

Oracle OCI AI and the JD Edwards Orchestrator

The Art of the Possible

September 30, 2025

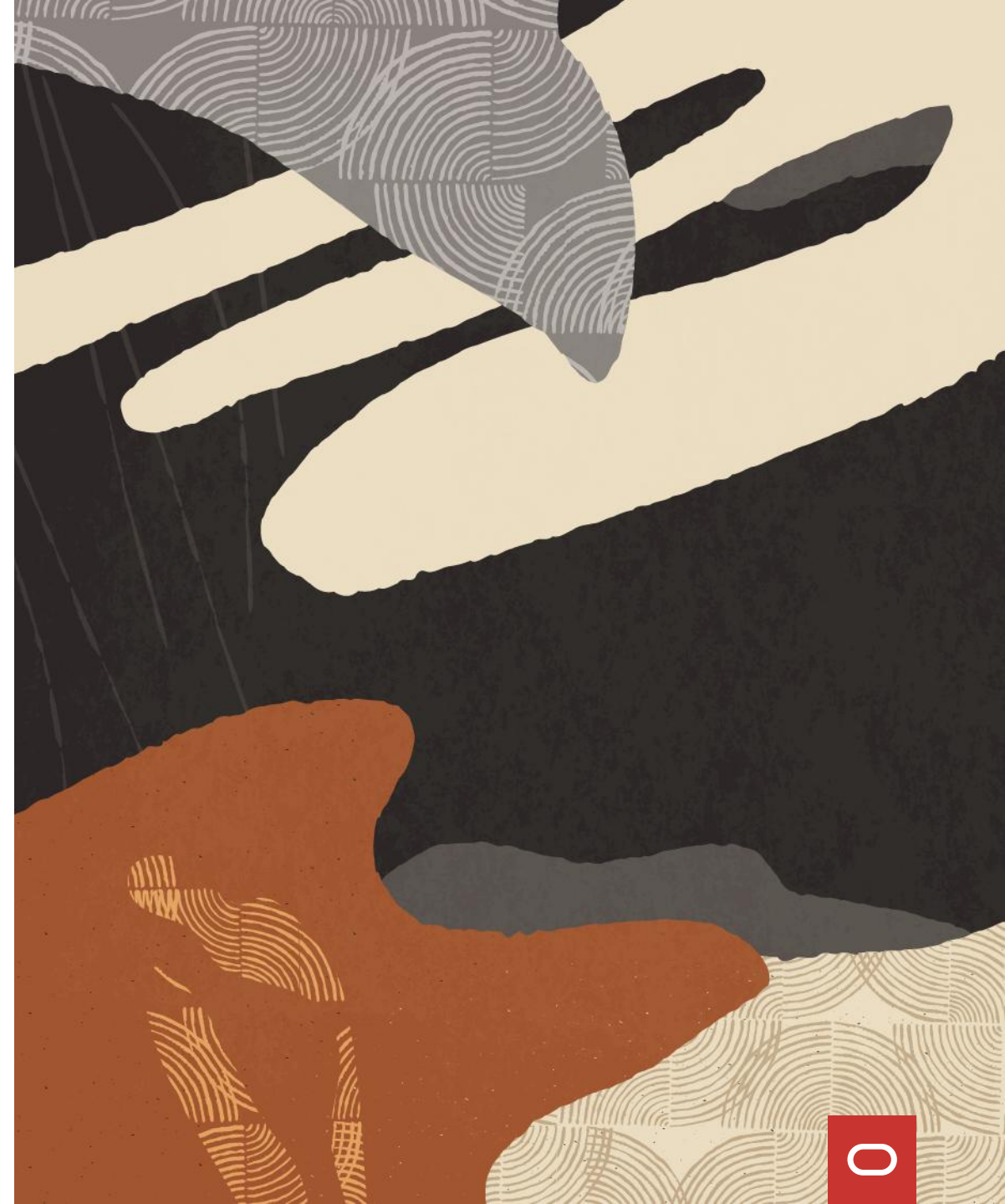
Mark Herwege & Bart Vanden Abeele

Master Principal Solution Engineers

Apps Unlimited JDE WE



Empower JD Edwards customers to benefit from Oracle's investments in intelligence capabilities throughout the technology stack, whether it is via OCI Services, embedded within SaaS applications, or available in the Oracle Database or on Oracle Cloud Infrastructure.



