



PRESENTED BY:

**AW** AccountingWare.

WELCOME TO

# Attributes: Multi-Dimensional Accounting

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Lori Bogart  
Senior Project Lead



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# SESSION INFO



## AUDIO / VIDEO

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## SURVEY

At the end of the session, fill out a quick survey letting us know how we did.



## RESOURCES

The slides and a recording will be sent via email.



## QUESTIONS

Use the “Questions” panel to chat with the presenters and AccountingWare team.

## ABOUT THE PRESENTER



**Lori Bogart**  
Senior Project Lead

★ 14 years with AccountingWare

★ New AHD implementations and training

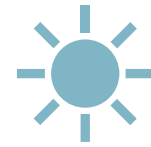
[LinkedIn.com/in/LoriBogart](https://www.linkedin.com/in/LoriBogart)

# Agenda



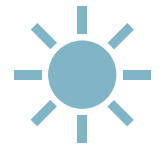
## Attributes Defined

- The What
- The Why & How



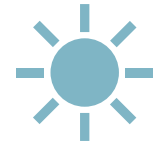
## Attributes in Rollups

- Journal Detail Rollups
- Rollup Detail Views



## Attribute Enhancements

- Posting Date Controls
- Combining Items



## Attributes in Reporting

- Financial Designs & Views
- Everyday Reporting



# Attributes Defined

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# Attributes – The What



- AHD solution for multi-dimensional accounting for analysis
- Customize our software to fit your organization
- COA gives you the GAAP accounting while attributes speak the language of CFOs
- Allow evaluation of viability of profit centers





We need you to approve \$1,000 in expenses.

Why?



We sold 1,000 tickets.

What for?



# Attribute Examples

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**EVENT/  
PERFORMANCE**



**LOCATION**



**PROJECT**

# Attributes – The Why

- Maximize reporting
- Minimize COA complexity
- More flexibility on recategorizing historical transactions
- Increased efficiency for data entry



- Add tags or categories beyond your COA
- Can post to GL the same as an account
- Available system-wide in all packages



### Journal Entry for Demo Casa Blanca IA2020 LMB

**Batch:** GL      **Entry #:** 16      **Description:** Attributes Example

System-Journal Source: GL-Manual      Activity Source:      
 ☐ Closing      ☐ Reverse      ☐ Hold

Journal Detail    ⏪ ⏩ ⏴ ⏵ + - ✓

Line	Account	Account Description	Project	Date	Reference	Debit	Credit	Unit
1	1000-0-000-01-A	Main Checking - Alpha		7/15/2024	Test		6,500.00	\$
2	6010-0-000-01-A	Car & Truck Expense - Alpha	Creative	7/15/2024	Test	2,000.00		\$
3	6010-0-000-01-A	Car & Truck Expense - Alpha	Estimate	7/15/2024	Test	1,500.00		\$
4	6080-0-000-01-A	Permit & Licensing Fees - Alpha	Demolition	7/15/2024	Test	1,000.00		\$
5	6150-0-000-01-A	Travel Expense - Alpha	HTD	7/15/2024	Test	1,500.00		\$
6	6150-0-000-01-A	Travel Expense - Alpha	Petaluma	7/15/2024	Test	500.00		\$

## Static Attributes

- Not a lot of change in the list of items
- Examples:
  - Departments
  - Locations
- Reporting typically follows standard financial periods
- Ongoing concerns

## Dynamic Attributes

- Constantly changing and adding new items
- Examples:
  - Projects
  - Programs
- Reporting often needs to cross several financial periods
- Limited period of time



# Attribute Enhancements

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# Posting Date Controls




- Begin and end dates
- Posting control: error or merge
- Similar to GL account settings
- Yellow information banner
- Subject to rollup attribute limits
- Use custom field for 'event' date

 This item (Project:Remodel) is closed to postings before 6/1/2024 and after 8/31/2024.
  Rollup item (Manager:Ford) is closed to postings after 7/31/2024.


## Project Attribute Item for Demo Casa Blanca IA2020 LMB

**Code:**

**Description:**

**Posting Date**  
 Begin:  
**Control:** Warning   
 End:  

Error  
 Warning

**Rollup Attributes**  
**Manager:**   Phillip Ford



- Warning allows entry with override
- Error will not allow merge
- No end date is open ended
- No begin date is thru the end date
- Check date control settings on rollup attribute values

Project Attribute Items for Demo Casa Blanca IA2020 LMB					
Filters: <input type="text"/>			Lookup: <input type="text"/>		<input type="checkbox"/> Include Obs
Code	Description	Manager	Begin Date	End Date	▼ Date Control
Hotel	Hotel Expansion	Arrington	5/2/2024		Warning
Remodel	Gallery Remodel	Ford	6/1/2024	8/31/2024	Warning
Gallery	Gallery Remodel	Bell	1/1/2024	9/30/2024	Error
Plaza	Plaza Remodel	Johnson		8/31/2020	Error

# Posting Date Controls

SYSTEM-WIDE CHANGES



**GL:** Manual entries, recurring, and allocations

**AP:** Invoices and recurring

**PR:** Checks and timesheets

**AR:** Invoices, recurring, and receipts for miscellaneous invoices

**CP:** Scheduled payments and settlements

**FA:** Post to GL processes

**PO:** Orders and purchases

# JOURNAL ENTRY EXAMPLE - GOTCHA!

Scenario: Project = Remodel, Transaction Date = 08/26/2024

✖ This item (Project:Remodel) is closed to postings before 6/1/2024 and after 8/31/2024.

