



#### Realizing Joint Ventures in JDE

Presented by:

Craig Davied

**Grant Thornton** 

**Session ID** 

102500



Craig Davied
Director, Transformation
Kansas City, MO
craig.davied@us.gt.com

#### **Education**

B.S. - Business Administration / Finance Kansas State University

#### **Executive summary**

Craig is a Director with Grant Thornton in the Technology Transformation practice. He has over 20 years of consulting experience, across a diverse set of companies and industries. Craig's experiences include planning and program management of multi-faceted implementation projects, hands on management and implementation of ERP software packages, business process reengineering and system architecture design.

Prior to Grant Thornton, Craig was a founding member of MarketSphere's JD Edwards practice in 2002 and was responsible for managing and delivering projects, practice development, solution design and staff management. He has deep experience with the processes and configuration of the JDE Finance and Distribution modules, specifically with the General Ledger, Accounts Payable, Accounts Receivable, Job Cost, Contract Billing, Procurement / Subcontracts, Sales, Inventory, and Advanced Pricing. Craig also has experience with multiple releases of the software. Prior to joining Grant Thornton Consulting from MarketSphere, Craig was an experienced consultant in a "Big 5" consulting organization and has over 20 years of professional experience.

#### **Industries**

- Consumer products
- Retail
- Metals and mining
- · Mineral exploration drilling
- Construction
- Water management
- Aggregates
- · Pet food/manufacturina
- Textiles
- Public utilities
- Inbound / outbound Transportation

#### About Grant Thornton

Thriving since 1924, our U.S. firm is people-focused and purpose-driven. We believe business should be more personal and that the strongest results start with trust.









<sup>\*</sup> Statistics as of July 31, 2020

### Our Oracle Practice



**ERP and SCM** 

Financials | Revenue management | Accounting hub | Project accounting | Risk management | Project execution

Procurement | Inventory management | Cost management | Maintenance | Manufacturing | Order management | Product lifecycle and data management | Supply chain collaboration and planning



**EPM Analytics** 

Planning and budgeting | Profitability and cost management | Financial close and consolidation | Tax reporting and provisioning Management and operational analytics | Narrative reporting | Account reconciliation | Enterprise data management



**HCM** 

Culture journey | Talent acquisition | Workforce administration | Talent management | Workforce development Alumni network

#### Data governance & cloud integration

#### PaaS

#### Solution delivery center (off-shore and on-shore)

#### **Industries**

Construction, Real Estate & Hospitality Consumer And Industrial Products

Energy

Financial Services Healthcare And Life Sciences

Not-For-Profit Organizations

Private Equity

Public Sector

Technology

Find your silver lining gt.com/silverlining

### About Grant Thornton JDE

JD Edwards practice – 80+ dedicated professionals in U.S.

Project management and functional expertise

- Specialized functional resources
- •Project management office •Business process re-
- Implementations
- Upgrades
- Mobile applications

- •Third party integration architecture
- Business process reengineering
- Managed services (functional)
- User materials and training

- Financials
- Distribution
- Manufacturing
- •HR / Payroll
- ·CAM
- Project advisory

**Technical** 

- ·CNC
- Development
- Workflow
- Security management
- Technical management
- Database management
- Infrastructure / hosting
- Managed services (technical)

- Private cloud
- Disaster recovery
- Security
- Development (FRICE)

Trusted business advisor

- Gap assessment
- Transformation
- Industry point of view
- Proven methodologies
- Process excellence

- Benchmarking
- ERP governance
- Data governance
- Master data management
- Reporting strategy

- Change management
- Cloud roadmap / strategy
- FASB planning
- Chart of accounts optimization



#### Oracle leadership

- The Leading Oracle Platinum Partner presenter at COLLABORATE, INFOCUS and OpenWorld conferences (more presentations than any other Platinum partner in the past 3 years)
- Featured in PROFIT magazine JD Edwards Special Issue
- Teaming with JDE product development we work with JD Edwards on enhancing the code base for customers (e.g. OneView Reporting, Revenue Recognition, Leasing Standards, Configurator)



#### Experience and recognition

- More than 250 JD Edwards implementations and upgrades as a practice
- Over 20 implementations in the past 5 years
- Over 50 upgrades in the past 5 years
- 2017 JD Edwards Partner Excellence Award for **User Adoption**
- 2016 JD Edwards Partner Excellence Award for Vertical Industries
- Oracle JD Edwards recognized Grant Thornton with its 2014 and 2015 JD Edwards Partner Excellence Award for Outstanding Upgrades

## Agenda

- Joint Venture Overview
- Joint Venture Setup
- Joint Venture Processing
- Joint Venture Reports/Inquiries
- Conclusion