JD Edwards and AI Use Cases

Invoice Processing and Expense Reporting

- High volume, manual processing of invoices and expenses is tedious, time consuming and error-prone
- OCI Document Understanding

Order Capture

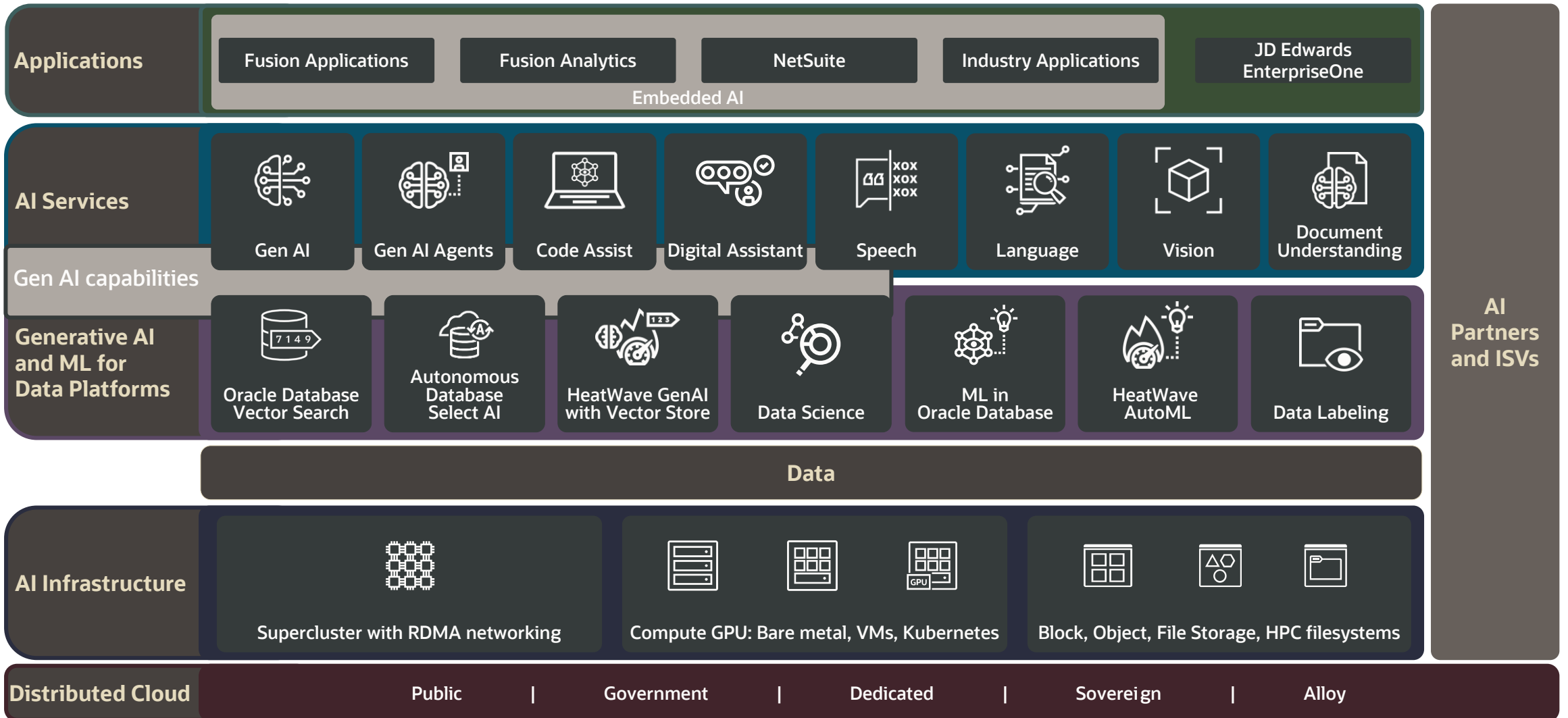
- Orders taken by reps on paper or verbally
- Transferring information to digital has unpredictable results
- OCI Document Understanding and Speech to Text

Accessing Customer Data

- Interacting with data that is only available in reports
- Chatbot to access strategic JDE data from order details, approvals and product availability
- OCI Digital Assistant and OCI Language
- Summarize data with the help of a LLM



The Oracle AI Stack



AI Vision

Live Demonstration



Goods Received: Resistors

6-Band = $274 \Omega \pm 2\%$, 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 $\Omega \pm 5\%$

