Adding a Calculated Pivot Field

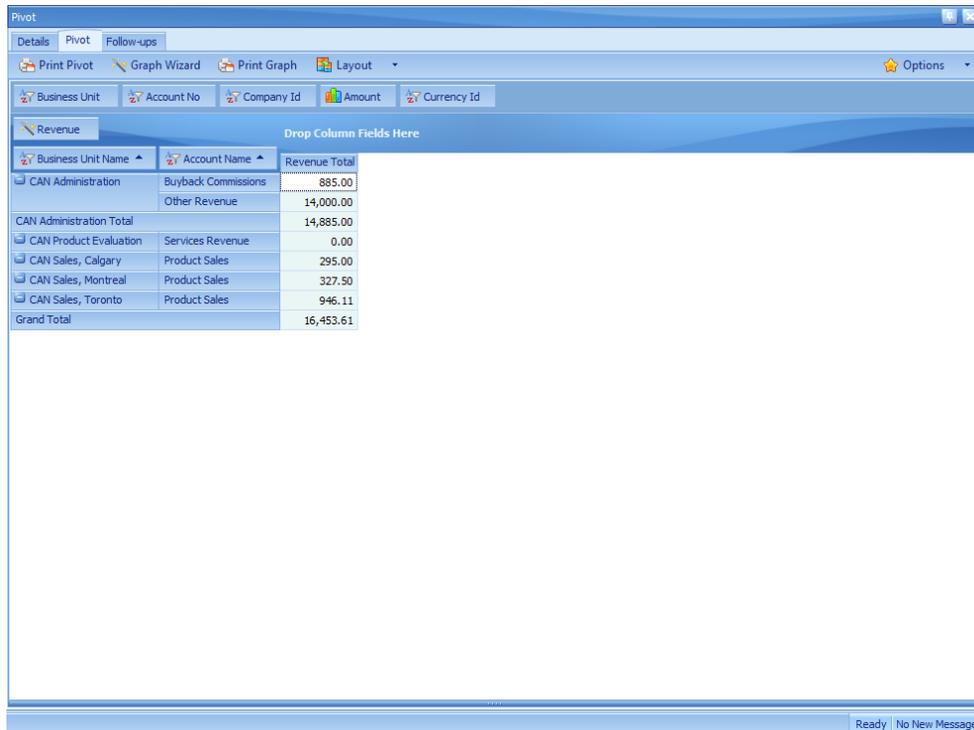
- To add calculated fields, select Calculated Fields at the top of the Pivot Options display and then select Add Calculated Number
- A pop-up window will appear prompting you to enter a title for the field: "Revenue."
- Click OK to continue.
- At the Expression Editor:
 - Choose Fields from the first column and double-click on [Amount] from the middle column (it has now appeared as a variable on the Expression Editor panel above)
 - Type in the rest of the formula *-1 in the Expression Editor, so that the formula displayed is: [Amount]*-1



- Click OK to continue and then OK again on the Pivot Options screen.
6. At the main Pivot tab
- Remove (Drag) Company Id, Amount and Currency Id to the FILTER Area



- Drag the measure Revenue (Magic Wand Icon) into Drop DATA Items Here
- Drag the dimensions Business Unit Name and Account Name into Drop ROW Fields Here