Joint Venture Management Overview



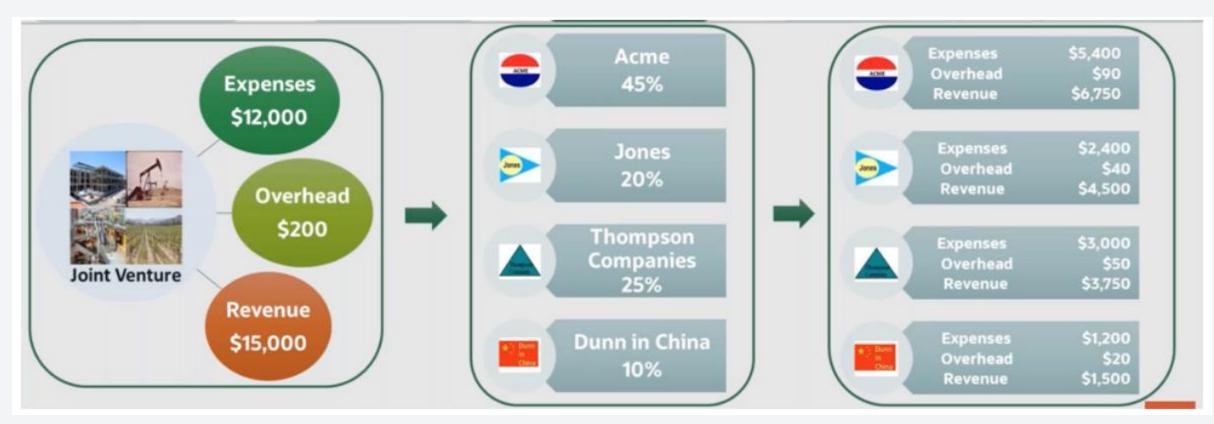
#### Joint Ventures – Overview

- Created for companies that need partners to help fund their projects
- Not industry-specific but likely useful in Construction / Engineering, Oil
   & Gas, & Real Estate industries

#### Ability to...

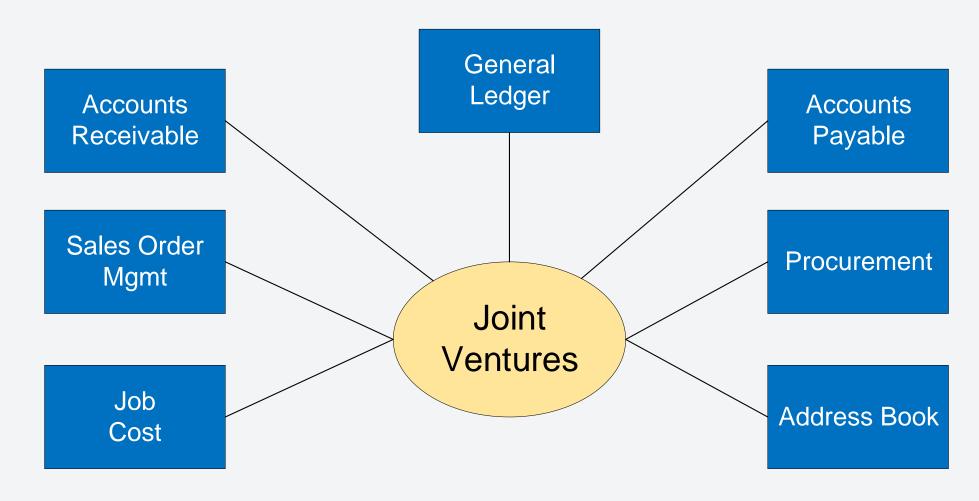
- Define the joint venture / Establish the managing partner and all other partners
- Manage the division of interest
- Track partner contributions
- Track budgets, costs, revenue, and cash for all vested parties
- Allocate costs and/or calculate overhead expenses
- Distribute expenses, overhead, and revenue to partners
- Draw on cash calls
- Create invoices, vouchers, and journal entries for the distributed transactions
- Create financial statements and reports for JV activity

## Joint Ventures – Example



<u>Source</u>: How to Manage Joint Ventures in JD Edwards – Karen Brown, Senior Principal Product Manager for JD Edwards

## Joint Ventures – Integrates with



#### Joint Ventures – What releases

- Available with 9.2 release
- Update Center: ESU JN14472
- Separate module with tag files to 09
- Assign to determine how to calculate overhead for the business units associated with JV
- 09J files that work with 09 system

### Joint Ventures

Key activities to complete / maintain:

- 1. Define the joint venture as a legal entity
- 2. Define the attributes for the joint venture, for example, the minimum amount to use for payments and invoicing, and the status of the joint venture (whether active or not)
- 3. Record the list of partners that are approvers of the joint venture and track the approval date
- 4. Define the division of interest for the partners in the joint venture
- 5. Create and manage cash calls for the joint venture partners
- 6. Define the accounts to distribute expenses and revenue among the partners in the joint venture
- 7. Calculate overhead and create journal entries for the calculated overhead amounts

### Joint Ventures

Key activities to complete / maintain (cont.):

- 8. Allocate indirect costs incurred by the managing partner to the joint venture business units and create journal entries of the allocated amounts.
- 9. Retrieve distributable expenses based on the parent child hierarchy for joint venture business units.
- 10. Assign the division of interest to the distributable transactions.
- 11. Distribute expenses by calculating the pro rata share of each joint venture partner based on the date-effective division of interest.
- 12. Draw on cash calls for expenses and costs, create invoices to bill expenses and costs that are not covered by cash calls, and create vouchers to pay the partners' share of the joint venture revenue. Record the share for the managing business unit or other inside partners.

