



JD Edwards

INFOCUS

ENVISION

**Import thousands of Invoices
from your AP automation
platform into JDE in seconds!**

Presented by:

Dave Kratzke, Grant Thornton LLP

Mohammad Shujaat, Grant Thornton LLP

Session ID

About Me – Dave Kratzke



- Dave is a Director with Grant Thornton in the Technology Transformation practice. He has 27 years in consulting, private industry and public accounting and over 21 years in the real estate and construction industries. He has extensive expertise with financial, construction and real estate systems, especially with the Oracle JD Edwards suite of applications. Dave specializes in leading large project teams through complex enterprise application implementations. He also has significant experience in establishing and running Program Management Offices as well as designing and implementing all relevant business processes associated with his implementation experience and real estate/construction industry knowledge.
- Dave has experience with the processes and configuration of the JDE Financial, Real Estate Management, Job Cost and Purchasing/Subcontract modules. Dave also has experience with multiple releases of the JDE software from World A5.1 through E1 9.2. Prior to working in the consulting industry, Dave worked as an auditor in public accounting and Controller for an international corporation.

About Me - Mohammad Shujaat



- Mo is a Manager with Grant Thornton in the Technology Transformation practice. He has over 7 years of consulting experience, across a diverse set of companies and industries. Mo's experiences include hands on management and implementation of ERP software packages, business process reengineering and system architecture design. Mo is passionate about using JDE usability tools and orchestrations to provide customers with creative and unique solutions which help progress them on their digital journey. Mo is also experienced in blockchain solutions and has implemented machine learning solutions with JDE
- He has experience with the processes and configuration of the JDE Distribution and Manufacturing modules, specifically with the, Procurement, Sales, Inventory, Advanced Pricing, Shipping, Discrete Mfg, MTO Mfg, and Transportation. Mo also has experience with multiple releases of the software, web services, and warehouse data collection. Prior to joining Grant Thornton Consulting, Mo was an experienced consultant at an Oracle Partner

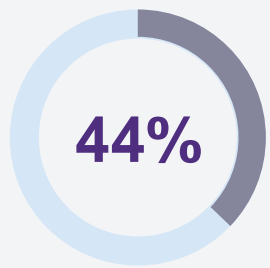
Industries

- Consumer Products
- Retail
- Metals and Mining
- Mineral Exploration Drilling
- REST integrations
- Construction & Building Materials
- Automotive Parts Manufacturing
- Metals Components
- Data Collection
- Third Party Logistics
- Inbound / Outbound Transportation
- Machine learning
- Blockchain

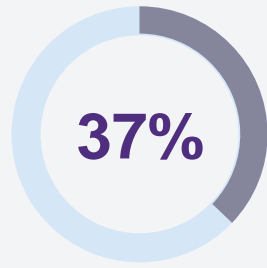
About Grant Thornton

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.

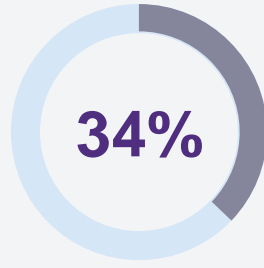
Who we serve:



Fortune 100
companies



Fortune 500
companies



Fortune 1000
companies

* Statistics as of July 31, 2020



\$1.92bn

in revenue



8,459

people, including
595 partners



53

offices

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
- Implementations
- Upgrades
- Mobile applications
- Third party integration architecture
- Business process re-engineering
- 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**

