

Innovation and JDE

JD Edwards Update Event 2025







Het Zendstation, Lopikerkapel, November 13th

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Master Principal Solution Engineers JDE



Innovation topics

1. Digital Assistant with field service - video
2. AI Vision – Resistors – Live 
3. RAG Pricing Agent – Video 
4. Vector Search – Certificate of Quality – video 
5. Summarization with LLM – Spend Analysis – Live, including widgets 
6. Summarization & Digital Assistant – Enterprise Automation – Video
7. Document Recognition – Receipts and Invoices – Video
8. Adnam's
9. Enterprise Automation Dashboard - Video 

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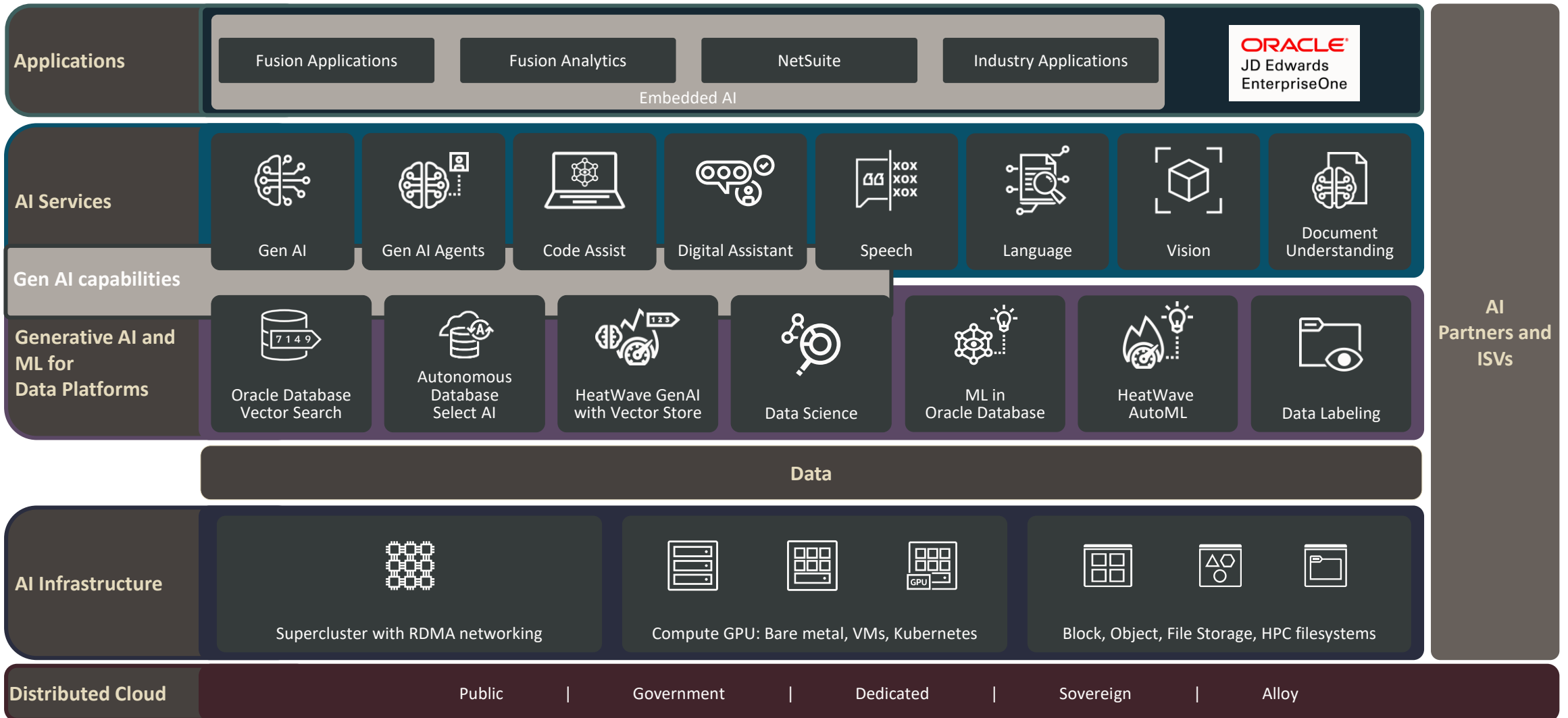
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New since AU Days 2024



The Oracle AI Stack



Authentication for Oracle Cloud Infrastructure Services

Use Orchestrator to authenticate to and invoke a wide range of OCI services

Business Problem:

The EnterpriseOne digital platform, and specifically EnterpriseOne Orchestrator, enable the EnterpriseOne system to participate in process automation, integration, and data exchange with external systems and Cloud services, notably Cloud services offered by Oracle Cloud Infrastructure. Of course those integrations must happen securely.