✖ Rollup item (Manager:Ford) is closed to postings after 7/31/2024.

## Project Attribute Item for Demo Casa Blanca IA2020 LMB

Code: Remodel

Description: Gallery Remodel

Posting Date

Begin: 6/1/2024

Control: Error

End: 8/31/2024

Rollup Attributes

Manager: Ford

Phillip Ford

## Journal Entry for Demo Casa Blanca IA2020 LM

Batch: LB

Entry #: 5

Description: Attrib

System-Journal Source: GL-Manual

Activity Source:

Journal Detail

	Line	Account	Account Description	Project	Date	Reference	Debit	Credit	Unit	Description
	1	1000-0-000-01-A	Main Checking - Alpha		8/26/2024	Test		6,500.00	\$	Attributes Example
I	2	6010-0-000-01-A	Car & Truck Expense - Alpha	Remodel	8/26/2024	Test	4,000.00		\$	Attributes Example
	3	6010-0-000-01-A	Car & Truck Expense - Alpha	Estimate	8/26/2024	Test	2,500.00		\$	Attributes Example

Watch out for date settings on your rollup attributes!

### Warning



Attribute item (Project:Remodel) is closed to postings for the date (8/26/2024).

This error may be overridden, but the GL entry cannot be merged until the issue is resolved.

OK

Cancel

# Combine Attribute Items

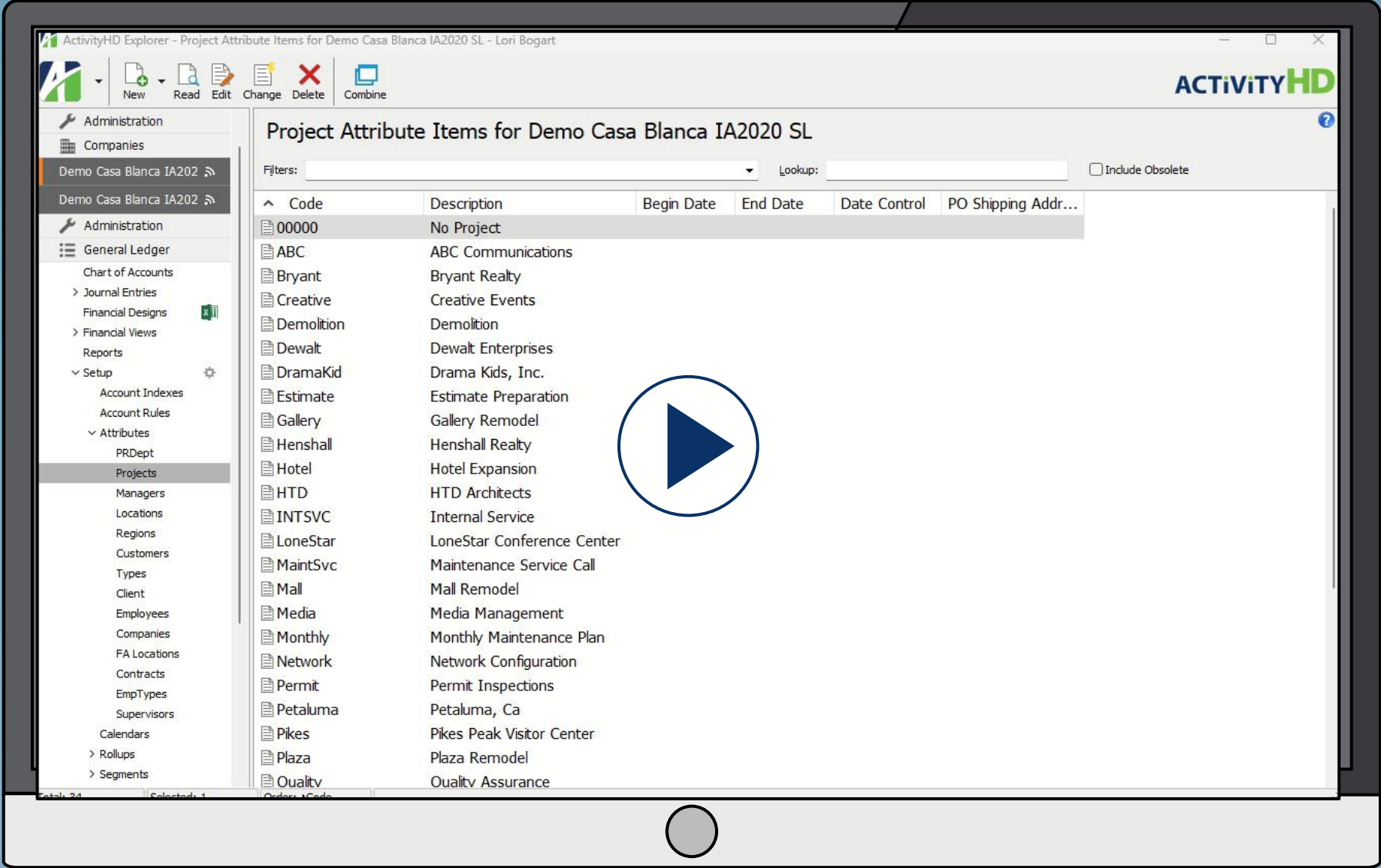


# Combine Process

- Similar to combine accounts or segment items
- Inherits properties of 'into' value
- Can combine many into one
- Blank option used to remove values
- Only on non-sourced attributes
- Available starting 8.50-0