Joint Venture Management Setup



## Setup Activities

#### Key setup activities to complete:

- Address Book
  - Partners
  - Business Units
  - Legal Entity Info
- 2. Joint Venture Structure
  - Companies
  - Business Units
  - Projects/Properties

- 3. Financial Accounts
  - Chart of Accounts
  - Distributable Accounts
- 4. Joint Venture
  - Management Info
  - Hierarchy
  - Overhead

- 5. Division of Interest
  - Effective Dates
  - Assignment Rules

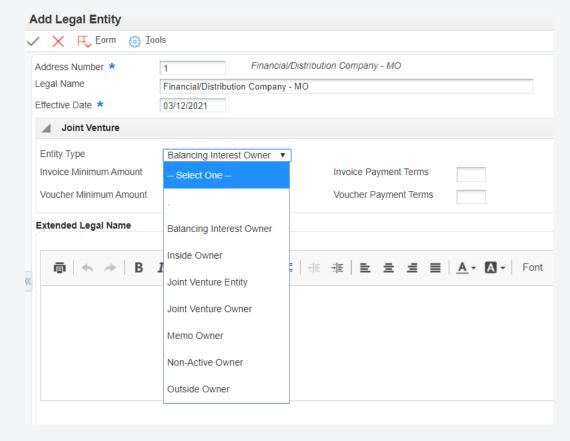
# Steps to Complete

- 1. Create a legal entity record for each entity associated with the joint ventures.
- 2. Set up the joint venture master records for 8. the joint ventures.
- 3. Create an approval list to track the date on which you receive approvals from all required entities.
- 4. Identify the distributable accounts for the joint venture.
- 5. Set up the Automatic Accounting Instructions (AAIs) for the joint venture.
- 6. Set up one or more Division of Interest (DOI) records for the joint venture.

- 7. Define the DOI assignment rules for the joint venture.
- 8. Define distribution ledgers for the joint venture.
- 9. Set up business unit attributes
- 10. Set up account groups to process overhead and cash calls.
- 11. Set up escalation indices.
- 12. Set up overhead rules.
- 13. Assign overhead rules.
- 14. Set up joint venture-based allocations.

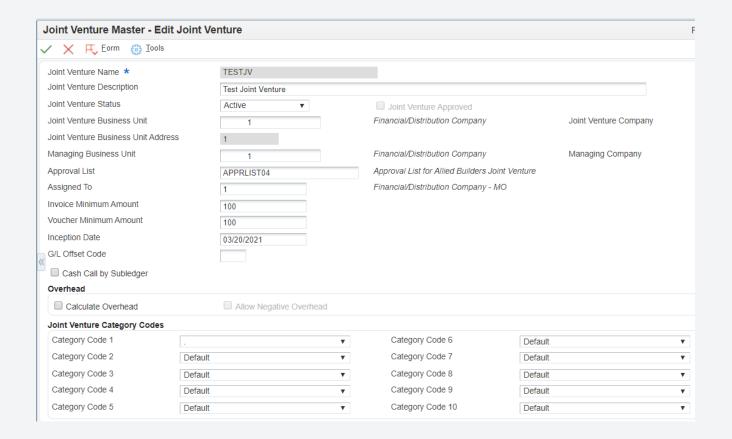
### Create Legal Entities for JV

- Legal Entity Setup
  - Legal entities can be companies, business units, projects, partners, or properties
- Must have an Address Book record
- Legal name can be different than Address Book name
- Choose entity type
- Identify Invoice & Voucher minimums and Pay Terms



# Set up the joint venture master records

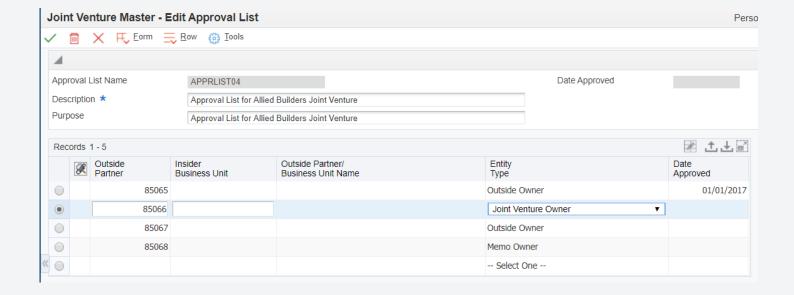
- Name the Joint Venture
- Assign a status
- Assign Business Unit and Managing Business Unit
- Assign Approval List
- Set Invoice and Voucher minimums
- 10 Cat Codes available



# Create an approval list

- Used to track the date on which you receive approvals from all required entities
- Ability to set up approval list for all parties for approvals before any processing occurs
- Approval list themselves must be approved
- Add entities whose approval is required
- Assign Entity Type to partner