Solution:

This feature extends the supported authentication mechanisms that EnterpriseOne Orchestrator can use to invoke external services provided by Oracle Cloud Infrastructure. Specifically, this feature enables the use of Oracle Cloud Infrastructure API Signature Version 1 to authenticate to services such as Oracle Document Understanding.

New Security option in Connector

Service Information | **Security** | Client Certificate | Proxy | HTTP Headers

Security Policy: OCI API Key-Based Authentication

OCI Configuration File: [DEFAULT]
user=xxx.xxx.xxx..alsjfdjlaksjdfiakjsjfaakjj2lkj32j32lj3lkj3l2jj2j3lj2lj3lksajaldajvlkejrejelekjrell
fingerprint=xx:aa:aa:bb:cc:dd:ee:ff:11:22:33:44:55:66:77
tenancy=alskdj:aljkdsf:xxx:yyy:203432482934:akdsjfajsdjfaakdjfakd
region=xx-yyyyy-1
key_file=&path to your privatekeyfile&
TODO

Private Key File Name: xxx_vvv_zzz.pem

Drop OCI Private Key (.pem) file here or click to upload

OCI SDK Authentication Methods

The OCI SDK and CLI supports the following authentication methods:

- API key-based authentication
- Session token-based authentication
- Instance principal
- Resource principal

This section discusses each method in detail and provides examples.

API Key-Based Authentication

In this authentication method, you create a configuration file and store it on the local disk. The configuration file contains details such as the user OCID, tenancy OCID, region, private key path, and fingerprint. This authentication method creates a permanent configuration file on your machine. It should be used if you are working from a secure network and are comfortable storing private keys and configuration locally.

See OCI Documentation:
https://docs.oracle.com/en-us/iaas/Content/API/Concepts/sdk_authentication_methods.htm

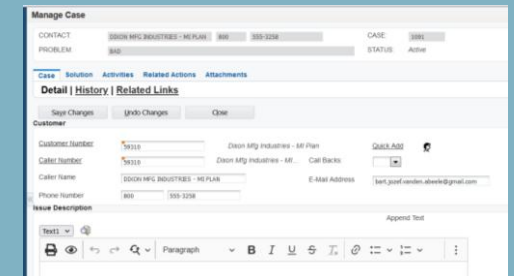
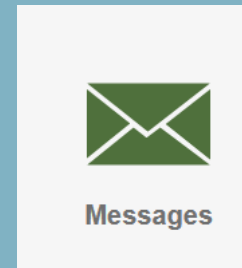
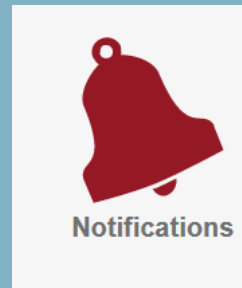
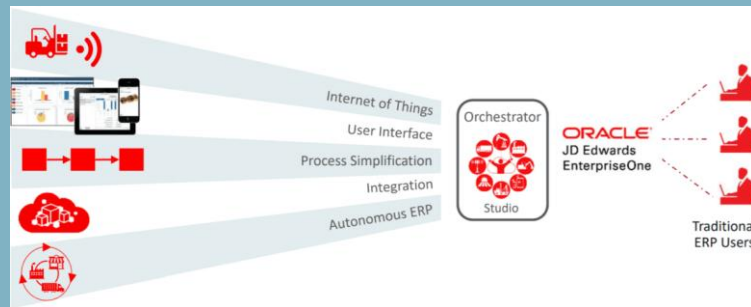
- Infrastructure Services
 - Infrastructure Services
 - Service Essentials
 - Access Governance
 - Analytics Cloud
 - Anomaly Detection
 - API Gateway
 - Application Dependency Management
 - Application Performance Monitoring
 - Archive Storage
 - Artifact Registry