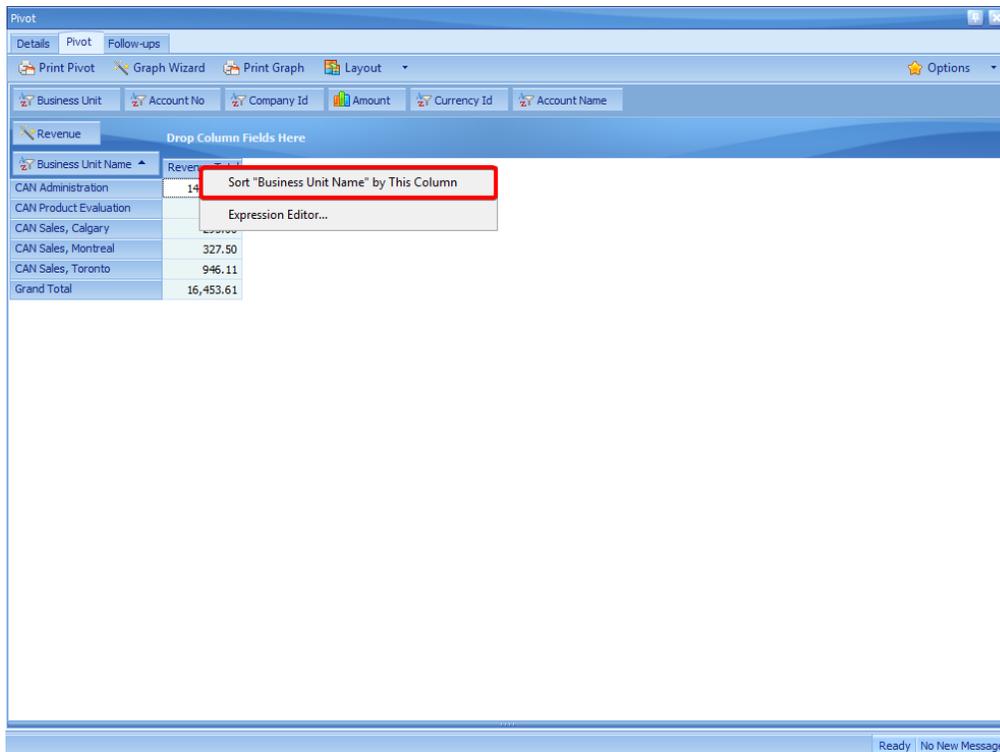


The screenshot shows a Pivot table window titled "Pivot" with a ribbon containing "Details", "Pivot", and "Follow-ups". The ribbon includes buttons for "Print Pivot", "Graph Wizard", "Print Graph", and "Layout", along with an "Options" dropdown. Below the ribbon, there are fields for "Business Unit", "Account No", "Company Id", "Amount", and "Currency Id". The Pivot table is set to "Revenue" and has a "Drop Column Fields Here" area. The table data is as follows:

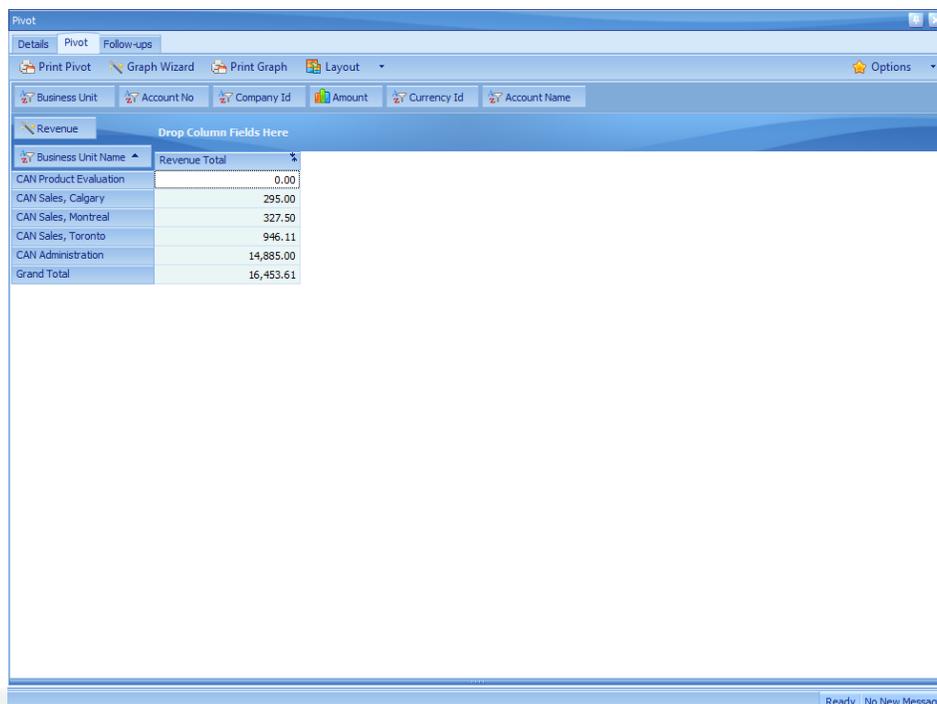
Business Unit Name	Account Name	Revenue Total
CAN Administration	Buyback Commissions	885.00
	Other Revenue	14,000.00
CAN Administration Total		14,885.00
CAN Product Evaluation	Services Revenue	0.00
CAN Sales, Calgary	Product Sales	295.00
CAN Sales, Montreal	Product Sales	327.50
CAN Sales, Toronto	Product Sales	946.11
Grand Total		16,453.61