Note: Optional Step



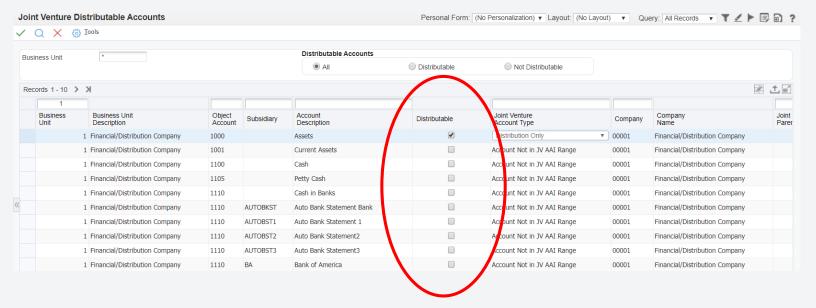
## Identify the distributable accounts

Use P09J01 to mark F0901 records as distributable

 Based upon where the account is within the AAIs JV Account Type is flagged

Can also use the Chart Types form of the Job Cost Code Structures program

(P51091)



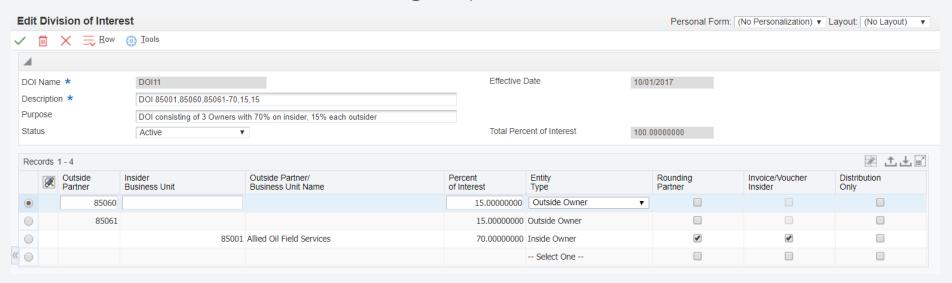
# Set up Automatic Accounting Instructions

- Revenue AAIs
  - JVR01-JVR99
- Expense AAIs
  - JVE01-JVE99
- Capital Cost AAIs
  - JVC01-JVC99
- Cutback AAIs
  - JVCBE Cutback Expense
  - JVCBC Cutback Capital Cost
  - JVCBR Cutback Revenue

- Overhead AAIs
  - JVOHE Overhead Expense
  - JVOHO Overhead Offset
- Cash Call AAIs
  - JVCxxx Partner Contributions Account
  - JVJxxx Journal Entry Offset Account
  - JVAxxx Agreement Default Charge Account
  - (xxx is JV G/L Offset)

# Set up Division of Interest (DOI)

- Determine what percentage of ownership partners have
- Use Header and Detail records to record effective date, & of interest, inside business unit or outside partner, distribution only
- DOI assists in determine how expenses/revenues are split
- Use Status to save records without entering all partner data



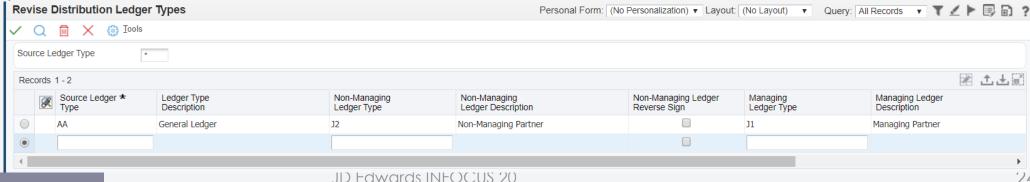
## Define the DOI assignment rules

- Setup different rules of DOI to use for each financial transaction
- DOI is used during distribution process and determines the transaction amount between partners
- Depending on complexity of JV, several rules may be setup
- Majority of transactions could use a single DOI but specific transactions (associated with certain GL accounts) may need to be handled with a different rule

### Define distribution ledgers

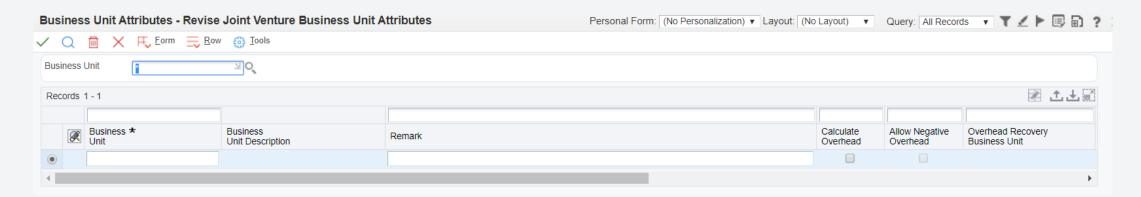
- Separately record amounts distributed to the Setup Ledgers in 09/LT and P0025 managing business unit and the cumulative amounts distributed to the non-managing partners
- Run batch process to generate ledgers and amounts
- Financial reporting after F0902 updated
- Two ledger types to create:
  - Transactions and balances for the managing business unit's share
  - Summarized transactions and balances for all nonmanaging partners in JV

- In P0025:
  - Don't select Ledger Is Required Balance option
  - Must have same currency code as source ledger type
- Setup Distribution Ledgers in P09J25
  - Option to use Ledger Reverse sign checkbox to allow for mathematical calculations