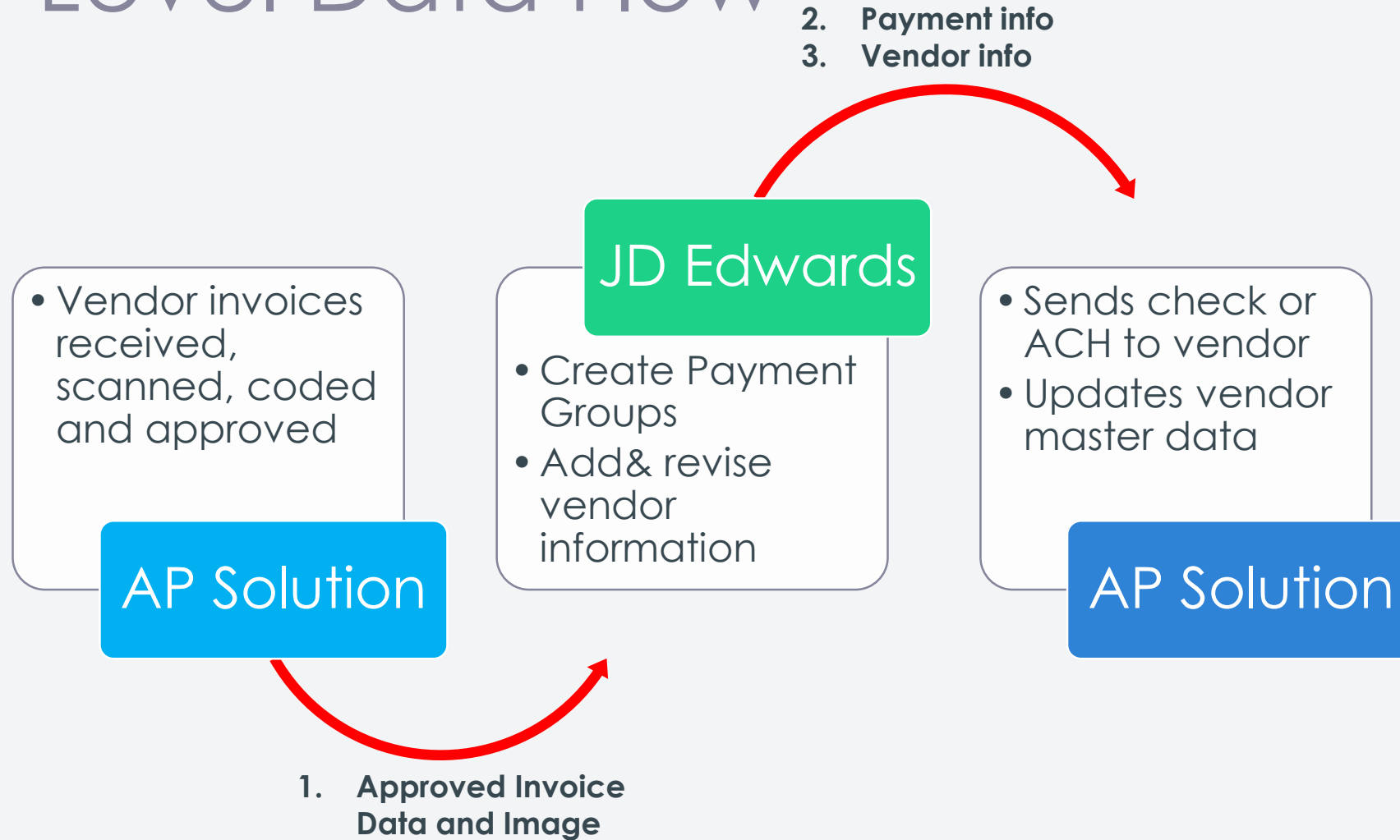
Agenda

- Client Use Case – Orchestrator AP Integration
 - Overview
 - Invoice Import Orchestrator
 - Vendor Synch Orchestrator
 - Tenant Bill Back Orchestrator
- Orchestrator as your Integration Platform
- Q&A