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



Image source

Local file

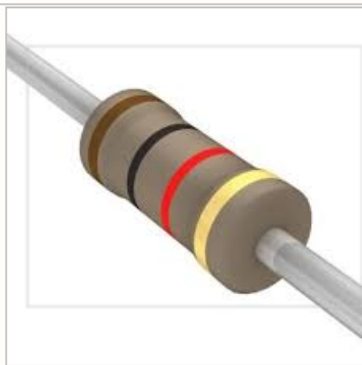
Upload an image from local file. ✓

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": [
          {
            "x": 0.06222222222222222,
            "y": 0.11111111111111111
          },
          {
            "x": 1,
            "y": 0.11111111111111111
          },
          {
            "x": 1,
            "y": 0.04
```


AI Vision Orchestration



Supercharge Expense Submissions



- 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

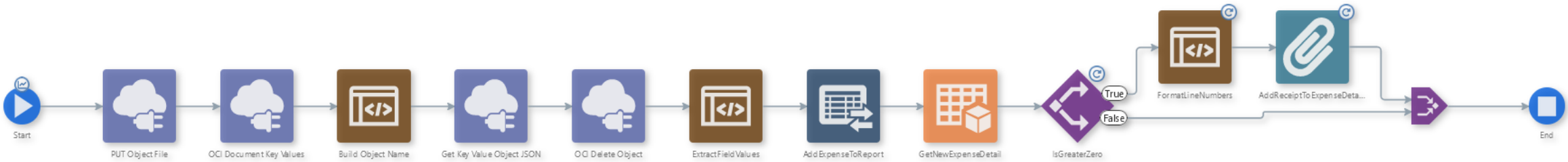
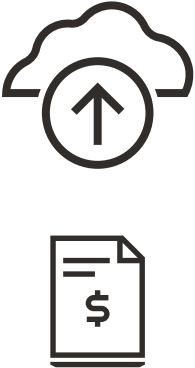
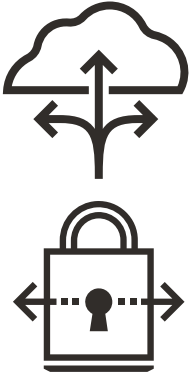
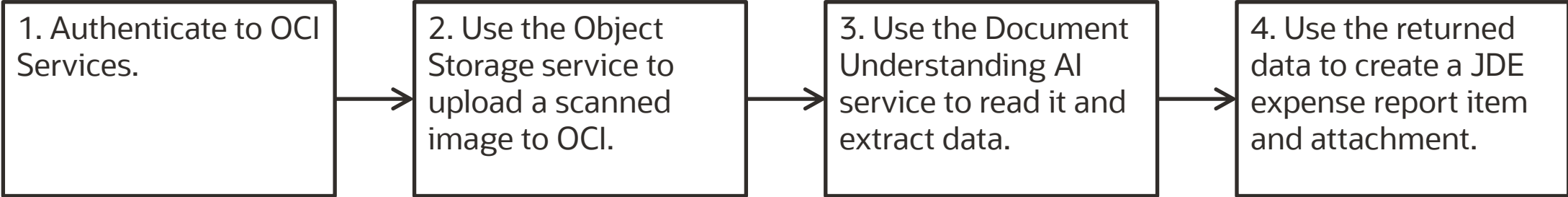
[Print Expense Report](#)

[Time Entry](#)

Records 1 - 1

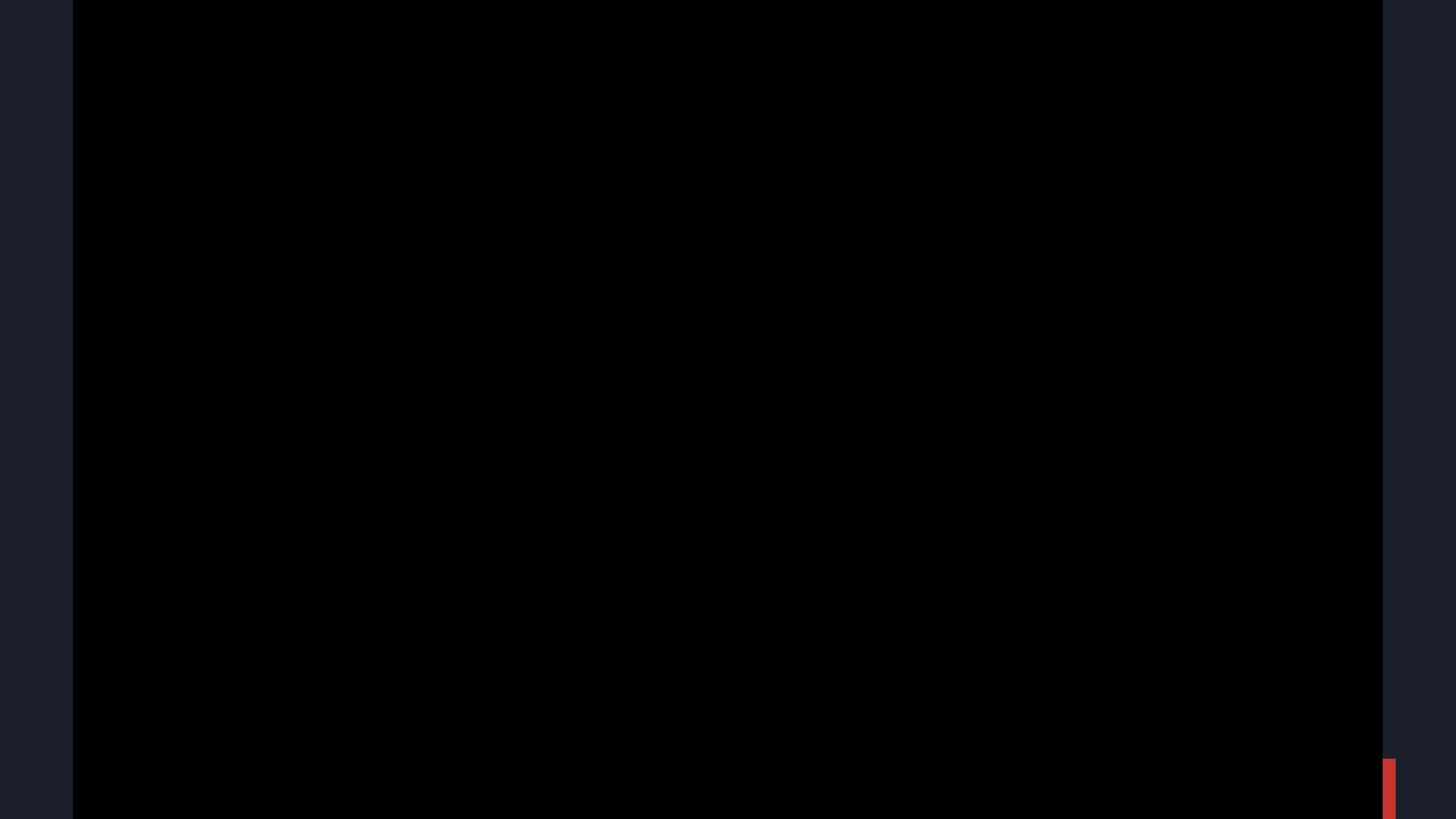
<input type="checkbox"/>	<input type="checkbox"/>	Expense Report Number	Expense Report Type Description	Employee Name	Expense Report Date	Expense Report Description	Report Status	Total Expenses	Employee Reimbursement	Credit Card Reimbursement	Date Submitted	Last Reviewer
<input type="checkbox"/>	<input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

Overview of Receipt to Expense Demo



AI Pricing Agent





AI Vector Search