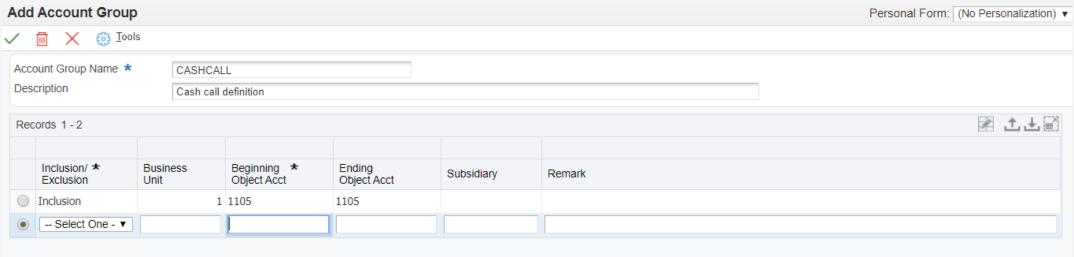
### Set up business unit attributes

- Use P09J0006 to set up attributes
- Attributes include:
  - Whether to calculate overhead
  - Allow negative overhead
  - Assign specific Business Unit to which offset journal entry for the overhead is written
- Attributes used specifically for JV



### Set up account groups

- Used to process overhead and cash calls
- Account groups include and exclude ranges for processes within JV Mgmt system
- Use account groups for:
  - Overhead calculation
    - · when a % of costs, you must specify cost accounts from which to get percentage
  - Cash call definition



### Set up escalation indices

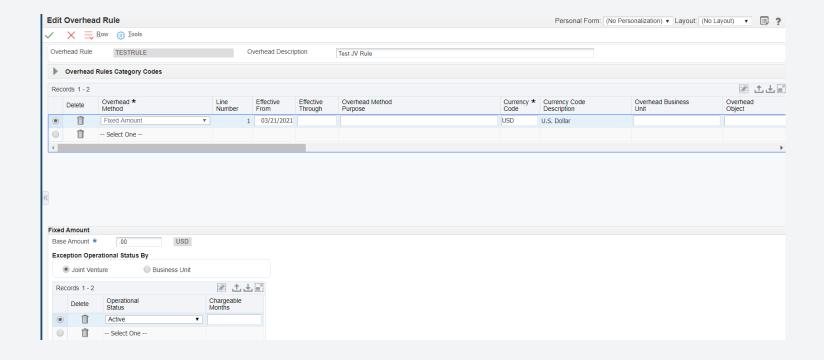
- Fixed overhead amount can be escalated according to an index over a calendar year
- Set up and review indices in P09J60
- Enter values for each month.
- If overhead already calculated, system will not index updates for that month

For example, consider an escalation index record with the base amount as 100 USD:

Month	Escalation Index	Overhead Amount (USD)
January	0.00	100
February	10.00	110

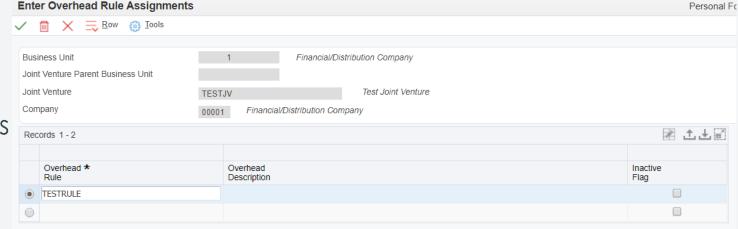
### Set up overhead rules

- Create Overhead Rules in P09J50
- Assign start and end dates
- Can create multiple methods in a rule
- Create multiple rule depending on JV requirement
- Rules can apply to any level of the hierarchy
- Assign category codes to the rule



### Assign overhead rules

- Assign to determine how to calculate overhead for the business units associated with JV
- Assign at any level of JV:
  - Joint Venture Company
  - Joint Venture
  - Joint Venture Parent Business Unit
  - Business Unit
- Use P09J57 to assign Overhead Rules



Joint Venture Management Processing



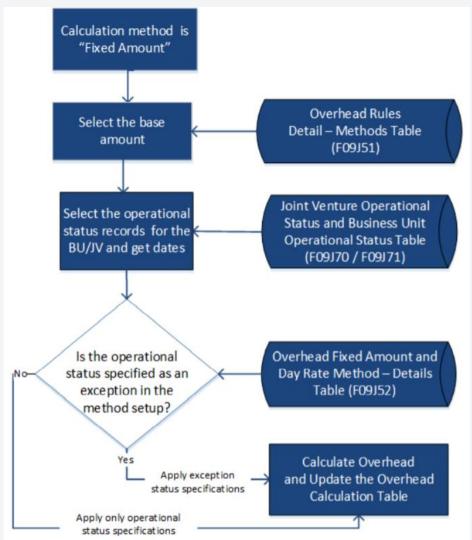
## Joint Venture Processing

- Processing Overhead
- Processing Account Ledger Transactions
- Creating and Invoicing Cash Calls for Partners
- Transferring Cash Calls
- Closing Cash Calls and Refunding Amounts to Partners
- Drawing on Cash Calls for Expenses
- Billing and Paying Partners