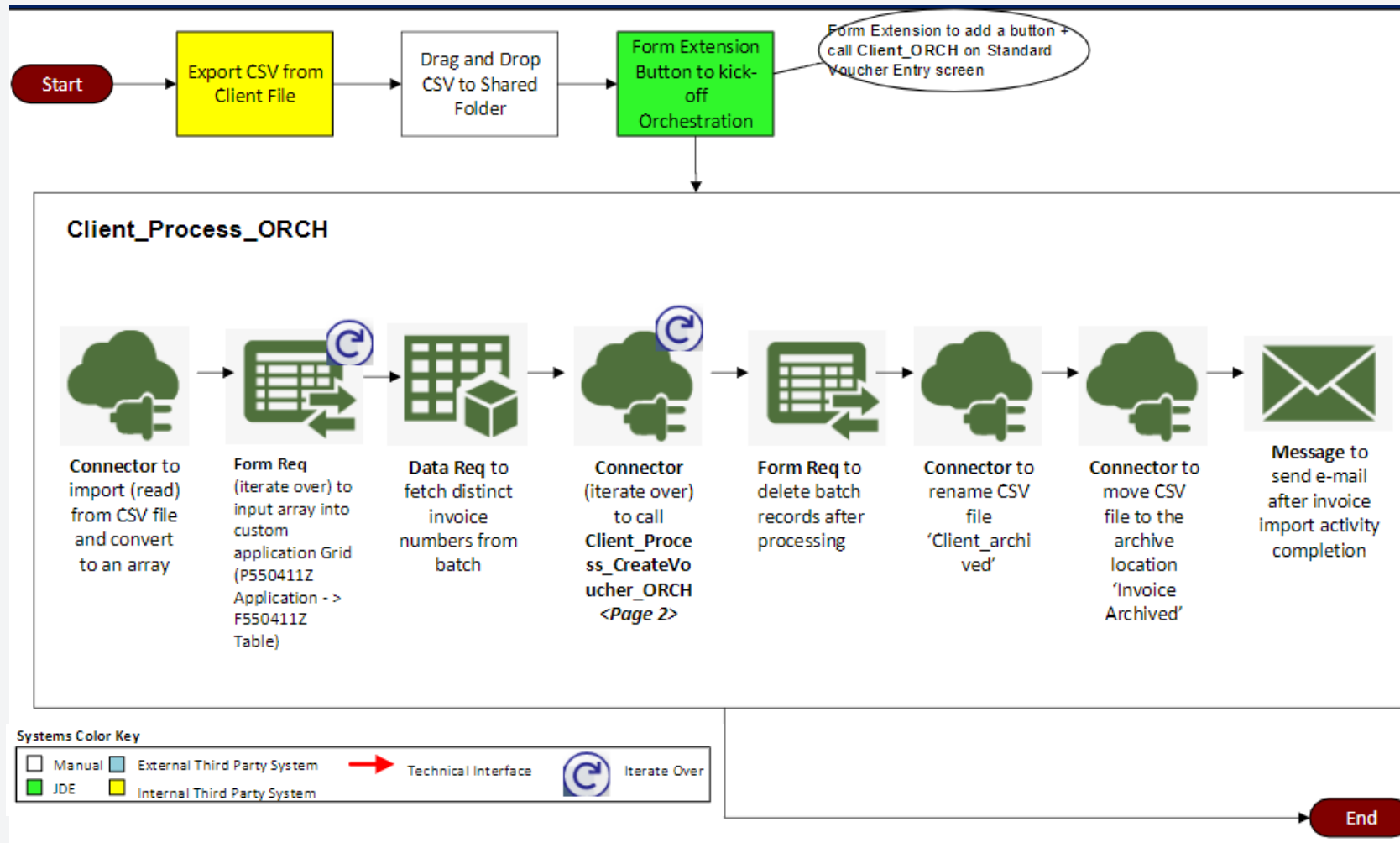
Use Case Overview

- Client is an owner, developer and manager of commercial real estate
- Client is running E1 9.2, Tools Release 9.2.4.1
- Client purchased 3rd party cloud AP solution to
 - Outsource collection, scanning and indexing of vendor invoices
 - Streamline invoice approval routing and coding procedures
 - Produce payments to most vendors (some payments still in-house)
- Multiple integrations required between AP solution and JDE