Based on Quality Certificates of Purchased Items



Doc. Number: * * * Branch/Plant: * * * Vouchered
 Order Number: * OP * Line Number: * * Closed Lines
 Supplier: * * * G/L Date: 09/18/2025
 Item Number: 2010 Display Supplier Item
 Account: * * * Batch: * * *

Records 1 - 11

Rev	Order Numbers	Or Ty	Order Co	Order Suffix	Line Number	2nd Item Number	Prev Qty Vouchered	LotNumber	Quantity Not Vouchered	Trans UOM	Sec Qu
	692 OP	00200	000		1.000	2010		5000 CR-2025-001	5000	EA	
	693 OP	00200	000		1.000	2010		4700 CR-2025-002	4700	EA	
	694 OP	00200	000		1.000	2010		6000 CR-2025-003	6000	EA	
	695 OP	00200	000		1.000	2010		5500 CR-2025-004	5500	EA	
	696 OP	00200	000		1.000	2010		6000 CR-2025-005	6000	EA	
	697 OP	00200	000		1.000	2010		5000 CR-2025-006	5000	EA	
	698 OP	00200	000		1.000	2010		6000 CR-2025-007	6000	EA	
	699 OP	00200	000		1.000	2010		5800 CR-2025-008	5800	EA	
	700 OP	00200	000		1.000	2010		3500 CR-2025-009	3500	EA	

Purchase Order Header

Media Object Viewer



GearTech Solutions - Certificate of Quality
 Document ID: CT-COQ-2025-001-001
 Issue Date: August 1, 2025
 Supplier: GearTech Solutions
 Address: 456 Gear Lane, Chicago, IL 60601, USA
 Contact: quality@geartechsol.com | Phone: (555) 987-6543

- Header Information**