Authenticate to and use (orchestrate) a LONG list of OCI REST APIs

Scenario: Digital Assistant with field service



At the Customer

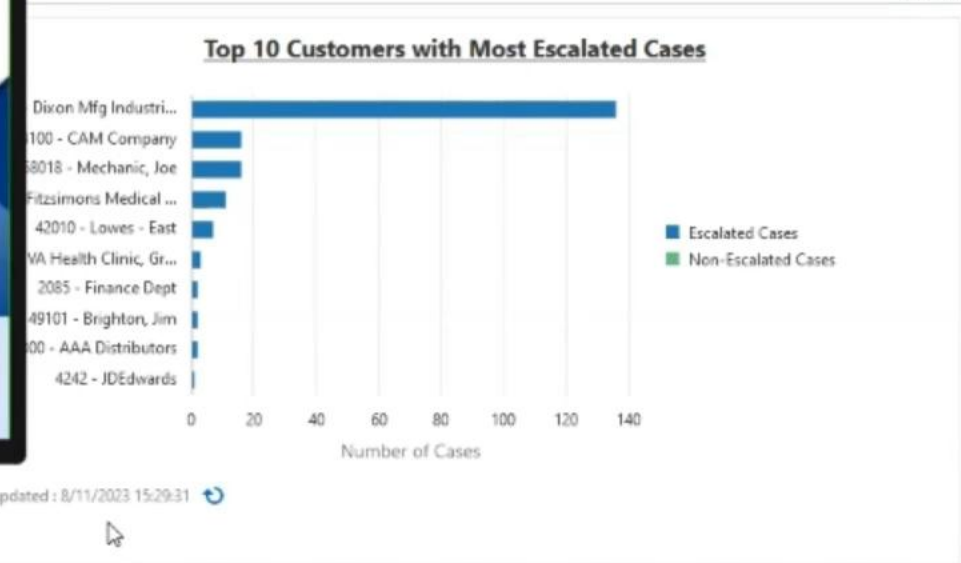
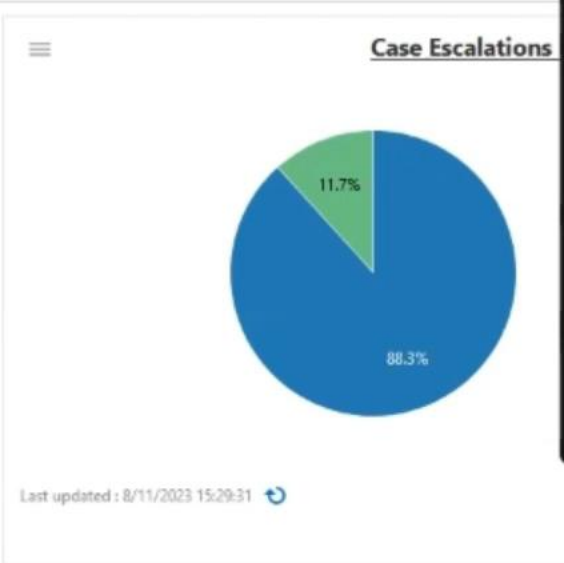
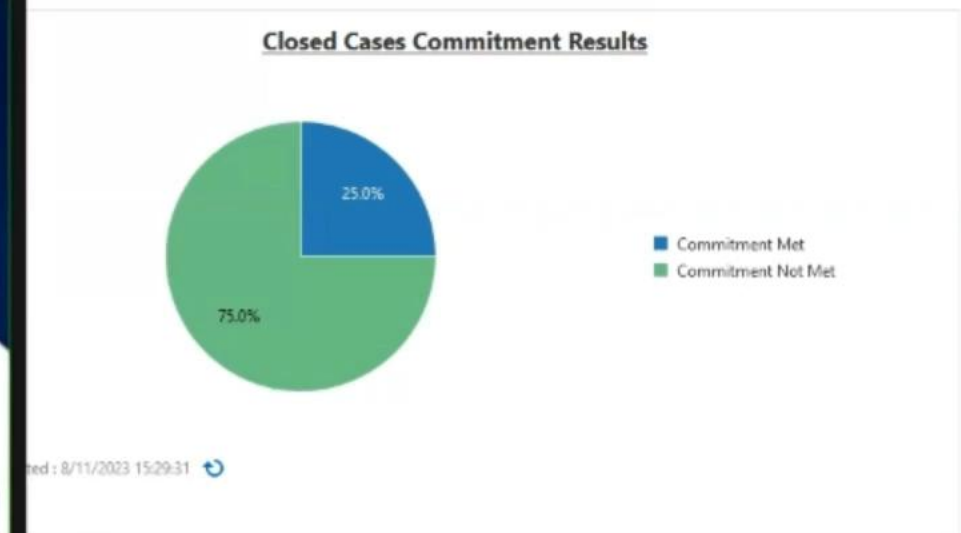


At the company



All Matches Warning Critical

0 Escalated Cases



AnyMirror

0 Escalated Cases

ORACLE

Welcome to the Oracle Digital Assistant.
How can I help you?