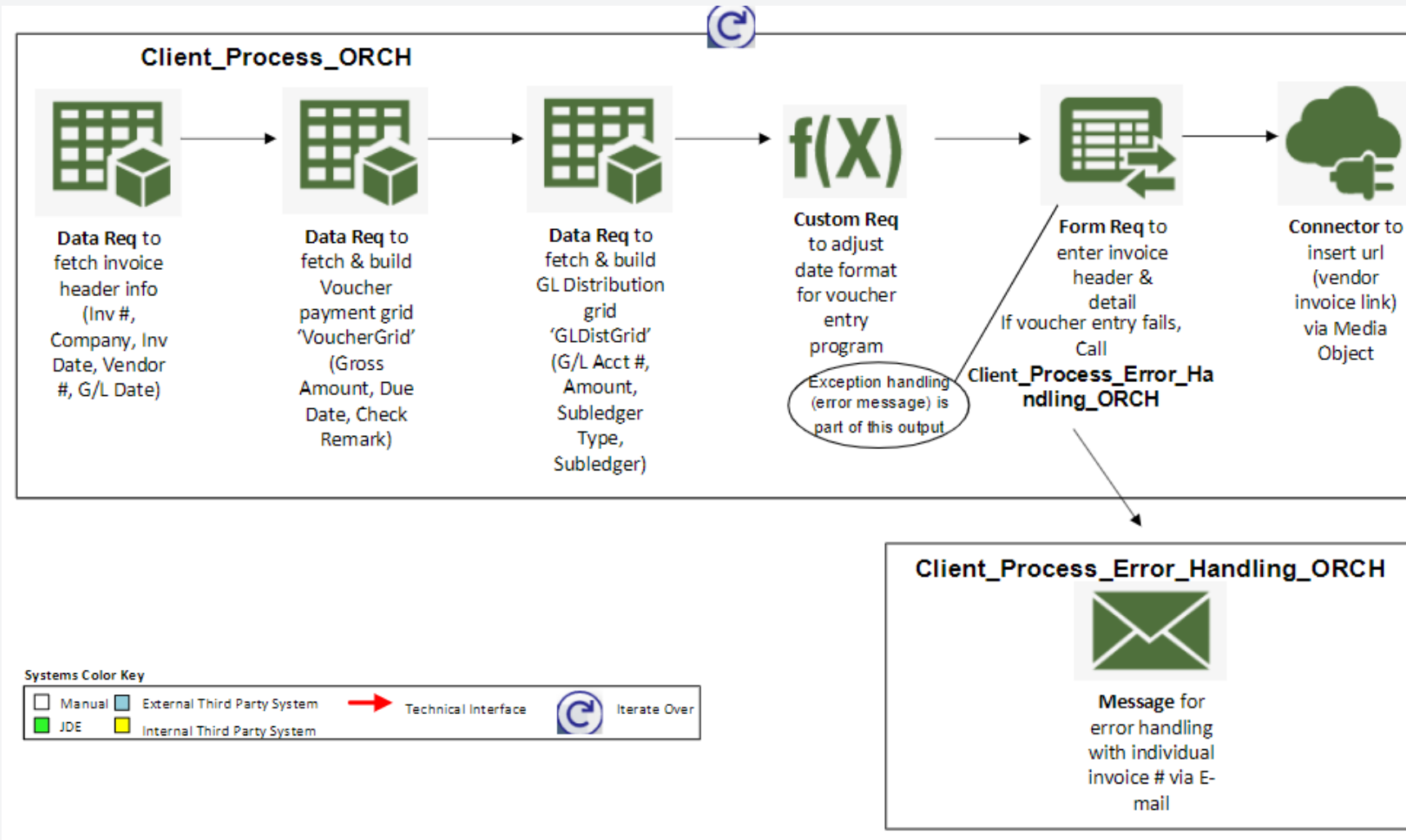
High-Level Data Flow



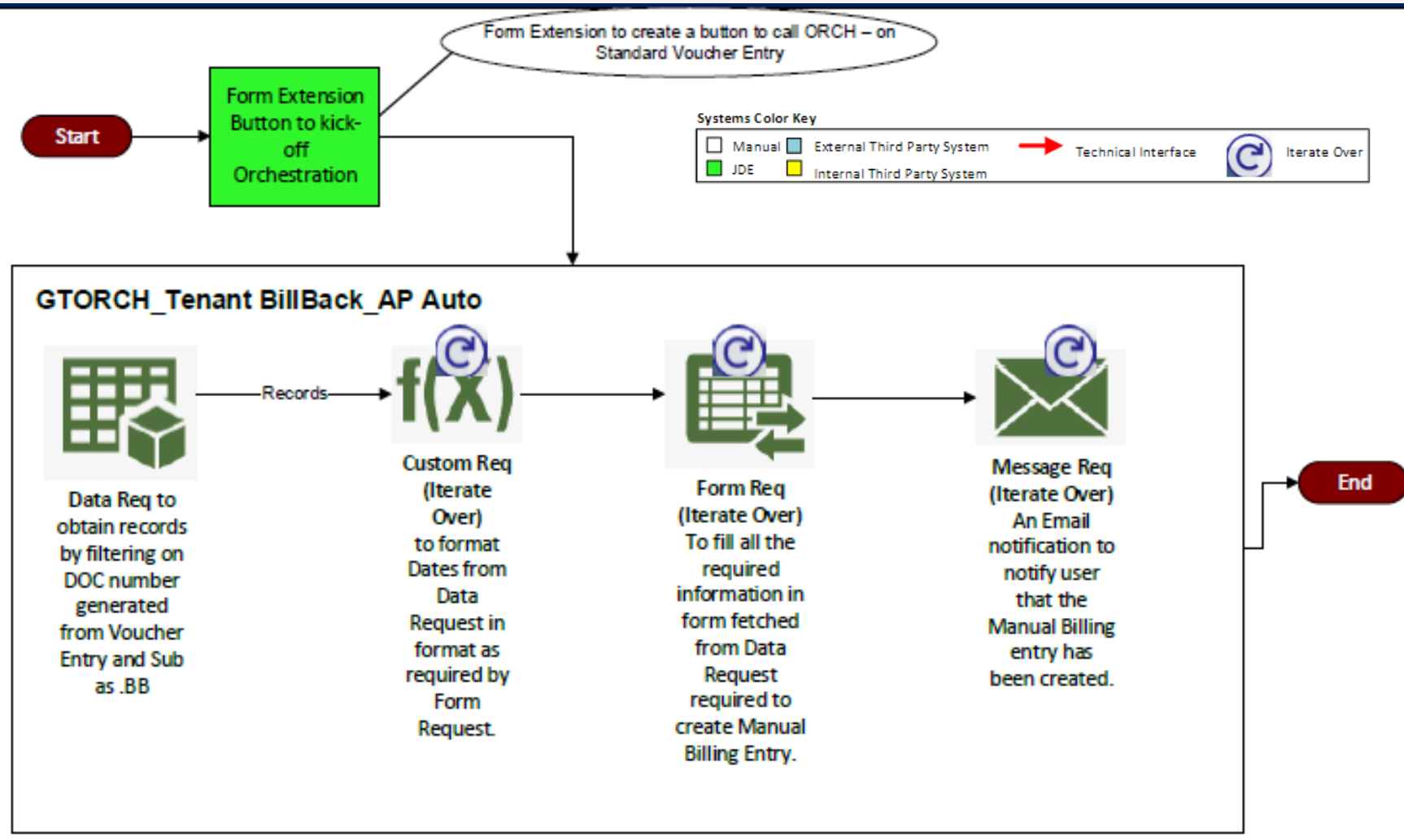
Invoice Import Orchestrator



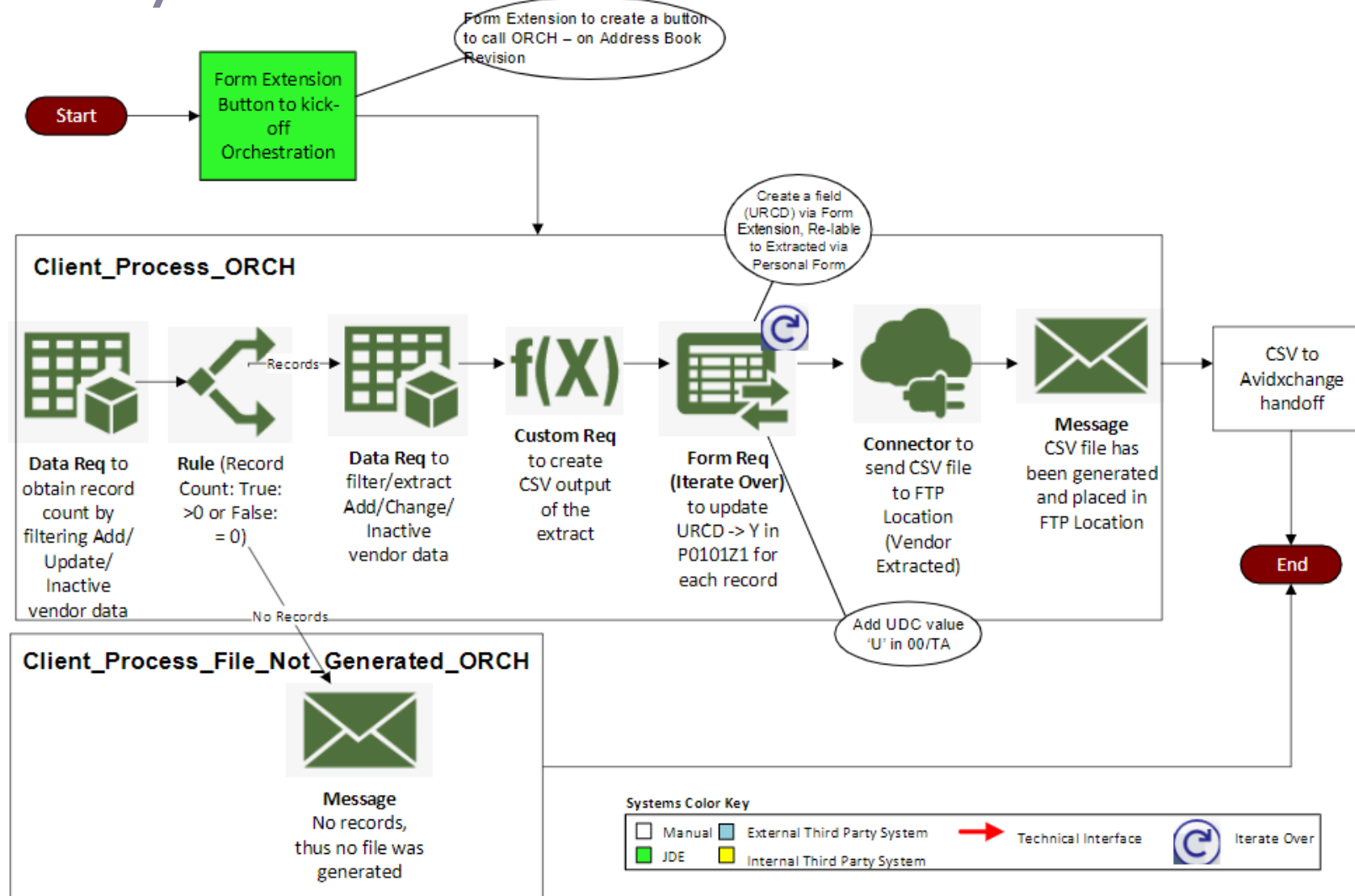
Client_Process_ORCH Component



Tenant Bill Back Orchestrator



Vendor Synch Orchestrator



Characteristics of a Great Integration