The screenshot shows a software window titled "Project Attribute Items for Demo Casa Blanca IA2020". At the top, there are three buttons: "Change" (with a document icon), "Delete" (with a red X icon), and "Combine" (with a document icon). Below the title bar, there is a sub-window titled "Combine Project Attribute Items for Demo Casa Blanca IA2020...". On the left side of this sub-window, there is a "Steps" pane with two items: "Specify Options" and "Combine Items", with "Combine Items" being the active step. The main area of the sub-window is titled "Combine" and contains two radio button options. The first option, "Combine the selected Project Attribute Items into:", is selected and followed by a text input field. The second option is "Blank out and delete the selected Project Attribute Items". At the bottom of the sub-window, there are four buttons: "<< Back", "Next >>" (which is highlighted with a blue border), "Finish", and "Cancel".

# COMBINE ATTRIBUTE ITEMS



# Attributes in Rollups

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# Journal Detail Rollups



# Rollup + Attribute

- Can now include attributes in your rollup definitions
- Attribute item mask fields can use \* instead of using ??????'s
- Not visible on accounts because attributes are assigned to transactions
- Best viewed in the Journal Detail view

The screenshot displays the 'Rollup for Demo Casa Blanca IA2020 LMB' configuration window in AccountingWare. The interface includes a toolbar with icons for New, Read, Save, Report, Previous, Next, Deactivate, and Check. The main form contains the following fields and options:

- Name:** ISLocation
- Plural Name:** ISLocations
- Size:** 12
- Financial Type:** Income Statement
- Data Type:** ☒ Alphanumeric, ☐ Numeric
- Assignment:** ☐ Direct on: [dropdown], ☐ Required
- Rules for:** ISGroup (expandable), Location (expandable)
- Rule Options:** ☒ Allow Masks and Ranges (flexible, less maintenance), ☐ Specify Items Only (improved performance)

A green rectangular box highlights the 'Rules for' section, including the expandable items and the 'Rule Options' section.

# BUILDING ROLLUP ITEMS WITH ATTRIBUTE ITEMS

Activity System (cnx000-)

Administration

Companies

Demo Casa Blanca IA202

Administration

General Ledger

Chart of Accounts

Journal Entries

Financial Designs

Financial Views

Reports

Setup

Account Indexes

Account Rules

Attributes

PRDept

Projects

Managers

Locations

Regions

Customers

Types

Client

Employees

Companies

FA Locations

Contracts

EmpTypes

GLOnly

Calendars

Rollups

Account Types

BalanceSheet

Expenses

IncomeStatement

IS

IS Projects

ISGroups

ISLocations

ProjectIS

Segments

Units

Unit Conversion Tables

ActivityHDD Explorer - Rollups for Demo Casa Blanca IA2020 LMB - nQa - Lori Bogart

New Read Edit Change Delete Report Deactivate Check Resize

Rollups for Demo Casa Blanca IA2020 LMB

Filters: Lookup: Include Obsolete

Name	Assignment	Active?	Datatype	Size	Financial Type
AcctType	Direct on Main	Active	Alphanumeric	12	
BalanceSheet	Rules for Main	Active	Alphanumeric	10	Balance Sheet
IncomeStatement	Rules for Main	Active	Alphanumeric	10	Income Statement
IS	Rules for Main	Active	Alphanumeric	10	
ISGroup	Rules for IS	Active	Alphanumeric	4	
ISLocation	Rules for ISGroup, Location	Active	Alphanumeric	12	Income Statement
ISProjects	Rules for Main, Project	Active	Alphanumeric	12	Income Statement



# Assignment Rule Detail Views (Rollup Detail)

# Assignment Rules

- List of all the lines on each rollup item
- Use to view segment/rollup + attribute combinations instead of account form
- Troubleshoot ambiguity errors to see where a value might already be referenced
- Still developing more filtering capabilities
- Available in version 8.51-0



# ASSIGNMENT RULE DETAIL FOR ROLLUP ITEMS

Activity Explorer - ISProjects Rollup Items for Demo Casa Blanca IA2020 LMB

Activity System (cmx00-ahd) Demo Casa Blanca IA2020 LMB

Administration General Ledger

Chart of Accounts Journal Entries Financial Designs Financial Views Reports Setup Account Indexes Account Rules Attributes Calendars Rollups Account Types Balance Sheet Expenses Income Statement IS IS Projects IS Locations Project IS Segments Units Unit Conversion Tables Bank Reconciliation Accounts Payable Accounts Receivable Contracts Processing Fixed Assets Payroll / Human Resources Purchasing Demo Casa Blanca IA2020 SEB Demo Casa Blanca IA2020 SL