- Voiding and Deleting Distribution Documents
- Generating Distribution Ledgers for Financial Reporting
- Printing Invoices
- Printing Billing Reports for Partners
- Inquiries
- Purging Transactions

# Processing Overhead

- Fixed Amount Example ->
- Fixed Amount w/Escalation
- Fixed Percent
- Fixed Percent w/ Sliding Scale
- Day Rate
- User Defined (custom BSFN)
- Create Overhead Journal Entry Transaction (R09J409)

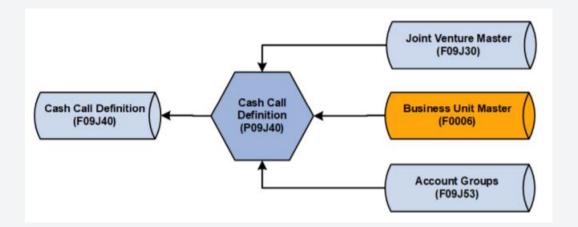


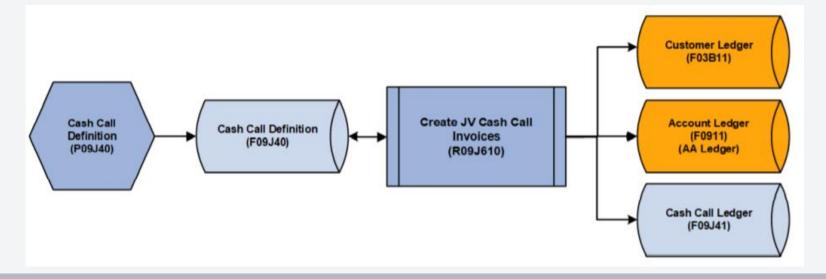
# Processing Account Ledger Transactions

- After transactional data associated with your joint venture is in the F0911, you can bring that data into the Joint Venture Management system and process it so that it is correctly distributed among the partners of the joint venture.
- Run R09J400 to copy F0911 transactions associated with distributable joint venture accounts into the Joint Venture Account Ledger table (F09J11)
  - Review F09J11 records using P09J11
- Then Run R09J401 Assign DOI or Direct Billed to JV Account Ledger program
  - Can be ran automatically using processing options on R09J400
- After F09J11 records exist, then run R09J402 Generate Joint Venture Distribution Detail program
  - Review F09J12 records using P09J12 or review by partner using P09J12B or P09J12C

# Creating / Invoicing Cash Calls for Partners

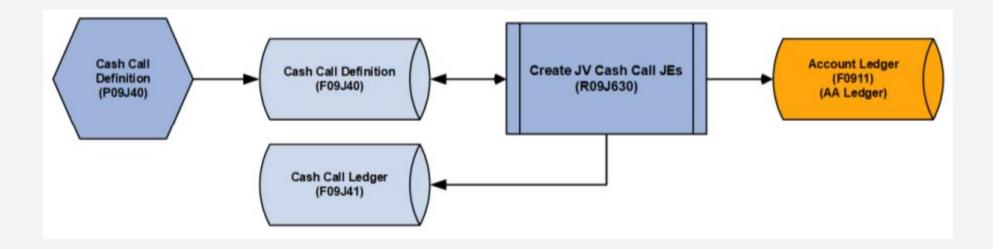
- Cash calls are requests for funds from the managing partner of a joint venture to the partners of the joint venture.
- The funds ensure that the managing partner can manage the joint venture's cash flow for the expenses associated with the joint venture.
- Cash Call Definition program (P09J40) to define the terms of the cash calls





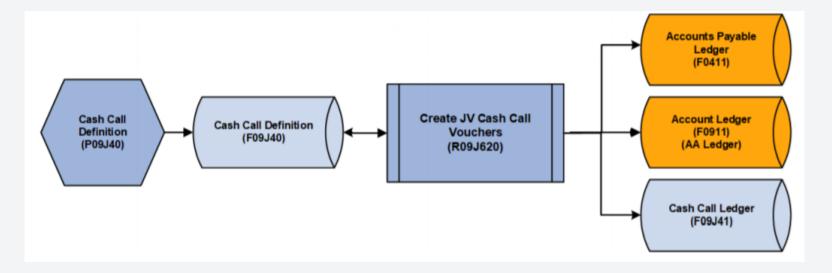
## Transferring Cash Calls

 You perform a cash call transfer when you want to close a cash call and transfer the open amount to another cash call instead of refunding the amount to the partner.