Timely: Gets data/runs processes/does stuff in the right place, at the right time



Consistent: Performs the same way every time (99.99%* of the time)



Communicative: Notifies appropriate stakeholders of events, exceptions, successes, and failure



Self-Sustaining: Integration should be able to operate on its own without human intervention

How to Inte-Great!

01

Qualify

- Qualify the type of integration that will work best for your scenario

02

Understand

- Understand how your integration will need to evolve & change over time

03

Place

- Ensure the integration fits into your overall systems integration strategy

04

Plan

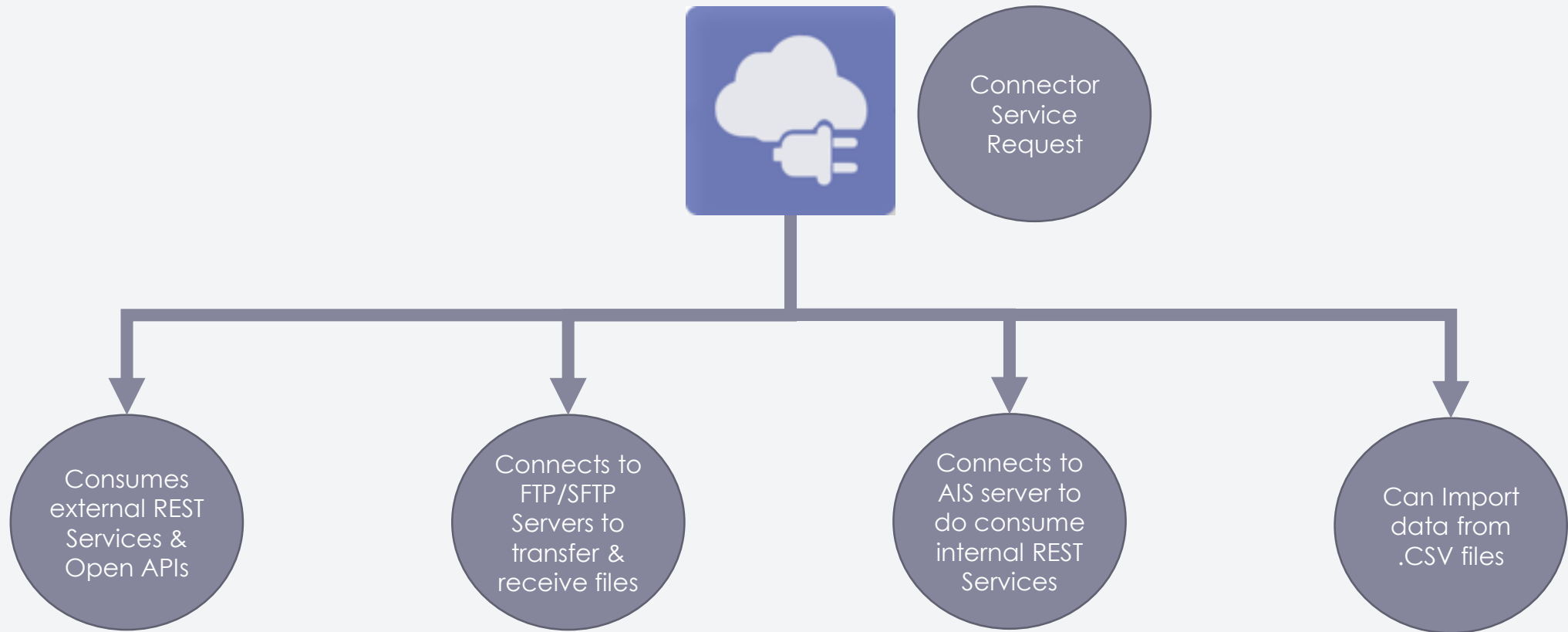
- Plan your roadmap in advance
- Embrace MVP concept

