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# PeopleSoft Expenses: New Tools and Frameworks to Support the Needs of Globally Diverse Organizations

Session ID: 102060

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July 17, 2019



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PEOPLESOFT

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# Program Agenda

- 1 ➤ PeopleSoft Overall Investment Strategy
- 2 ➤ Automate
- 3 ➤ Control
- 4 ➤ Optimize
- 5 ➤ Expenses Roadmap

# Program Agenda

- 1 PeopleSoft Overall Investment Strategy
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- 5 Expenses Roadmap

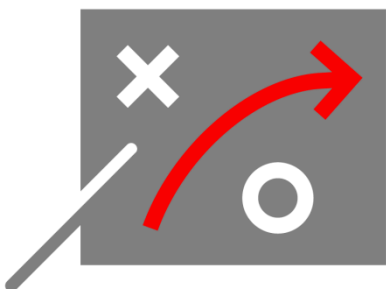


A man with glasses and a denim shirt is gesturing while talking to a woman in a yellow top. They are sitting at a wooden table with several papers featuring charts and graphs. A coffee cup and a smartphone are also on the table. The background is a blurred office environment.

# PeopleSoft Overall Investment Strategy

# PeopleSoft Overall Investment Strategy

Provides the Capabilities to Turn Org

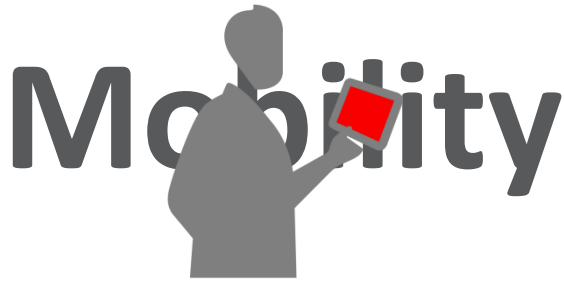


Effectively Execute  
Face of Complexity



Minimize Disrupt  
Your Organization

Needed Capabilities



Analytics

Robust Functionality

Self-Service



Modern User  
Experience

Low Cost Adoption



# PeopleSoft Overall Investment Strategy

*Transform the User Experience*

Challenge: Expanded Connectivity: Any Time, Any Where



- Simplify Transactions
- Use Familiar Device Paradigms
- Empower Employees












# What If I Told You

*We Could Take The Various Expenses Menu Items.....*

Travel and Expense Center

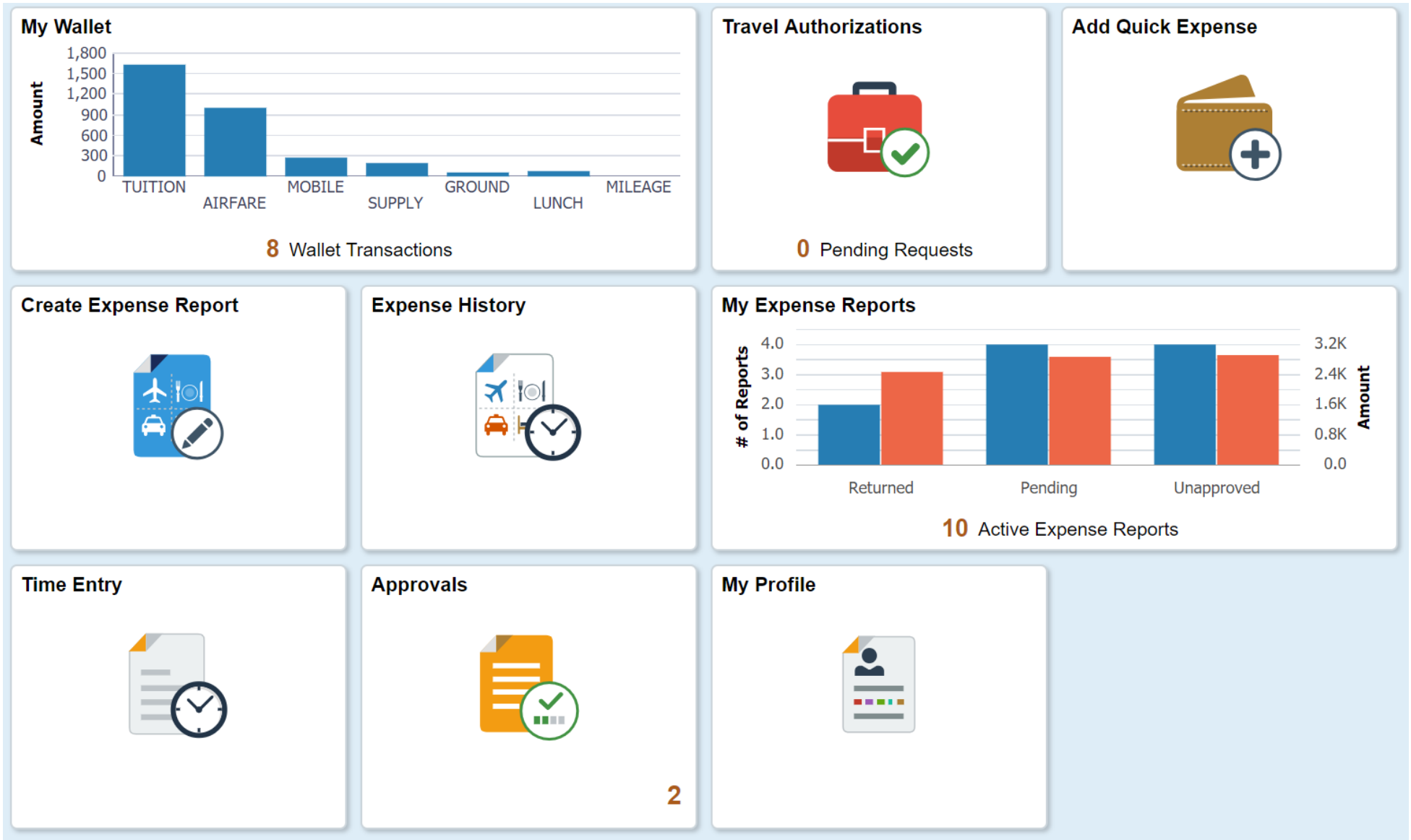
## Travel and Expense Center

Centralized Travel and Expense Center

|   |   |  |
|---|---|--|