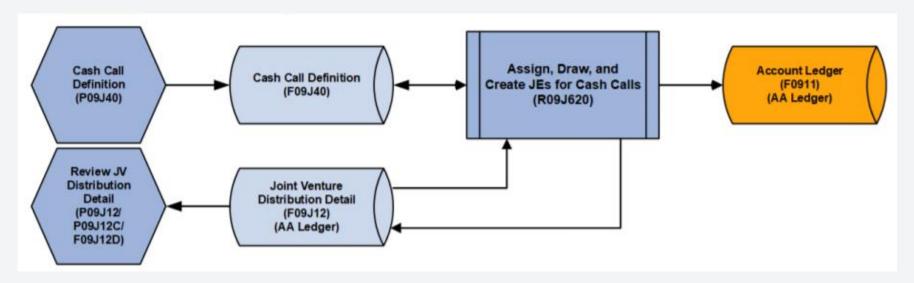
### Billing and Paying Partners

- Request to close the cash call using the Cash Call Definition program (P09J40).
  - When you close a cash call, you have the option to choose whether to create a voucher or a journal entry for the refund amount.
- Process the closure by creating vouchers or journal entries



## Drawing on Cash Calls for Expenses

- If your joint venture uses cash calls to manage the joint venture expenses, you will draw on the cash calls instead of invoicing the partners.
- The cash calls will be applied to the distributed expenses for the joint venture and partner.
- Using the data selection for the R09J620 program, you select the joint ventures that you
  want to process.

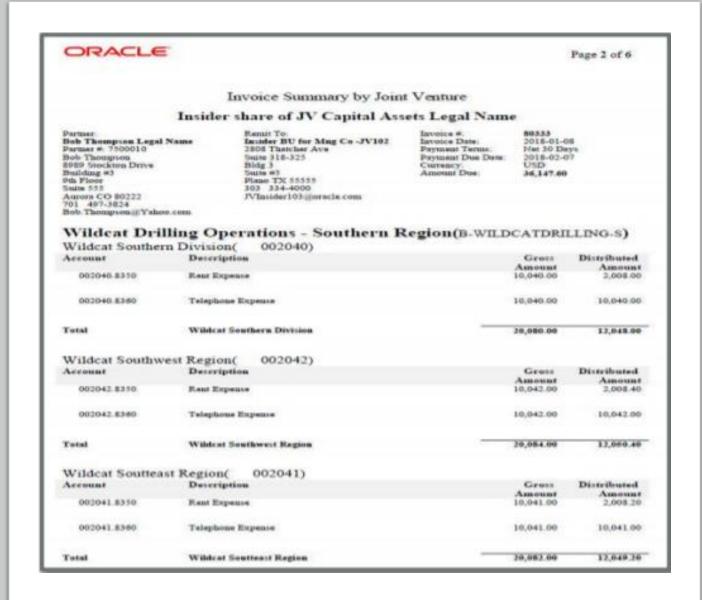


## Generating Distribution Ledgers

- Used for Financial Reporting
- Need to move the F09J12 transactions to F0911 and F0902
- Run the Generate Distribution Ledgers Program (R09J500)

### Printing Invoices

- After you have created joint venture invoices for the partners, you print the invoice for each partner in a format that outlines the charges for each business unit, and e-mail the invoice to the partner.
- Run the XJDE0001 version of the Joint Venture Invoice Print program (R09J505) to source invoice information for printing.
- The program selects joint venture invoices from the Customer Ledger table (F03B11) based on your data selection values.
- The program provides data selection options for the fields in the F03B11 and F09J12 tables.



### Printing Billing Reports for Partners

- Periodically or on a need basis, you generate the Joint Venture Billing report for each partner in your joint ventures.
- This report lists the partner's share of the activities for each of the joint ventures over the time period specified when running the report.
- Run the Joint Venture Billing Program (R09J650) to Print Joint Venture Billing Reports
- Creates a BI Publisher print out for Partners

Page 1 of 13 Joint Venture Billing Management Resources, Inc - 98 2016-02-01 Thru 2016-02-28 Billing Information: Payment Terms: Net 30 Days Partner: Thomson Company Thomson INC 8989 Stockton Drive Partner: 7500010 Building #3 Thomson Company 9th Floor 8989 Stockton Drive Strite 555 Building #3 Aurora CO 80222 9th Floor Suite 555 Aurora CO 80222 555 497-3824 Bob.Thompson@fakeid.com Currency: U.S. Dollar Remit To: Management co for JV 98 1356 Columbus Way Suite 25 Denver CO 80237

## JV Reports / Inquiries

#### Financial Reports & Inquiries

- Balance Sheet
- Income Statement
- Trial Balance
- G/L by Business Unit
- G/L by Object
- G/L by Category Code
- Account Ledger
- Account Balances
- Account Inquiries
- Consolidations
- OneView Reporting for Financial Reports
- One View Financial Statements

#### Joint Venture Inquiries

- Account Ledger
- Distribution Summary by Partner
- Distribution Detail by Partner
- Distribution Details
- Distribution Details by Distribution Doc
- Distribution Inquiry
- Cash Calls Inquiry
- Cash Calls Receipt Inquiry

#### Conclusion

- Created for companies that need partners to help fund their projects
- Only available in 9.2 / Part of financial suite of modules
- Naturally integrates with many key modules / "Tag file" concept
- Key is in the setup of your Joint Venture structure
  - Structure is similar to regular Financial setup activities
- JV Processing occurs AFTER regular processing of transactions
- JV reports / inquiries available

# Any Questions?



#### **Hear more from Grant Thornton**

Stop by our booth—our team of JDE experts will be on hand to answer your questions....AND we're giving away a **Ring security camera**!