ISProjects Rollup Items for Demo Casa Blanca IA2020 LMB

Filters: Lookup: ☐ Include Obsolete

Code	Description	Sort Order
10OPERATIN	Operating Expenses	11
11PRBENEF	Payroll and Benefit Expense	12
120THREV	Misc Revenue	13
130THEXP	Misc Expenses	14
2LABOR	Sales of Labor	3
3REIMBEXP	Sale of Reimbursable Expenses	4
4MILEAGE	Sale of Mileage	5
5PERDIEM	Sale of Per Diem	6
6VEHICLE	Sale of Vehicle Allowance	7
7RETURNS	Sales Returns and Allowances	8
8ADMINEXP	Administrative Expenses	9
9DEPREC	Depreciation Expense	10
PARTSDEMO	Sale of Parts - Demo	
PARTSPET	Sale of Parts - Petaluma	



# Attributes in Reporting

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# Financial Designs & Views

# Where we started...

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## Financial Design Session

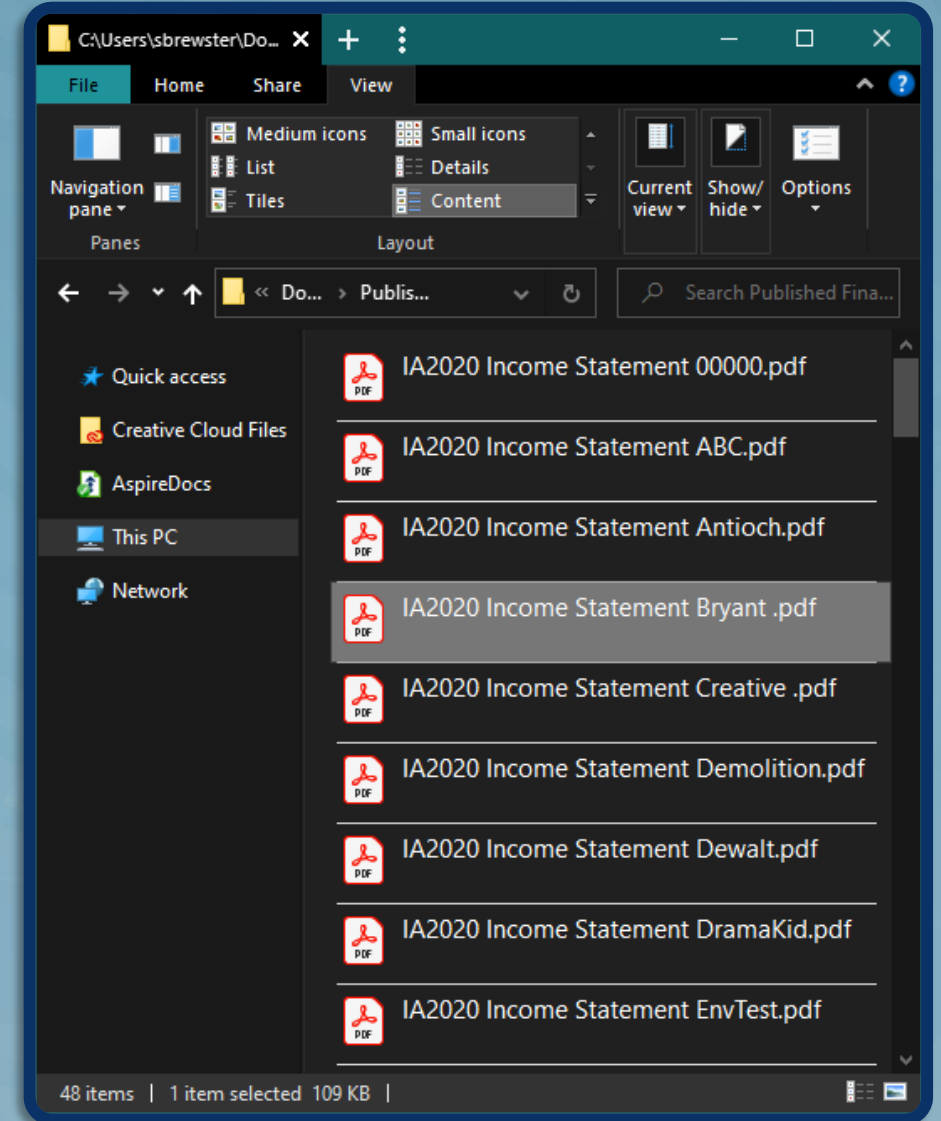
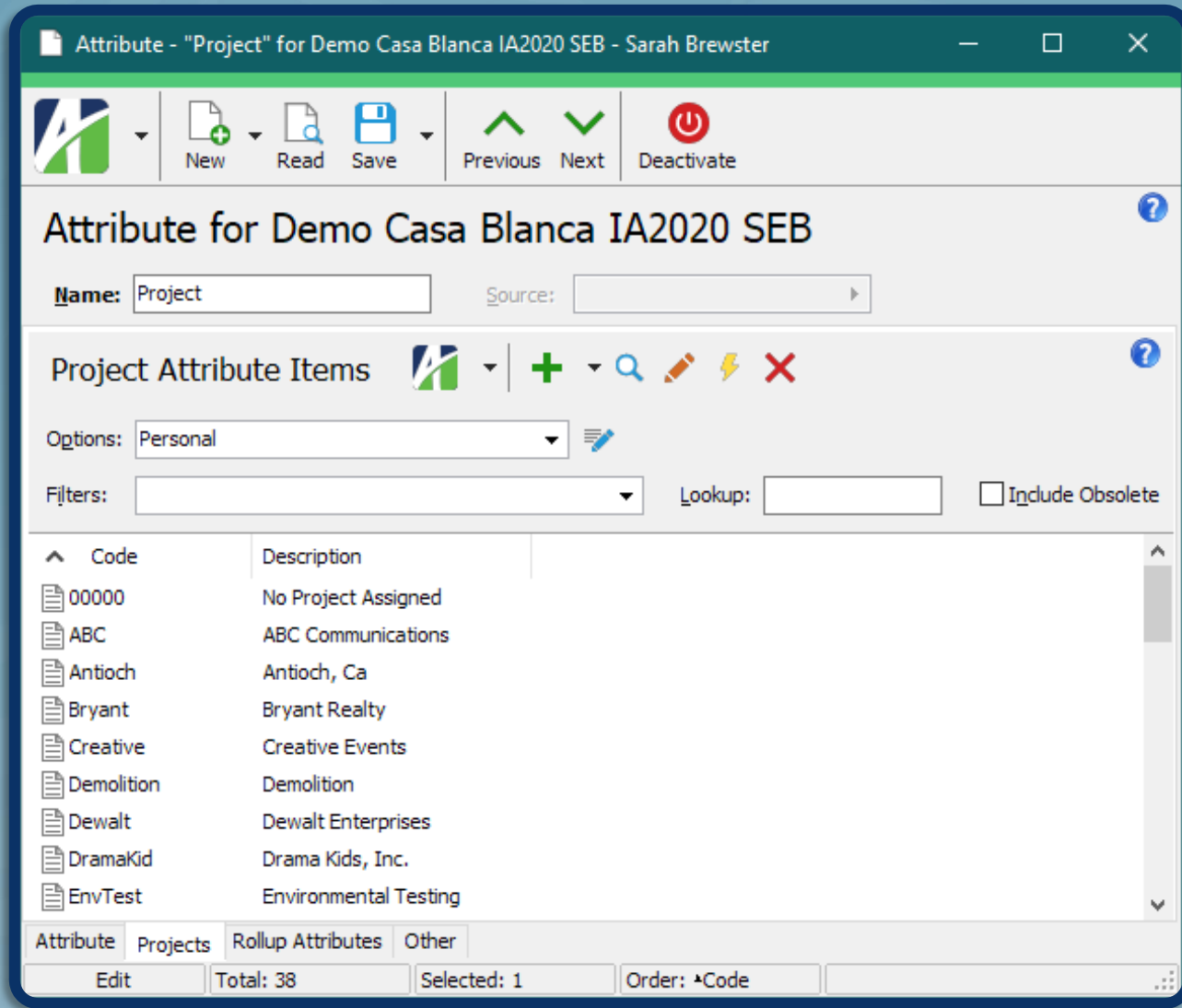
- Iteration & Iteration Limits
- Mass produce P&L statements by attribute item