A few seconds ago

Type a message

Restart Menu

Scenario: AI Vision



6-Band $2\ 7\ 4 \cdot 10^0 \pm 2$ = 274 Ω \pm 2%, 250 ppm/K

Color	1st Digit	2nd Digit	3rd Digit	Multiplier	Tolerance	Temperature Coefficient
Black	0	0	0	1 Ω		250 ppm/K
Brown	1	1	1	10 Ω	\pm 1%	100 ppm/K
Red	2	2	2	100 Ω	\pm 2%	50 ppm/K
Orange	3	3	3	1k Ω		15 ppm/K
Yellow	4	4	4	10k Ω		25 ppm/K
Green	5	5	5	100k Ω	\pm 0.5%	20 ppm/K
Blue	6	6	6	1M Ω	\pm 0.25%	10 ppm/K
Violet	7	7	7		\pm 0.1%	5 ppm/K
Grey	8	8	8			1 ppm/K
White	9	9	9			
Gold				0.1 Ω	\pm 5%	
Silver				0.01 Ω	\pm 10%	

4-Band $12 \times 10^5 \pm 5\%$ = 1,200 k Ω \pm 5%

5-Band $100 \times 10^2 \pm 1\%$ = 10,000 Ω \pm 1%



Image source

Local file

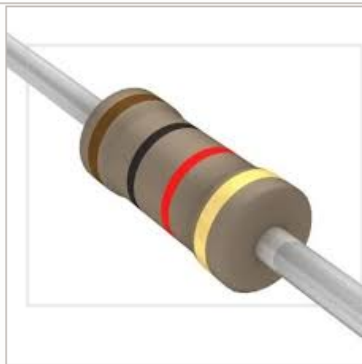
Upload an image from local file. ✓

Object storage

Paste the object storage URL of image.

Upload image

Drop a file or [select one...](#)
Upload image



Images



Selected: Resistor1KO.jpg

< > Code for image inferencing

Results ⓘ

Label	Confidence
CR010-1W-5T-100	55.37%

> Request

∨ Response

JSON

Copy

```
{
  "imageObjects": [
    {
      "name": "CR010-1W-5T-100",
      "confidence": 0.5536778,
      "boundingPolygon": {
        "normalizedVertices": [
          {
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            "y": 0.11111111111111111
          },
          {
            "x": 1,
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          },
          {
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            "y": 0.04
```