#### **Tuesday**

- Options for configuring project cost detail within JDE | Craig Davied | 2:00 p.m.
- 8 easy steps to evaluate the effectiveness of your EAM/CAM asset maintenance program | Steve Yniguez | 3:15 p.m.



#### Wednesday

- Where are all my orchestrators at? Let's take a look at notifications and UDO security | Anthony Palmisano and Mohammad Shujaat | 8:15 a.m.
- Import thousands of Invoices from your AP automation platform into JDE in seconds! | David Kratzke and Mohammad Shujaat | 8:15 a.m.
- Auto tendering transportation Carriers in JD Edwards | Craig Davied | 3:00 p.m.
- Positive pay 2.0: Now with 100% more orchestrations | Mohammad Shujaat and Rick Snell, Murphy USA | 4:00 p.m.

#### **Thursday**

- Realizing joint ventures in JDE | Craig Davied | 8:15 a.m.
- Workflow options with JD Edwards
   Orchestrator | Dwight Moore and Anthony
   Palmisano | 11:15 a.m.
- Automating currency exchange rates using JD Edwards & orchestrator | Mohammad Shujaat and Anthony Palmisano | 1:15 p.m.









Contact me:

craig.davied@us.gt.com

**Session ID:** 102500



#### At Quest, you belong.

Swap stories, ask questions, find answers, and learn from other Oracle users.

#### Quest Helps:

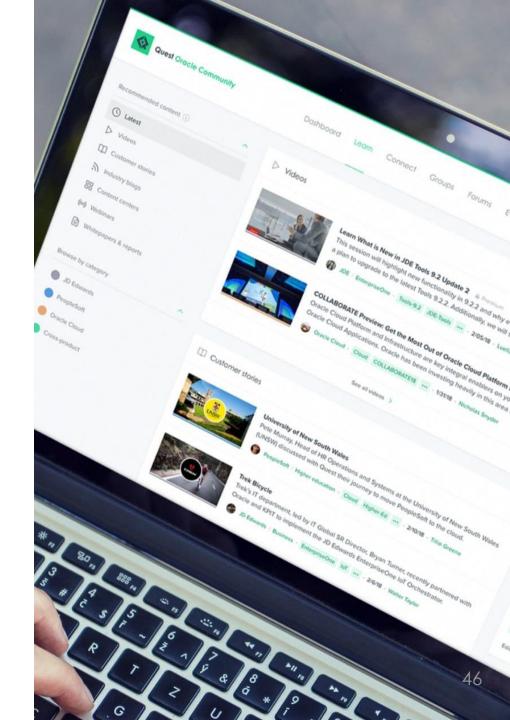
#### **Individuals**

- Increase their personal knowledge, skills, and efficiency.
- Find answers and solve problems.
- Make better, informed decisions.
- Increase their sphere of professional influence and advance their careers.

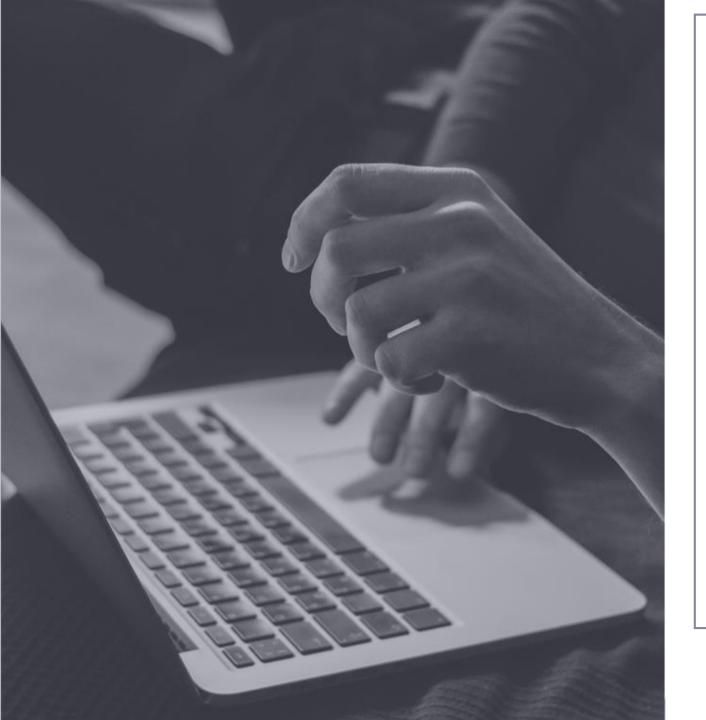
#### Quest Helps:

#### **Companies**

- Become more efficient in their use and deployment of Oracle products.
- Transform their organizations and modernize their product planning.
- Recognize opportunities for efficiency gains and cost savings.



Learn more at questoraclecommunity.org/membership



#### Save the date!

4 jam-packed days of practical deep dive JD Edwards digital learning

October 18 - 21, 2021



**SAVE BIG with Corporate Pass Event Bundles** 

questoraclecommunity.org/infocus