7. Final clean-up

- In your Pivot Grid, remove Account Name from the ROW Fields to FILTER Area to provide a less detailed Summary View to accommodate high-level information needs.
- To address the Company's inquiry of which department has the highest Revenue, right-click on the respective column and choose Sort "Business Unit Name" by This Column



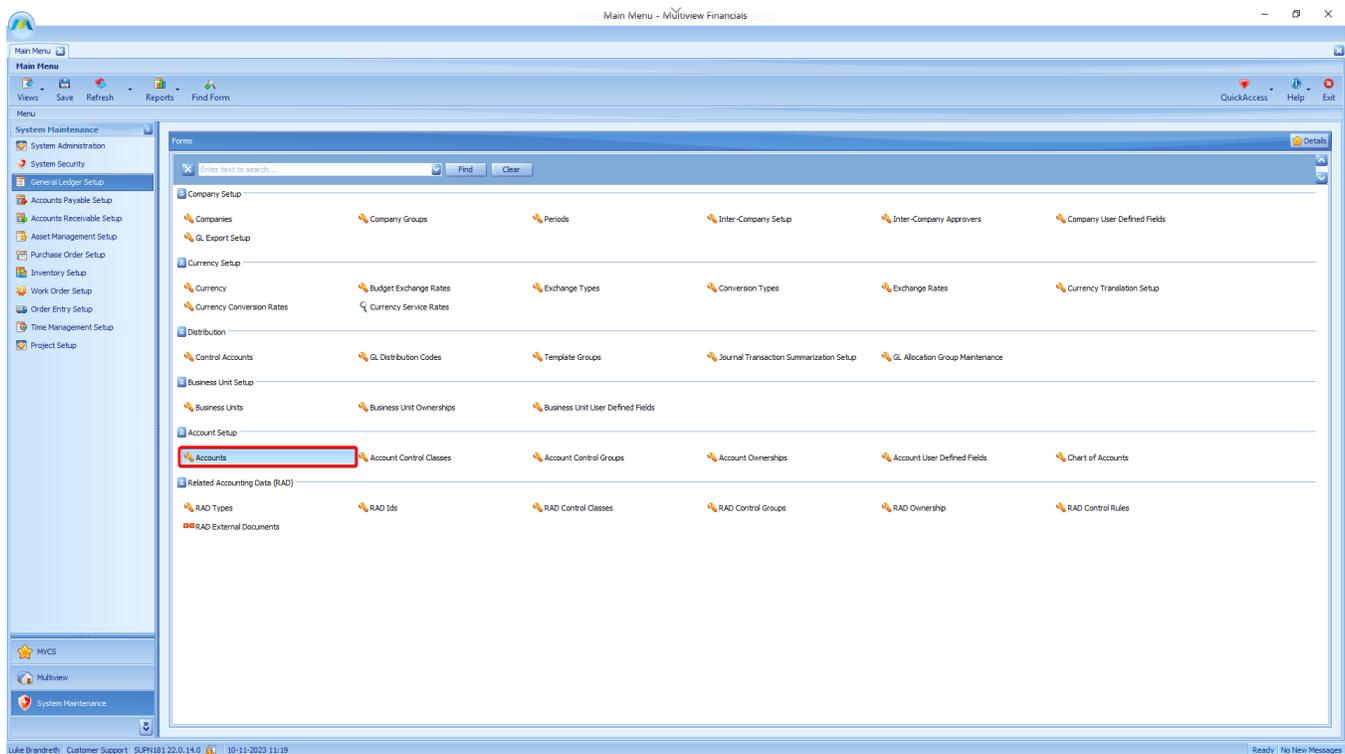
- Your finished pivot report should look as follows:



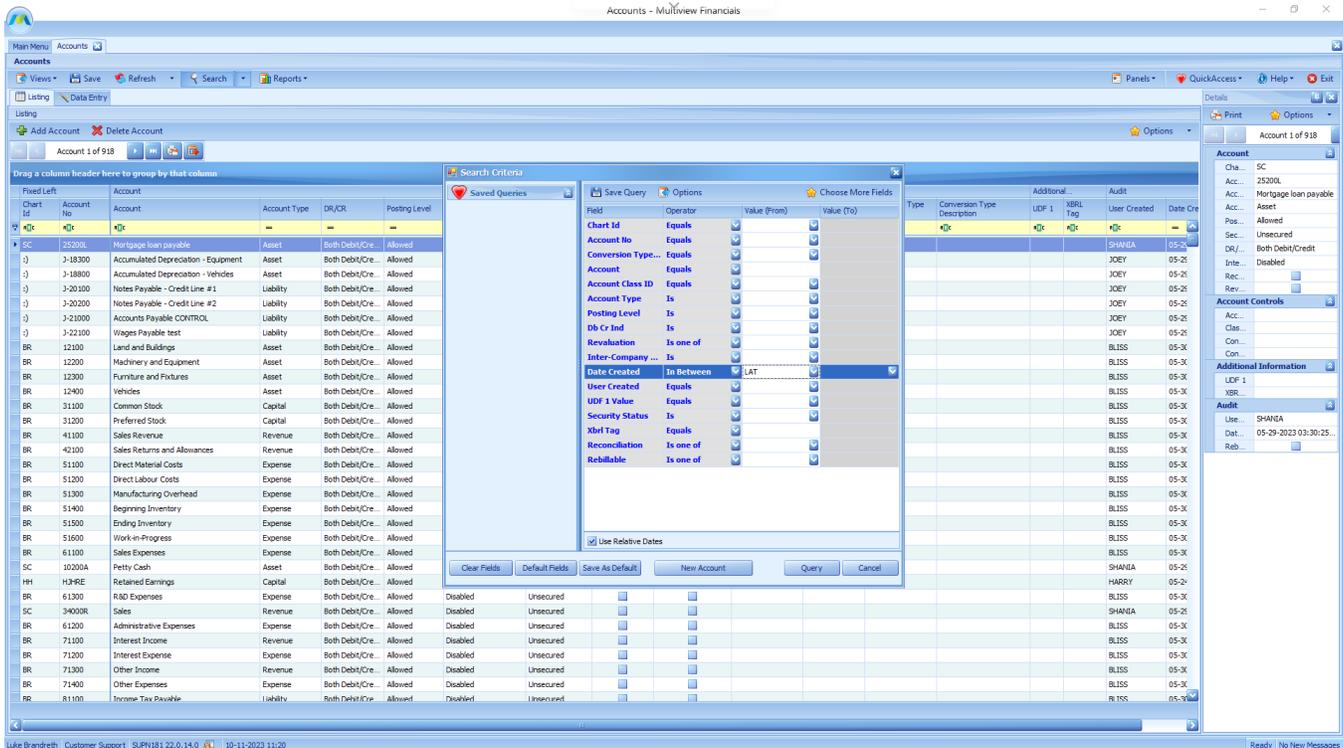
Example #4

You would like to create a Query report to alert you when an Account has been added. You do not want to miss adding a new account to your Ownership.

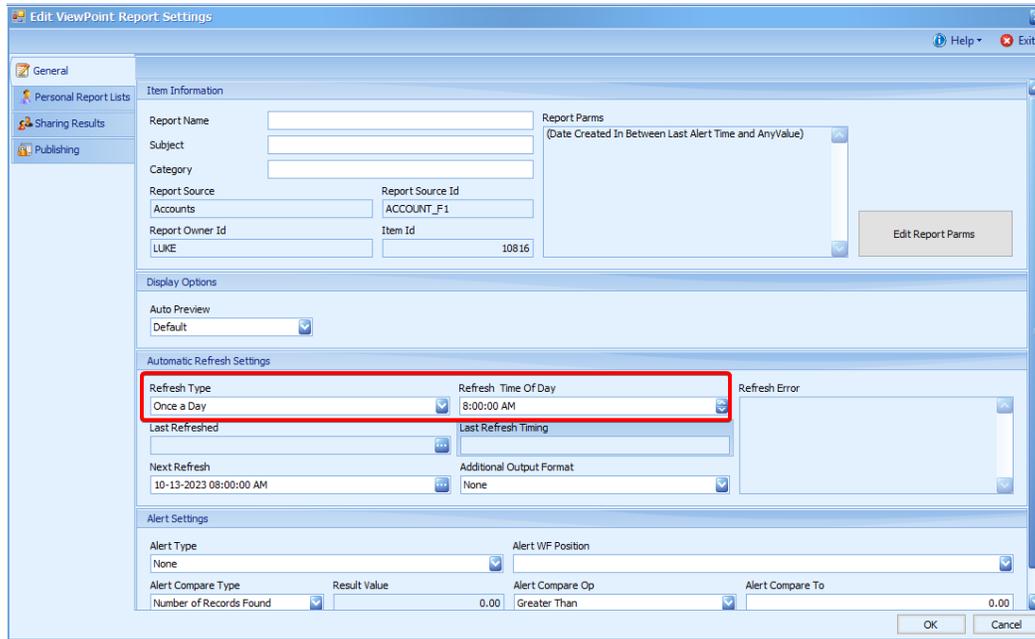
1. To get started, navigate to System Maintenance Menu > General Ledger Setup module > Accounts.