05

Deliver

- Consider how your integration should execute its tasks
- Determine How stakeholders will interact with inputs & outputs

Orchestrator as your JDE Integration Platform



Connector Service Request – REST



Connector Service Request Use Cases with REST APIs

Fetch foreign
exchange rates

Populate/verify
addresses with
google

Transfer flat files to
bank or other third
party via API

Connect to batch
records system

Fetch rates/tracking
info from UPS/Fedex

Retrieve transaction
data from Shopify

Connecting to a
mobile application

Connecting to AP
Automation system

Connecting to
construction/project
management
system

Connecting to
electronic batch
record system

Connector Service Request – FTP/SFTP



Connector Service Request Use Cases with FTP/SFTP

Transfer Files to FTP
Server

Retrieve File from FTP
server

Remove source file
to prevent
reprocessing

Rename files with
date/time/combo/
anything

Archive Files

Connector Service Request – AIS



Connector Service Request Use Cases with AIS

Add text
attachments from
CRM to quote

Add URL
attachments from
AP system

Attach PDF for
contracts in PO

Add invoice file from
AP system to PO or
voucher

Add UBE Output to
Sales order after
invoicing

Attach Purchase
Order Print to
Purchase Order

Attach URL linking to
external document

Connector Service Request – Import CSV



Connector Service Request Use Cases with CSV File Import

Create New &
update existing
base prices

Update sales order
lines

Add new address
book records

Update item master
and item branch
cat codes

Import data from AP
system

Convert asset
master & fixed asset
records

Update equipment
master records

Orchestration Based Integrations

Feature	Orchestrator	SOAP/BSSV	UBE/Flat File
Exception Handling capabilities without extra dev	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Message & notification capabilities without extra dev	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Logging & Monitoring capabilities without having to dig into humongous log files	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Point & click low code/no code development interface	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Can be created by a BA*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use of JDE native programs & applications	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to JDE native business functions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Q & A



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 | 3:00 p.m. ET
- **8 easy steps to evaluate the effectiveness of your EAM/CAM asset maintenance program** | Steve Yniguez | 4:15 p.m. ET

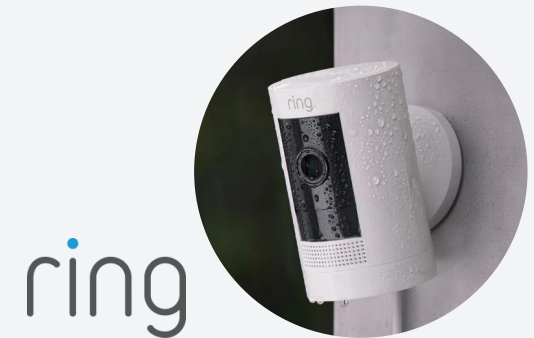


Wednesday

- **Where are all my orchestrators at? Let's take a look at notifications and UDO security** | Anthony Palmisano and Mohammad Shujaat | 9:15 a.m. ET
- **Import thousands of Invoices from your AP automation platform into JDE in seconds!** | David Kratzke and Mohammad Shujaat | 9:15 a.m. ET
- **Auto tendering transportation Carriers in JD Edwards** | Craig Davied | 1:15 p.m. ET
- **Positive pay 2.0: Now with 100% more orchestrations** | Mohammad Shujaat and Rick Snell, Murphy USA | 5:00 p.m. ET

Thursday

- **Realizing joint ventures in JDE** | Craig Davied | 9:15 a.m. ET
- **Workflow options with JD Edwards Orchestrator** | Dwight Moore and Anthony Palmisano | 12:15 a.m. ET
- **Automating currency exchange rates using JD Edwards & orchestrator** | Mohammad Shujaat and Anthony Palmisano | 2:15 p.m. ET



Visit our virtual booth

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Tuesday

- **We are the champions (of Orchestrator)!**
2:00 p.m. ET
- **Happy hour at The Masters**
5:15 p.m. ET

Wednesday

- **Back to the future with JD Edwards**
12:15 p.m.
- **Leaving the world behind.....quickly**
4:15 p.m.