|  <b>Expense Report</b><br>Create, modify, print, view or delete an Expense Report <ul style="list-style-type: none"><li>Create/Modify</li><li>Create Express</li><li>Print</li><li>2 More...</li></ul> |  <b>Time Report</b><br>Create, modify, print, view or delete a Time Report <ul style="list-style-type: none"><li>Create/Modify</li><li>Print</li><li>View</li><li>Delete</li></ul>                                       |  <b>Travel Authorization</b><br>Create, modify, print, view or delete a Travel Authorization <ul style="list-style-type: none"><li>Create/Modify</li><li>View</li><li>Delete</li><li>Cancel</li></ul>                               |
|  <b>Cash Advance</b><br>Create, modify, print, view or delete a Cash Advance <ul style="list-style-type: none"><li>Create/Modify</li><li>View</li><li>Delete</li></ul>                                 |  <b>Forecast Time</b><br>Create, modify or view forecast data <ul style="list-style-type: none"><li>Create/Modify Forecast Time</li><li>View Forecasted Time</li></ul>   |  <b>Print Reports</b><br>Print any one of your expense transactions. <ul style="list-style-type: none"><li>Expense Report</li><li>Bar Code Receipt Form</li><li>Time Report</li><li>2 More...</li></ul>                             |
|  <b>Review Payments</b><br>Review history of expense payments <ul style="list-style-type: none"><li>Review Expense History</li><li>Review Payments</li><li>Review Payroll Payments</li></ul>           |  <b>Verify Receipts</b><br>Confirm that receipts have been received and verify receipts match expense report values. <ul style="list-style-type: none"><li>Receipts Received</li><li>Validate Against Expenses</li></ul> |  <b>Other Expense Functions</b><br>You can view contents in My Wallet, create your own template, or modify an existing template. <ul style="list-style-type: none"><li>View My Wallet</li><li>Create/Update User Template</li></ul> |