2. Press on the Search button on the tool bar, a Search Criteria window will appear.
 - Select the Use Relative Dates checkbox located at the bottom of the Search Criteria window to enable the use of relative periods instead of calendar dates. This helps your search remain 'current' in relation to when you perform your query.
 - Click on the drop down in the Date Created field to open the Relative Date window.
 - Under the Relative Date Type, select LAT - Last Alert Time
 - Click OK
 - Query



3. The search above returns an empty grid, as we do not have data that met the criteria in the search.
4. Create the Query report.
 - Click on the Reports button on the top toolbar and select Create a New Query Report.
 - Enter a name for your Report in the Report Name field, such as "Accounts to be added to Ownership."
5. Setting up the report to run on a schedule.
 - While on the same screen, open the Refresh Type drop down located under the Automatic Refresh Settings area. Select a Refresh Type of Once a Day
 - Tab over to the Refresh Time of Day field and select the time you would like this report to run, for this example we will pick 8:00 am
 - Notice that the Next Refresh field has been updated to reflect the above selections. This field can be overridden.



Edit ViewPoint Report Settings

General

Item Information

Report Name:
 Subject:
 Category:
 Report Source: Report Source Id: ACCOUNT_F1
 Accounts:
 Report Owner Id: LUKE Item Id: 10816

Report Params (Date Created In Between Last Alert Time and AnyValue):

Display Options

Auto Preview: Default

Automatic Refresh Settings

Refresh Type: Once a Day Refresh Time Of Day: 8:00:00 AM Refresh Error:
 Last Refreshed: Last Refresh Timing:
 Next Refresh: 10-13-2023 08:00:00 AM Additional Output Format: None

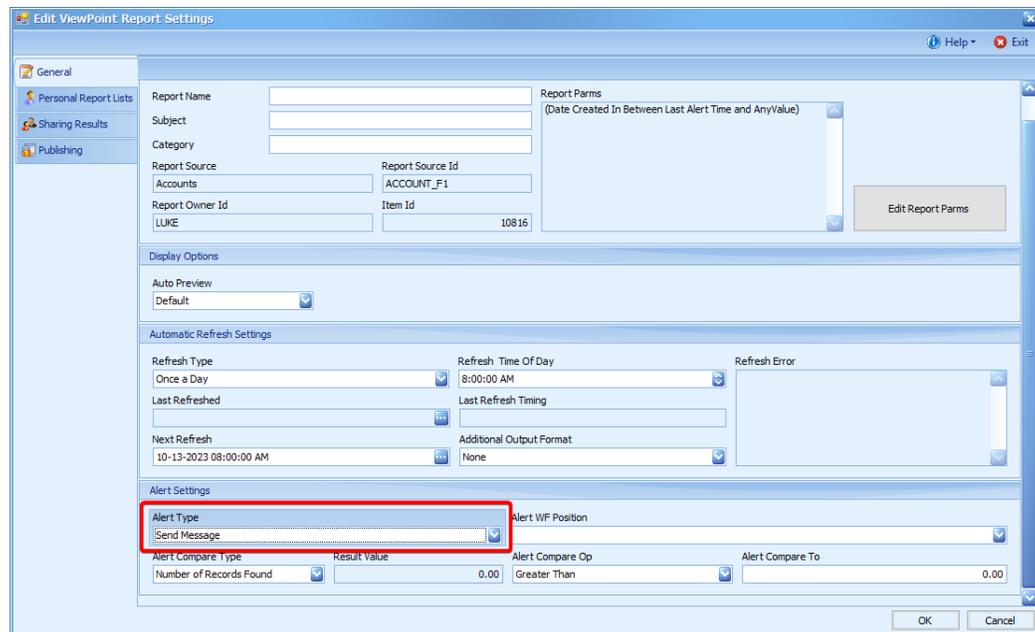
Alert Settings

Alert Type: None Alert WF Position:
 Alert Compare Type: Number of Records Found Result Value: 0.00 Alert Compare Op: Greater Than Alert Compare To: 0.00

OK Cancel

6. Setting up the alert

- From the Alert Type drop down, please select Send Message.
- Send Message will send an internal Multiview message letting you know there is a message for you to review. Messages will display as a pop up on the right-hand corner of the screen.