## Controller Workshop Session

- Layered Financial Views
- Start with project view and defined at several levels or dimensions



# FINANCIAL DESIGN ITERATION WITH ATTRIBUTE



# FINANCIAL VIEWS BASED ON ATTRIBUTE

Financial View - "Projects" for Demo Casa Blanca IA2020 LMB - Sarah Brewster

New Read Save Report Previous Next Deactivate

## Financial View for Demo Casa Blanca IA2020 LMB

Name: Projects (Active)

Segments:

Attributes: Project Project items will define the rows

Columns

Line	Name	Fun
1	Revenues	Act
2	Expenses	Act
3	Net	Act

Financial View Subreports Pr

Edit

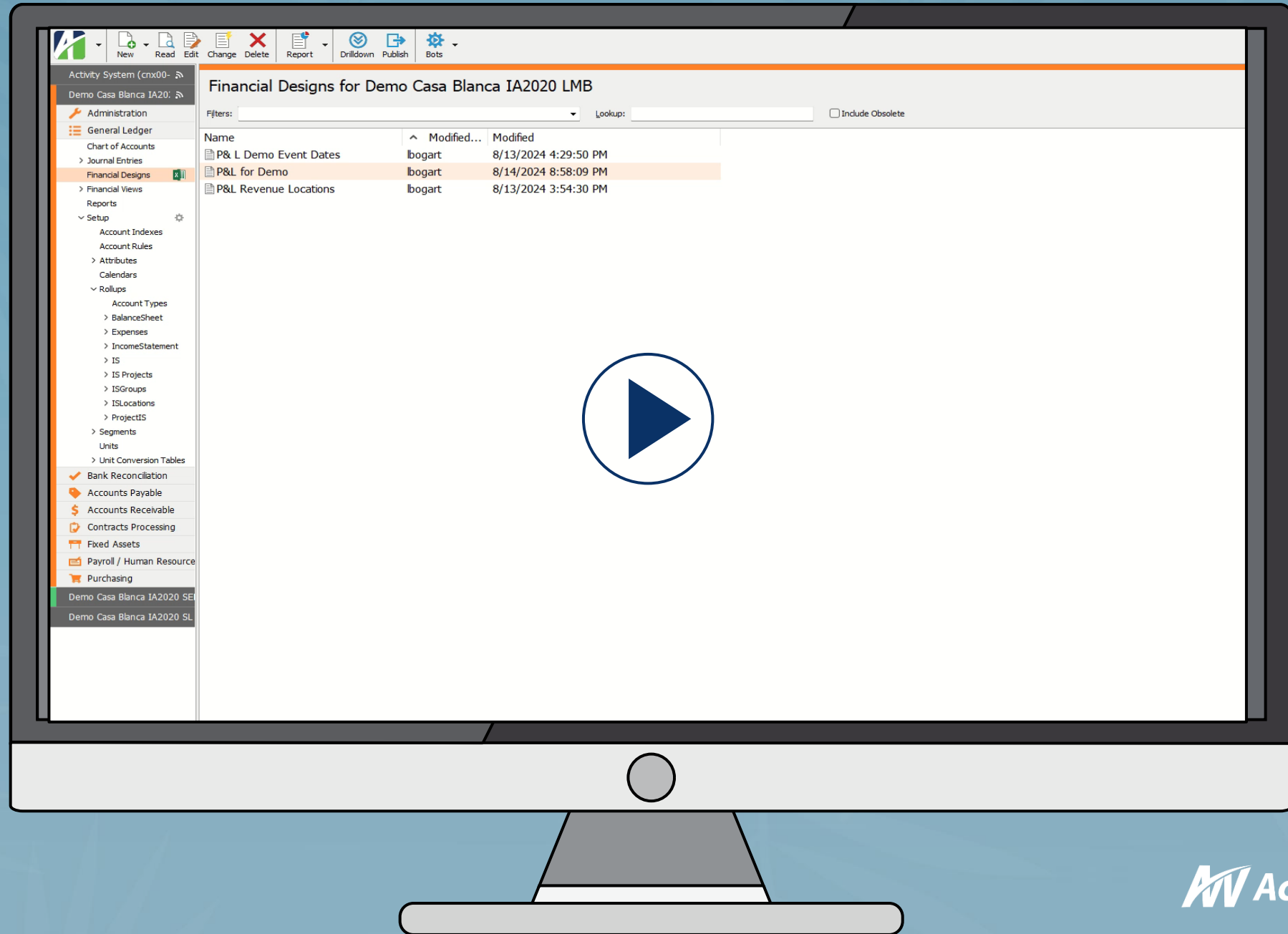
## Projects Financial View for Demo Casa Blanca IA2020 LMB

Filters:  Lookup:

Period: Forever \* 1 - 1 (1/1/1902 - 12/31/2101) As of:  ☒ Include Unmerged