Live Demo

JD Edwards EnterpriseOne with Oracle AI

Machine Learning, RAG and Generative AI

ORACLE AI

ML and Generative AI

Vector Search – Certificate of Quality



JD Edwards EnterpriseOne with Oracle AI

Oracle Database Vector Search

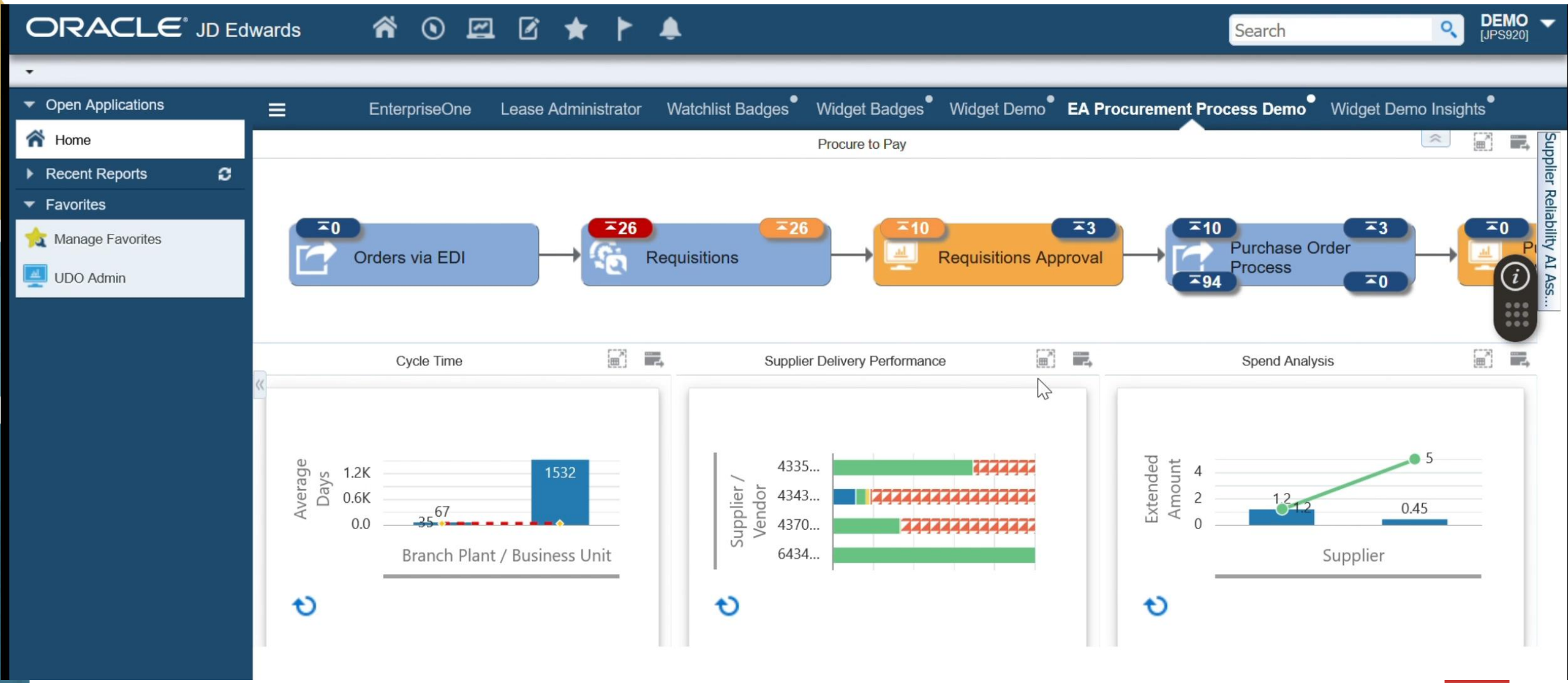
ORACLE AI

Vector Search

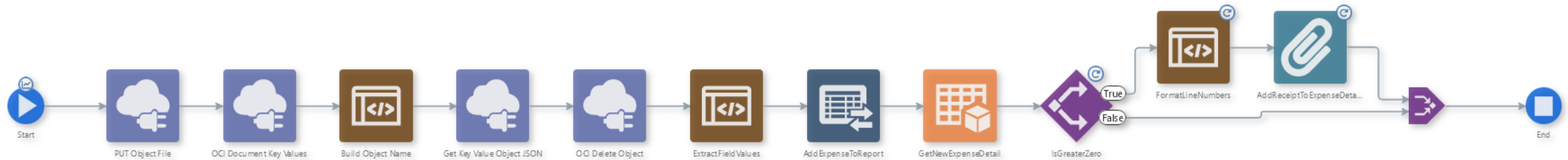
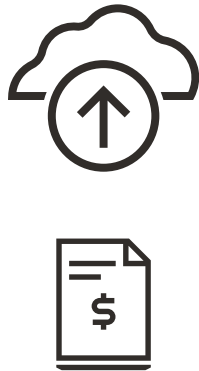
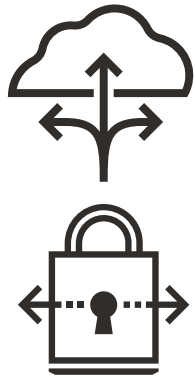
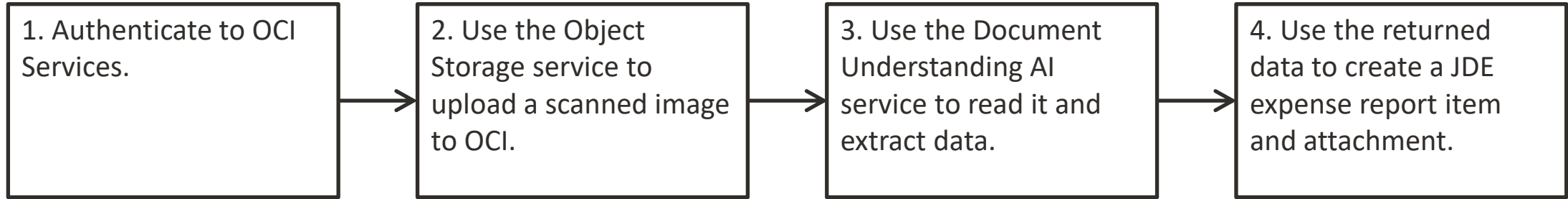
Summarization with LLM and Widgets

Live Demo

Enterprise Automation and AI Assistant



Document Recognition: Receipts



- Open Applications
- Home
- Expense Reports-Borg, Anita
- Recent Reports
- Favorites
- Manage Favorites
- System Administration Tools
- Package and Deployment Tools
- Orchestrator Monitor
- User Overrides
- Orchestrator Exceptions
- Address Book Revisions
- Expense Entry
- Task Tracking

Expense Entry - Expense Reports-Borg, Anita

Personal Form: (No Personalization) Layout: (No Layout)

Row Tools One View

View Expense Report Information

Simple Search Advanced Search

Refine your search below

Expense Report Type:

Sort by:

Display:

Ascending

Descending

[Print Expense Report](#)

[Time Entry](#)

Records 1 - 1

<input type="checkbox"/>	<input type="checkbox"/>	Expense Report Number	Expense Report Type Description	Employee Name	Expense Report Date	Expense Report Description	Report Status	Total Expenses	Employee Reimbursement	Credit Card Reimbursement	Date Submitted	Last Reviewer
<input type="checkbox"/>	<input checked="" type="checkbox"/>	167	Travel and Entertainment	Borg, Anita	07/26/2021	Business Trip	PENDING COMPLETION	10.00		10.00		

Translate JD Edwards with the help of AI

Live Demo

ADNAMs.