- Customer: HoutyCycles Corporation
 - Purchase Order Number: PO-2025-50001
 - Lot Number: CR-2025-001
 - Manufacture Date: July 28, 2025

Edward
COQ Agent

Hi, I am Agent Edward. I can help you search across Certificate of Quality documents attached to Purchase Order Receipts as media objects.

Can you identify the lots that have measured value of tooth profile height below 8.4 mm or above 8.7 mm?

Based on the provided references, I have reviewed the quality test results for each lot. To identify the lots with a measured value of tooth profile height below 8.4 mm or above 8.7 mm, I have examined the data as follows:

- Lot CR-2023-003: Tooth profile height measured value is 8.95 mm, which is above 8.7 mm.
- Lot CR-2023-002: Tooth profile height measured value is 8.95 mm, which is above 8.7 mm.
- Lot CR-2023-005: Tooth profile height measured value is 8.91 mm, which is above 8.7 mm.
- Lot CR-2023-001: Tooth profile height measured value is 8.28 mm, which is below 8.4 mm.
- Lot CR-2023-004: Tooth profile height measured value is 8.28 mm, which is below 8.4 mm.
- Lot CR-2023-007: Tooth profile height measured value is 8.4 mm, which is not below 8.4 mm but exactly at the threshold.
- Lot CR-2023-008: Tooth profile height measured value is 8.5 mm, which is not below 8.4 mm.