Project	Project Description	Revenues	Expenses	Net
ABC	ABC Communications	-111,845.00	52,072.75	-59,772.25
Antioch	Antioch, Ca	-67,946.10	0.00	-67,946.10
Bryant	Bryant Realty	-2,033.51	5.00	-2,028.51
Creative	Creative Events Fundraiser	-33,941.43	9,643.30	-24,298.13

# ITERATION LIMITS AND THE FOREVER CALENDAR



# Everyday Reporting



Trial Balance



General Ledger Detail



GL Summary

## Trial Balance (Summary)

- Familiar formatting with begin/end balances
- Used mostly for balancing and reconciliations
- Allows for subtotals
- Run for a financial period only

## GL Detail (Investigation)

- Investigate postings to specific accounts
- View subledger postings behind journal detail
- Detail Report
- Run by date range or period
- Spreadsheet design

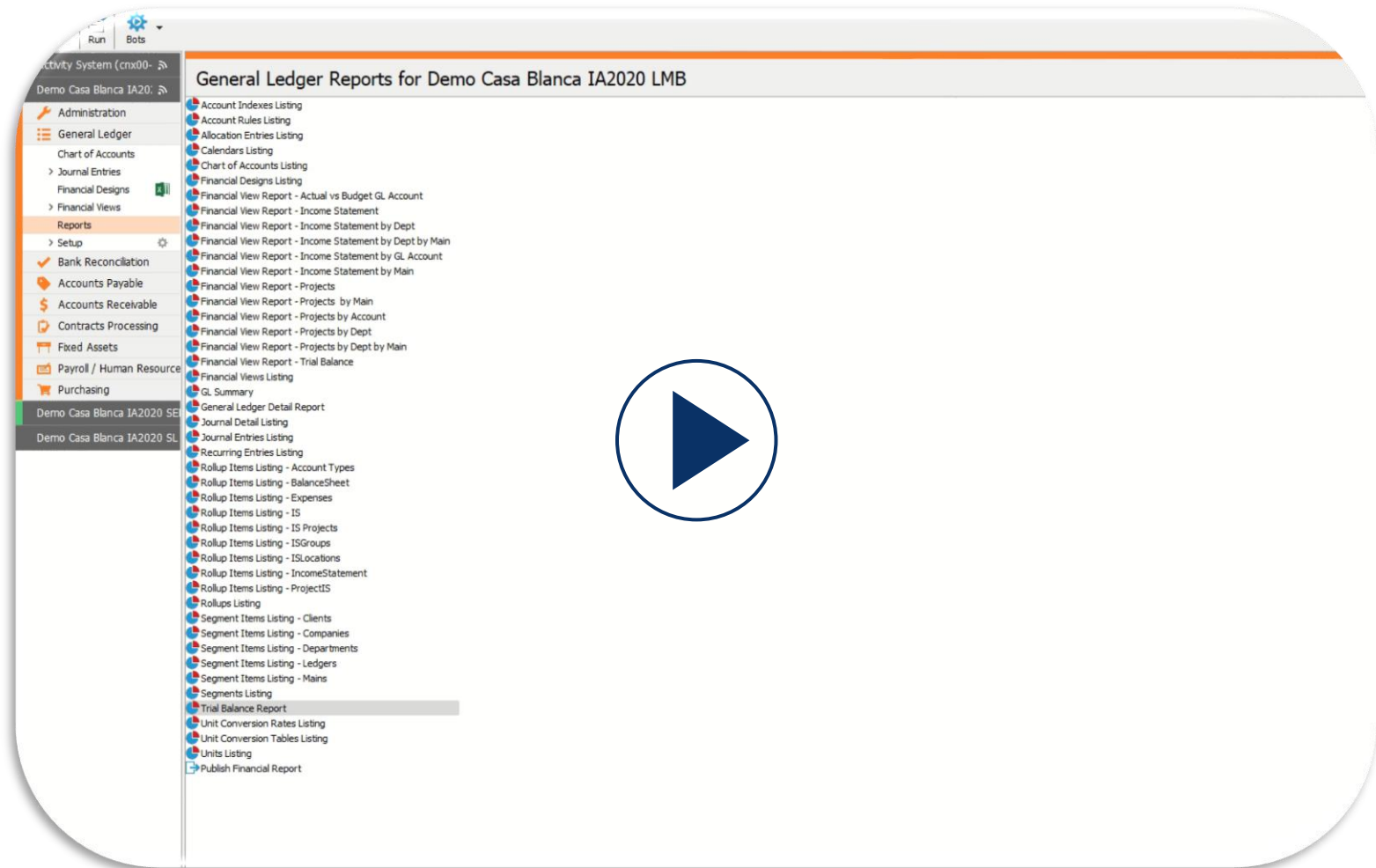
## GL Summary (Analysis)