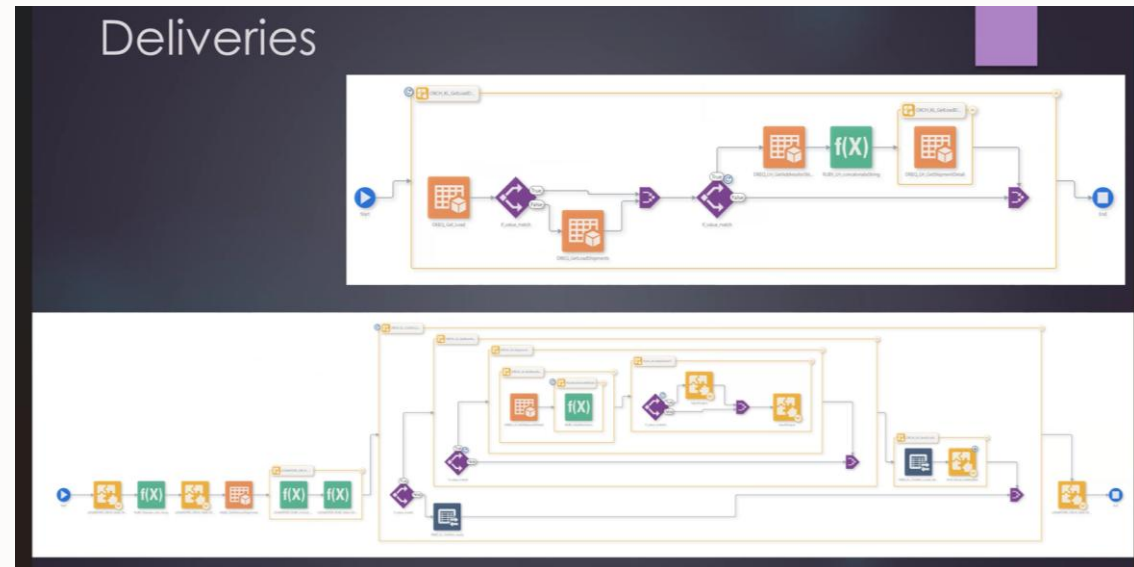
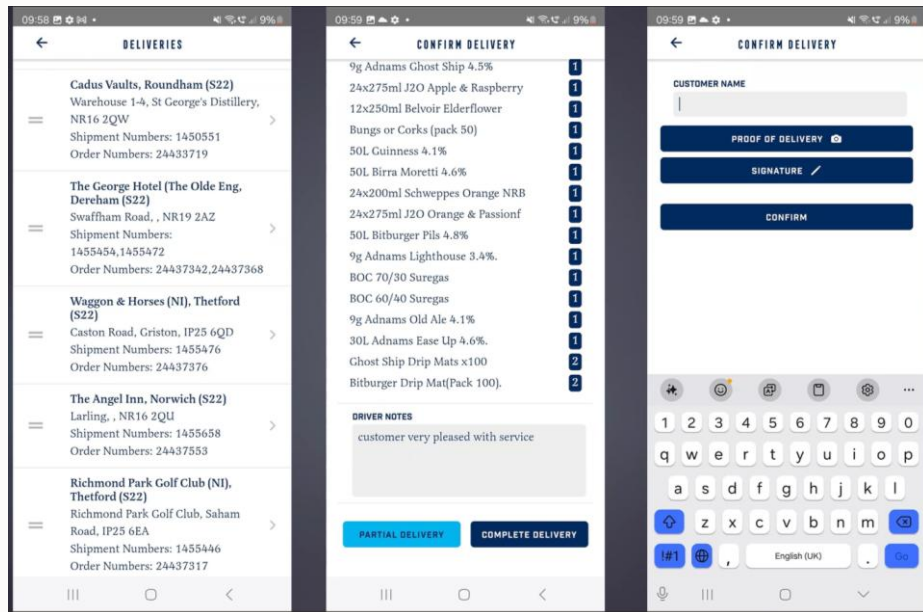