- Lot CR-2023-009: Tooth profile height measured value is 8.3 mm, which is below 8.4 mm.

Therefore, the lots that have a measured value of tooth profile height below 8.4 mm are:

- Lot CR-2023-001 with a measured value of 8.28 mm
- Lot CR-2023-004 with a measured value of 8.28 mm
- Lot CR-2023-009 with a measured value of 8.3 mm

And the lots that have a measured value of tooth profile height above 8.7 mm are:

- Lot CR-2023-003 with a measured value of 8.95 mm
- Lot CR-2023-002 with a measured value of 8.95 mm
- Lot CR-2023-005 with a measured value of 8.91 mm

Please note that the analysis only includes the provided data and does not consider any additional information that may be relevant.

Would you like to view the Citations for this response? Please respond Yes or No.

Now

Announcing JD Edwards EnterpriseOne **Release 25**

June 2025

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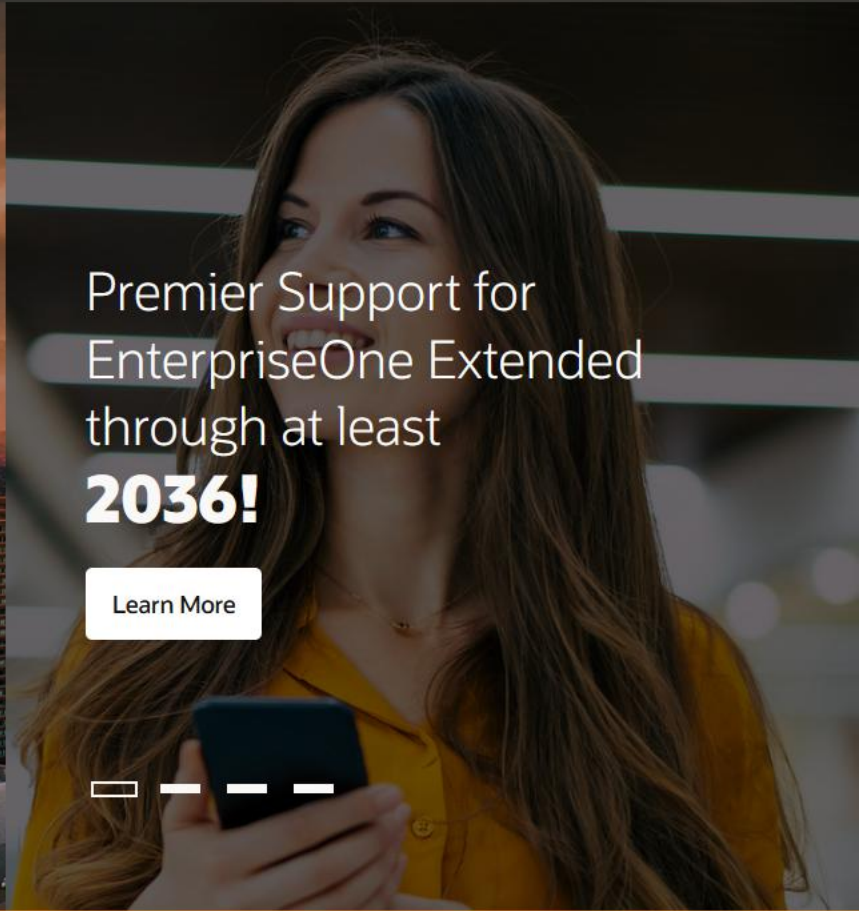


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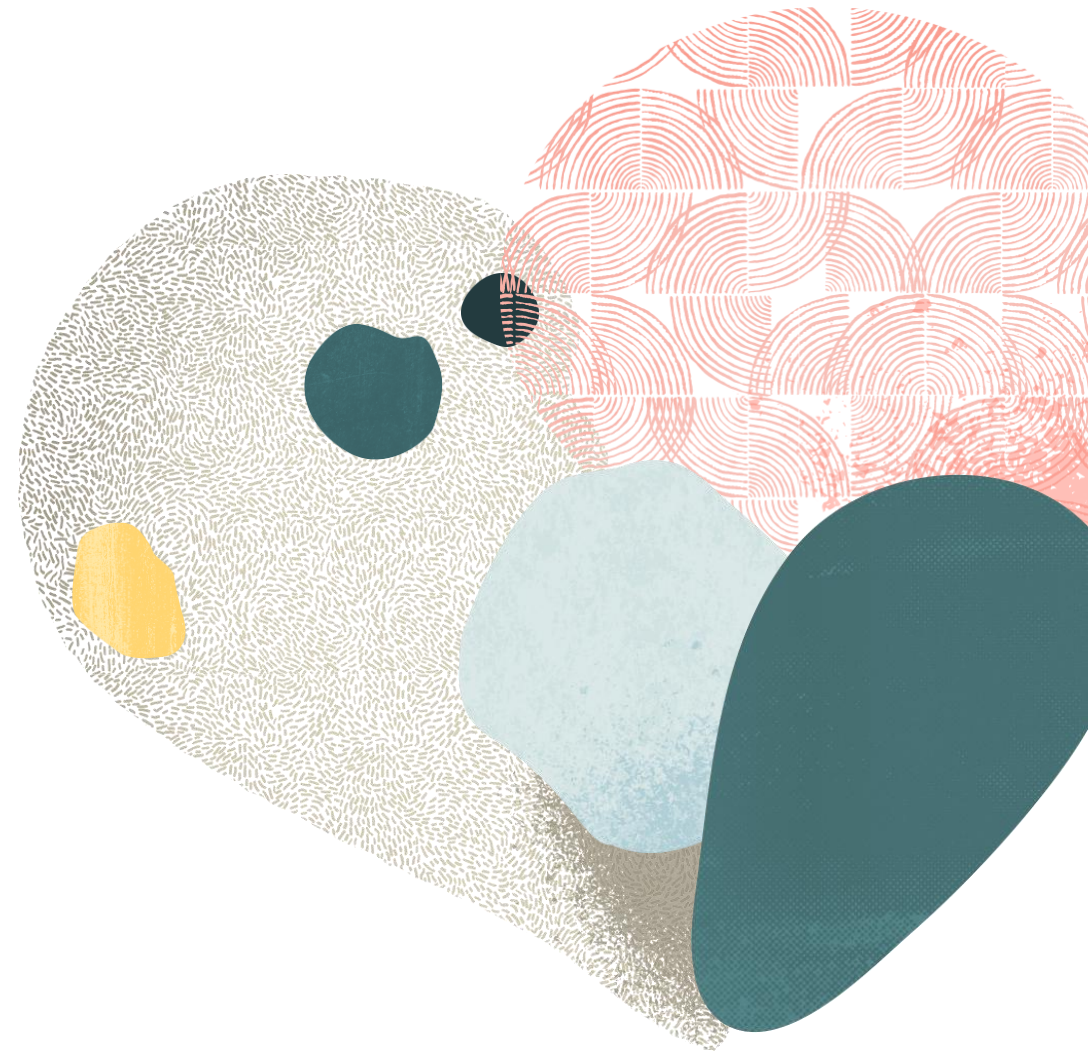
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Together, we will relentlessly
improve and **innovate**.

Together, we will **optimize**
and **transform** how you use
Oracle applications and
technologies.



#JDERocks