Edit ViewPoint Report Settings

General

Item Information

Report Name:
 Subject:
 Category:
 Report Source: Report Source Id: ACCOUNT_F1
 Accounts:
 Report Owner Id: LUKE Item Id: 10816

Report Params (Date Created In Between Last Alert Time and AnyValue):

Display Options

Auto Preview: Default

Automatic Refresh Settings

Refresh Type: Once a Day Refresh Time Of Day: 8:00:00 AM Refresh Error:
 Last Refreshed: Last Refresh Timing:
 Next Refresh: 10-13-2023 08:00:00 AM Additional Output Format: None

Alert Settings

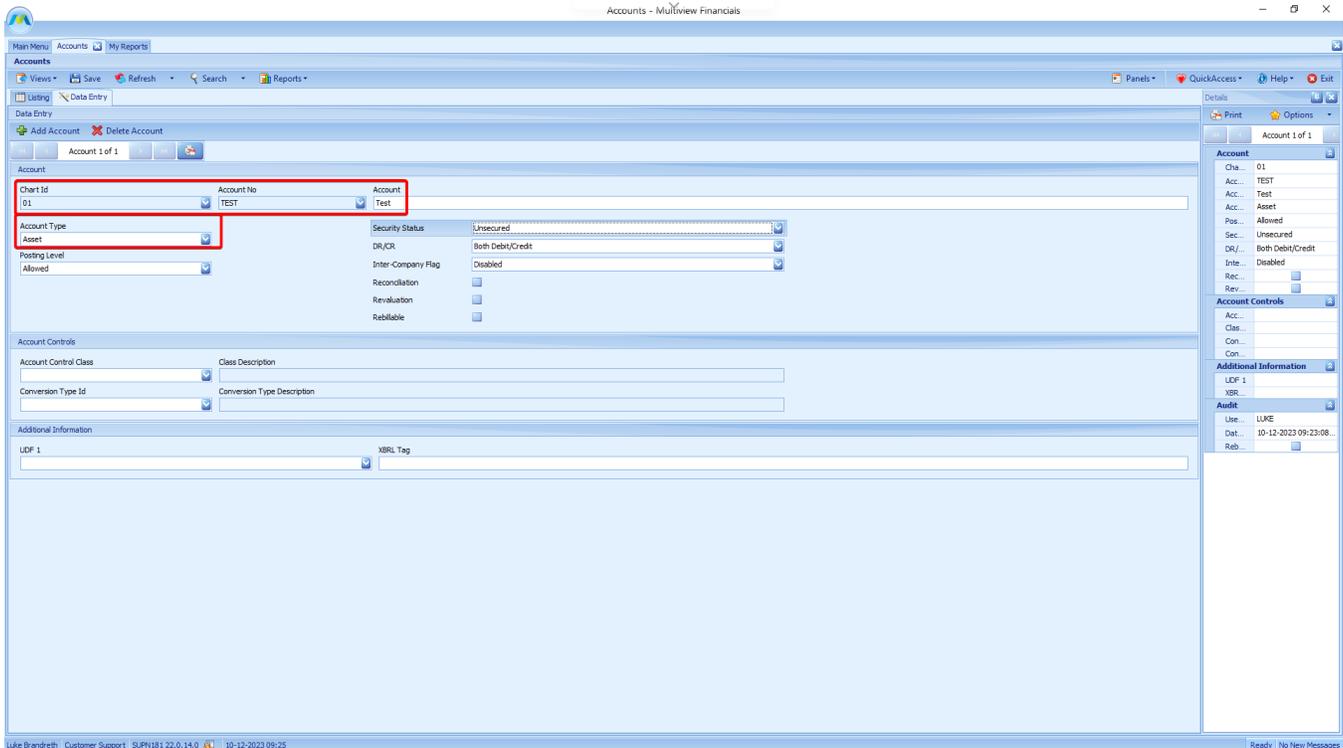
Alert Type: Send Message Alert WF Position:
 Alert Compare Type: Number of Records Found Result Value: 0.00 Alert Compare Op: Greater Than Alert Compare To: 0.00

OK Cancel

- Tab over to the Compare Alert Type, use the drop down to choose Number of Records Found.
 - Leave all other fields as default.
 - Press OK to keep all selections.
7. Look at the created Query Report.
- From the tool bar, select My Reports.
 - Search for the report created by using the auto filter row.