- Best for analysis at multiple levels
- Easily viewed at summary or detailed level
- Hybrid feature of other two reports
- Run by date range or period

# Trial Balance (Summary)

Based on accounts

Limited drilldown options  
to subsidiary details  
instead of including in  
layout



## GL Detail (Investigation)

Based on accounts

Include period totals when  
generated for a large date  
range

Best when limited to just  
one grouping level



Activity System (cnx00-)

Demo Casa Blanca IA20-

Administration

General Ledger

Chart of Accounts

Journal Entries

Financial Designs

Financial Views

Reports

Setup

Bank Reconciliation

Accounts Payable

Accounts Receivable

Contracts Processing

Fixed Assets

Payroll / Human Resource

Purchasing

Demo Casa Blanca IA2020 SE

Demo Casa Blanca IA2020 SL

Run

Bots

General Ledger Reports for Demo Casa Blanca IA2020 LMB

Account Indexes Listing

Account Rules Listing

Allocation Entries Listing

Calendars Listing

Chart of Accounts Listing

Financial Designs Listing

Financial View Report - Actual vs Budget GL Account

Financial View Report - Income Statement

Financial View Report - Income Statement by Dept

Financial View Report - Income Statement by Dept by Main

Financial View Report - Income Statement by GL Account

Financial View Report - Income Statement by Main

Financial View Report - Projects

Financial View Report - Projects by Main

Financial View Report - Projects by Account

Financial View Report - Projects by Dept

Financial View Report - Projects by Dept by Main

Financial View Report - Trial Balance

Financial Views Listing

GL Summary

General Ledger Detail Report

Journal Detail Listing

Journal Entries Listing

Recurring Entries Listing

Rollup Items Listing - Account Types

Rollup Items Listing - BalanceSheet

Rollup Items Listing - Expenses

Rollup Items Listing - IS

Rollup Items Listing - IS Projects

Rollup Items Listing - ISGroups

Rollup Items Listing - ISLocations

Rollup Items Listing - IncomeStatement

Rollup Items Listing - ProjectIS

Rollups Listing

Segment Items Listing - Clients

Segment Items Listing - Companies

Segment Items Listing - Departments

Segment Items Listing - Ledgers

Segment Items Listing - Mains

Segments Listing

Trial Balance Report

Unit Conversion Rates Listing

Unit Conversion Tables Listing

Units Listing

Publish Financial Report

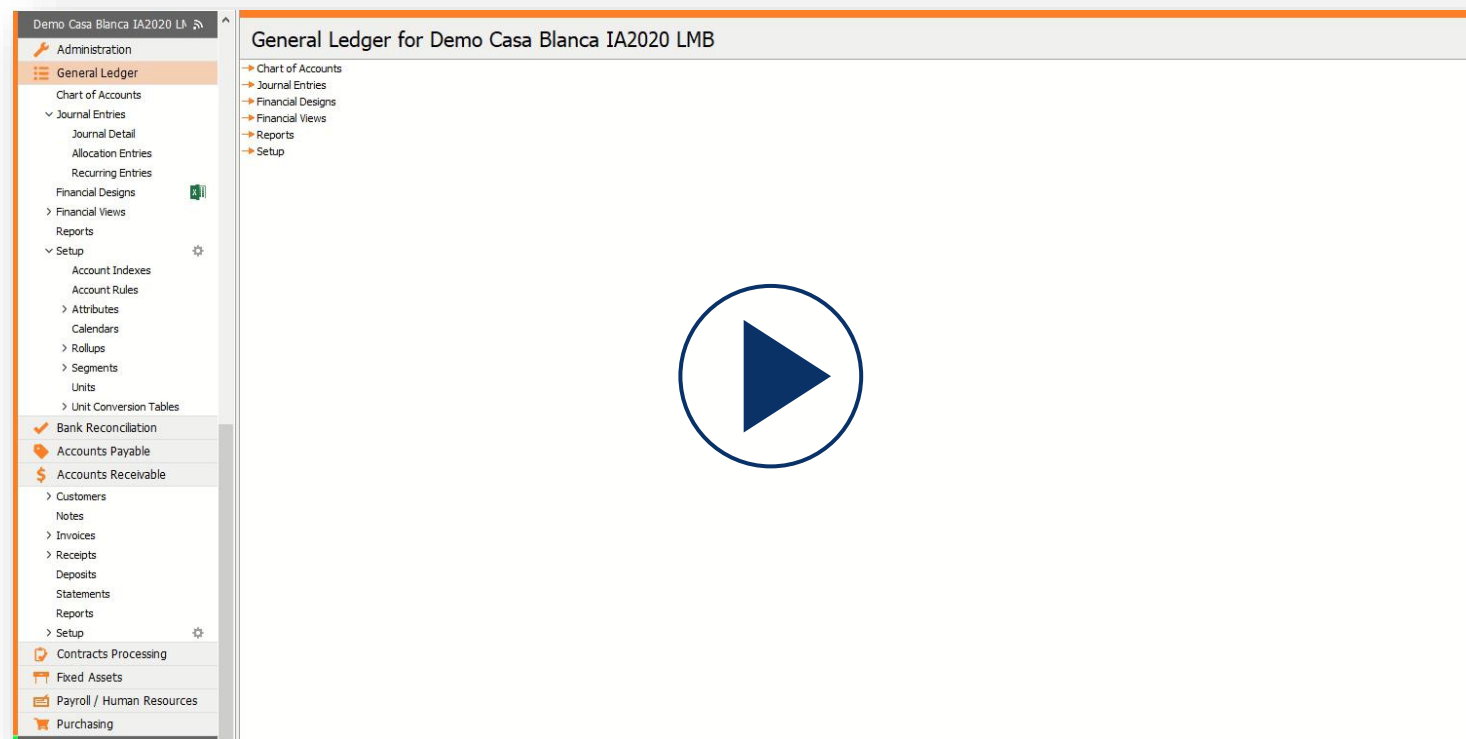