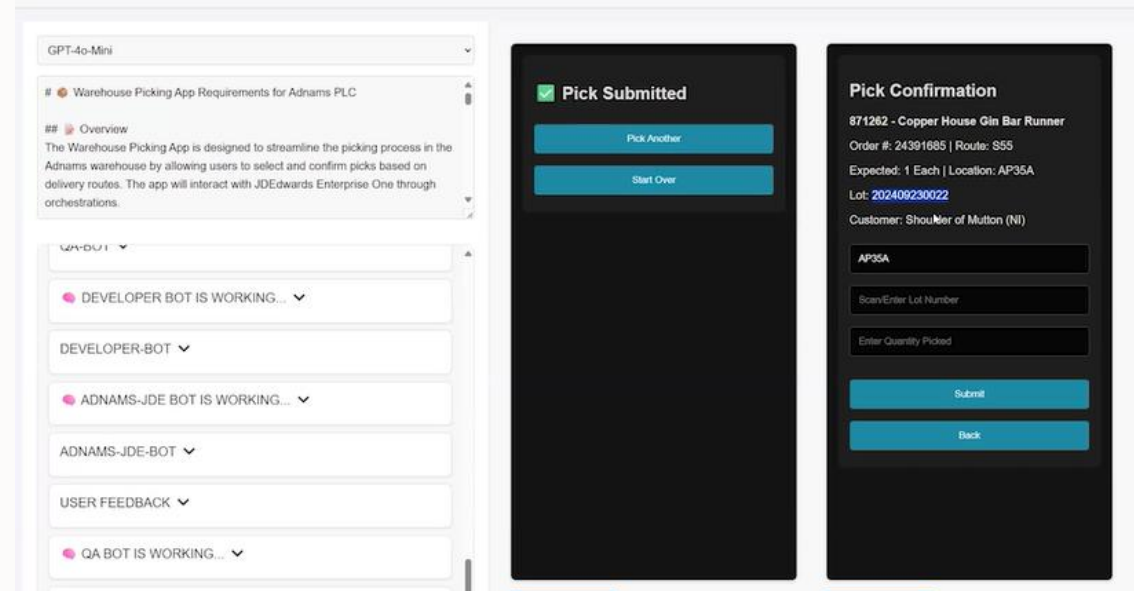
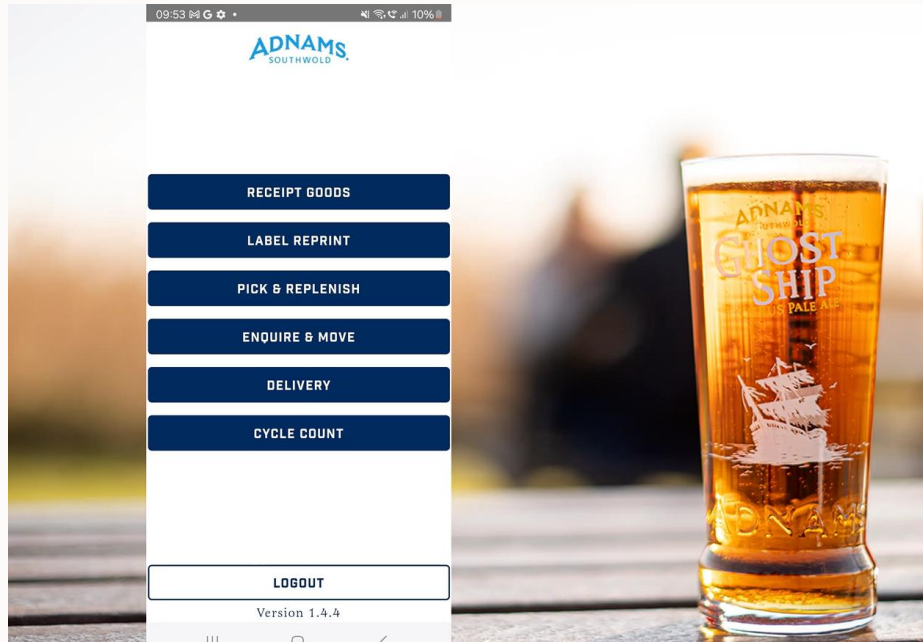
SOUTH WOLD