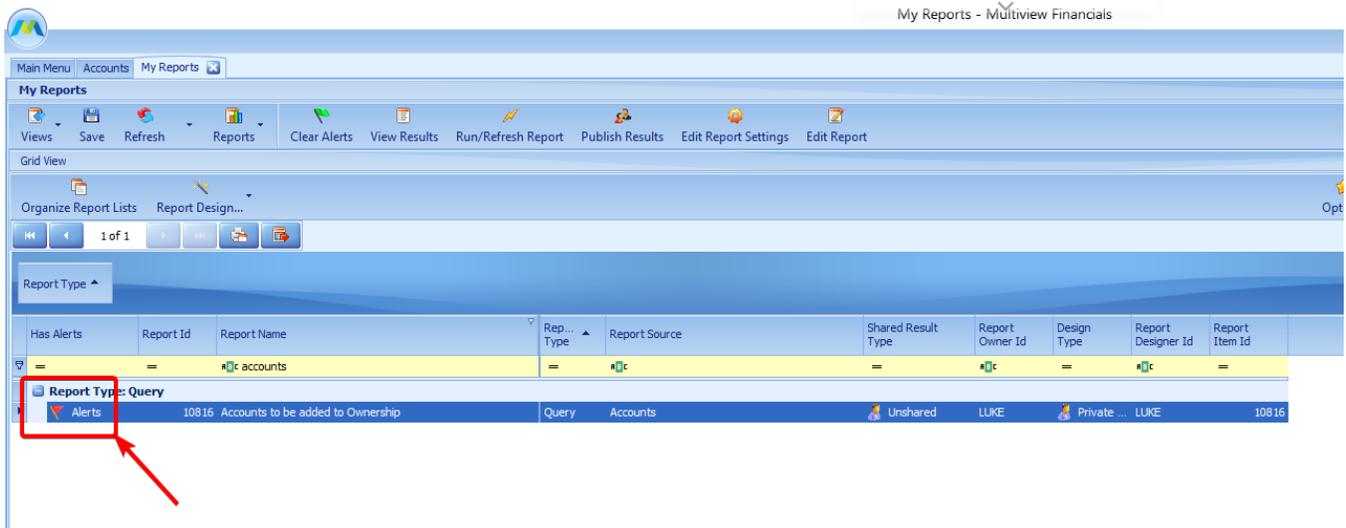
- This report will run on a schedule, daily at 8:00am.
8. Adding a new Account/Testing our Alert.
- Open System Maintenance Menu > General Ledger Setup module > Accounts.
 - Click on the Add Account button and populate the following fields:
 - i. Chart Id: 01
 - ii. Account No: TEST
 - iii. Account: TEST
 - iv. Account Type: Asset



- Save your changes.

9. Running our Report & producing an Alert message.

- Open the My Reports screen (Reports button on the tool bar, select My Reports)
- Find your Query report and press on the Run/Refresh button on the toolbar.
- You will notice three changes after a successful run, or if there are new records found:
 - i. The number of records found will be updated. This can be found on the right-hand panel, next to the title of the Query report.
i.e. Accounts to be added to Ownership (**1**)
 - ii. A small red flag will display next to title of the Query report (main grid).



- iii. A Multiview Financials message will be displayed on the bottom right-hand corner of the application. You can click on this pop-up message to review your Multiview inbox.

10. Reviewing the newly created Accounts.

- Find and select the query report on the My Reports screen.
- Double click on the Query to drill into the Accounts screen to see the detail of the account(s) added.

11. Clearing an Alert.

- Once you have reviewed your data, you can clear all alerts from the My Reports screen-> Clear Alert button on the tool bar.
- In addition, you may press the Run/Refresh button to clear the counter, located to the right of the Query title (right-hand panel).