## GL Summary (Analysis)

Based on transactions

No begin and end balances

Sort & subtotal by:  
segments  
rollups  
attributes



Demo Casa Blanca IA2020 LMB nQa -Lori Bogart	
ISGroup	
Project: ABC	
1REV-Revenues	
2EXP-Expenses	
Project: ABC	
Project: Antioch	
1REV-Revenues	
Project: Antioch	

Summarized

Include Journal Detail

Demo Casa Blanca IA2020 LMB nQa -Lori Bogart	
Account	Account Description
Project: ABC	
ISGroup: 1REV-Revenues	
4000-1-ACM-01-A	Sales Labor - Svc - Acme Co
4000-1-ACM-01-A	Sales Labor - Svc - Acme Co
4000-1-ACM-01-A	Sales Labor - Svc - Acme Co
4000-1-ACM-01-A	Sales Labor - Svc - Acme Co
4000-1-ACM-01-A	Sales Labor - Svc - Acme Co
4000-1-ACM-01-A	Sales Labor - Svc - Acme Co
4000-1-ACM-01-A	Sales Labor - Svc - Acme Co
4000-1-ACM-01-A	Sales Labor - Svc - Acme Co
4000-1-ACM-01-A	Sales Labor - Svc - Acme Co
4000-1-FLD-02-A	Sales Labor - Svc - Fieldman Svc
4000-1-FLD-02-A	Sales Labor - Svc - Fieldman Svc

Demo Casa Blanca IA2020 LMB nQa -Lori Bogart	
Account	Account Description
Project: ABC	
ISGroup: 1REV-Revenues	
4000-1-ACM-01-A	Sales Labor - Svc - Acme Co
2/27/2017	Acme Company Inv: 10030, Network
2/27/2017	Acme Company Inv: 10030, Consulta
4000-1-ACM-01-A	Sales Labor - Svc - Acme Co
3/2/2017	Acme Company Inv: 10043, Network
3/2/2017	Acme Company Inv: 10043, Consulta
4000-1-ACM-01-A	Sales Labor - Svc - Acme Co

Include Subledger Detail

# When it comes to reporting...

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**SUBMIT YOUR  
QUESTIONS!**

# Next Session

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## New Graphics Capabilities In ActivityHD

Thursday, August 22  
11:00 AM (CT)

Marvin Crossnoe

### ALL SESSIONS

- Bruce and Grant's Excellent Unboxing Adventure
- Cybersecurity Essentials for Today's Internet Connected World
- Do More With Less: Publishing Financial Designs
- Back to Basics
- General Ledger: Controller Workshop
- The Right Tool for the Job: Automation
- Enhancing Purchasing: Boosting Visibility, Efficiency, and Commitments
- Attributes: Multi-Dimensional Accounting
- New Graphics Capabilities in ActivityHD
- Learning to Streamline Your Payroll Processes
- Mastering Contract Processing: Streamline, Optimize, Manage
- Payroll Problem-Solving: Become a Master of Troubleshooting



*Remember to complete the survey!*

THANKS FOR JOINING

# Attributes: Multi-Dimensional Accounting

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