- Established in 1872 in Southwold, Suffolk (UK) by George and Ernest [Adnams](#)
- Generates annual revenues of \$90M USD
- Operates a unique business model combining brewing, distilling, hospitality and retail—including pubs, hotels and stores where customers can enjoy and purchase Adnams products directly
- ~~Modernization possible with implementation of JD Edwards EnterpriseOne 9.2 in 2019~~
- Legacy ERP was holding back business growth
- Early days focused on user experience with no-code personalization tools
- Adopted Orchestrations early to automate business processes



Partner: Redfaire





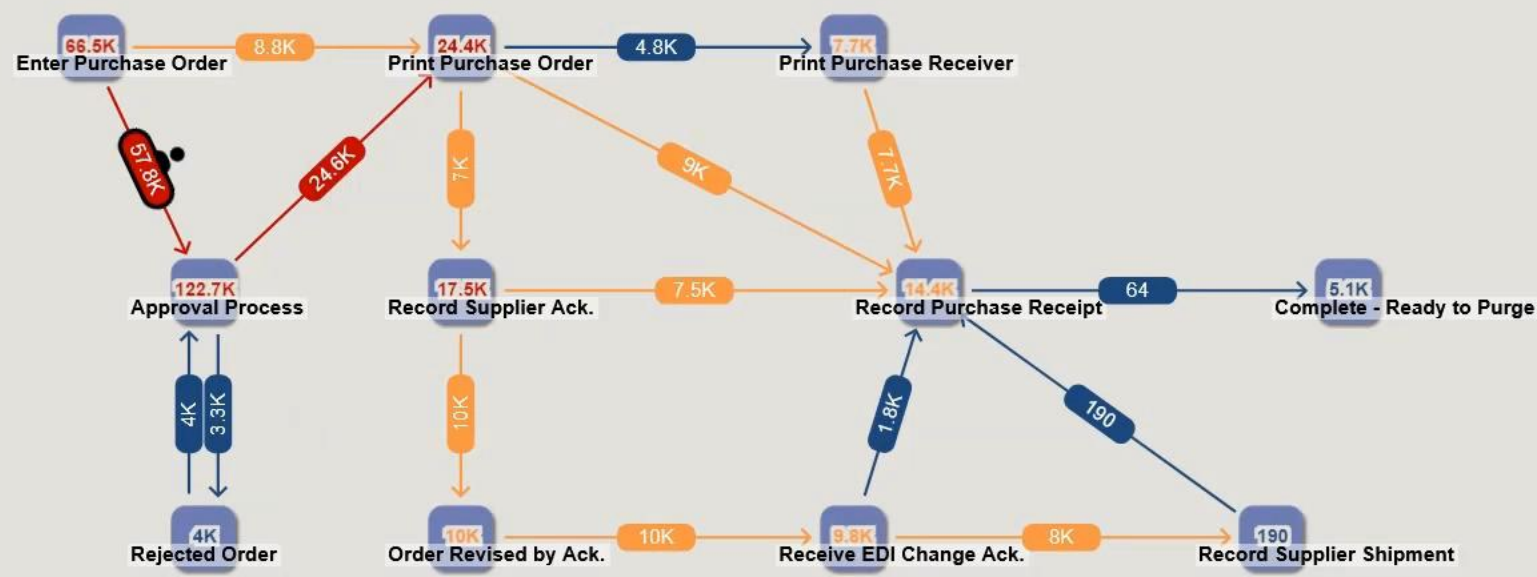
Enterprise Automation



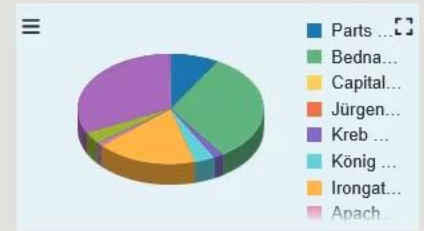
Enterprise Process (AJS1) My Processes Select Process * Procure to Pay Demo Snapshot

Node Metrics *
Order Value

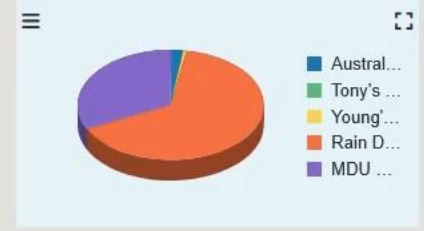
Link Metrics *
Order Value



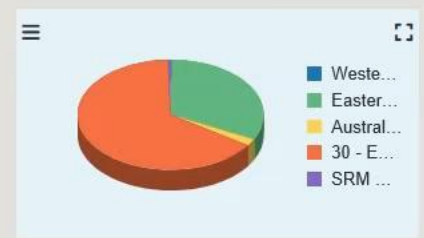
Supplier-wise Split at Selected Link



Company-wise Split at Selected Link



Business Unit-wise Split at Selected Link



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LEARNJDE Applications Tools and Technology Resources

Announcing JD Edwards EnterpriseOne **Release 25** June 2025

LearnJDE What's New
Find JDE content, product documentation and new features
What's New

Tell us about your **upgrade or implementation**
Bring greater visibility to your upgrade or implementation plans within JDE Support and Development
Know More

Roadmap Announcements Product Catalog JDE and SaaS JDE Documentation