Thursday

- **Lessee accounting: Where are we now?**
1:15 p.m.



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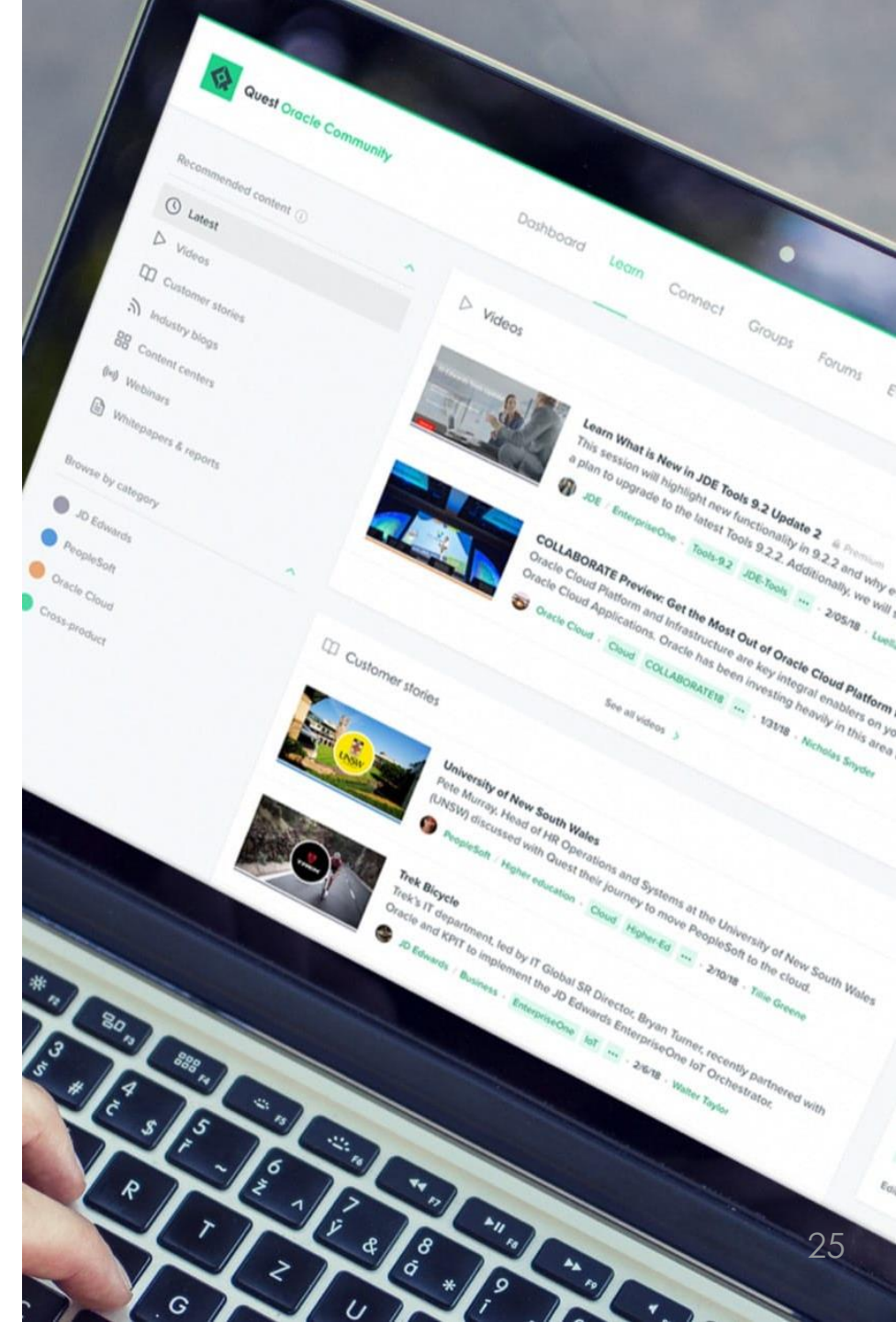
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- Find answers and solve problems.
- Make better, informed decisions.
- Increase their sphere of professional influence and advance their careers.

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- Recognize opportunities for efficiency gains and cost savings.

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