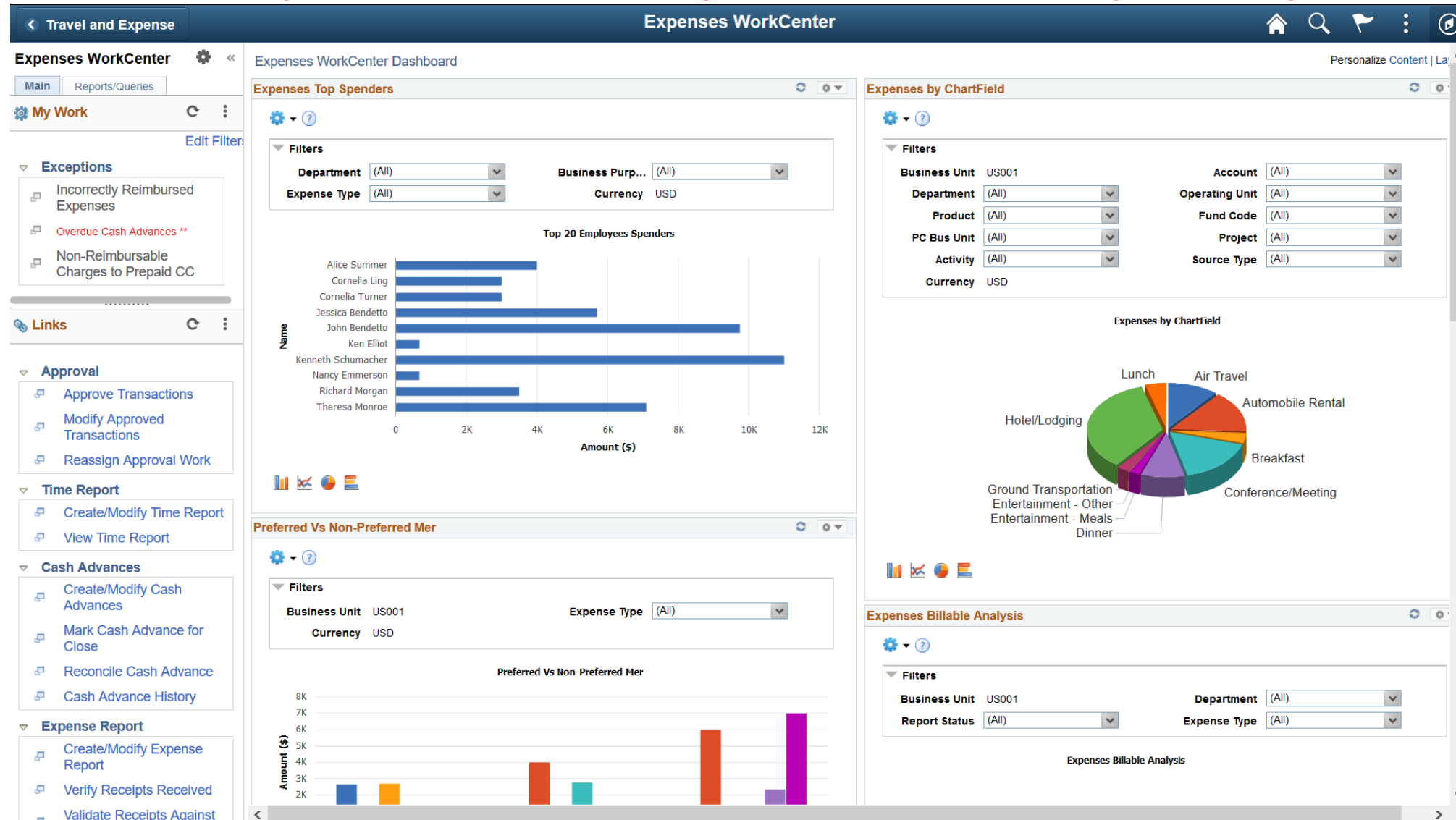
# What If I Told You

*And Convert It Into a “One-Stop” Dashboard For Expense Users*



# What If I Told You

## Need More Capabilities? A “One-Stop” WorkCenter For Expense Department



# We Can!

*The PeopleSoft of Today –Expenses Responsive, Refreshed and Renewed!*



**Simpler and More Intuitive**

&



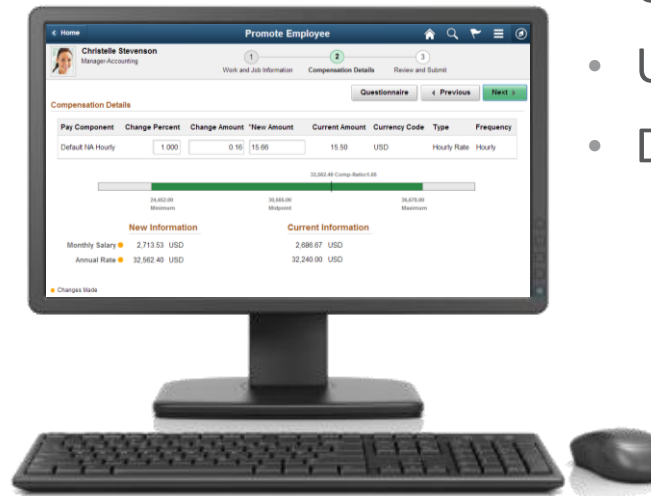
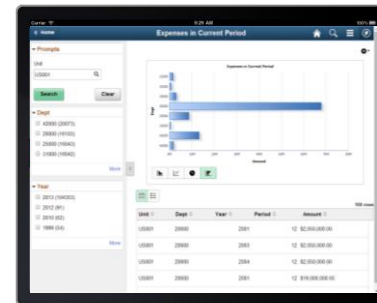
**Optimized Mobile Solutions**

# Solving Both Challenges with One Solution

## *PeopleSoft Fluid User Interface*

### What Is It

- PeopleSoft Mobility on Any Device
- New Online Desktop Experience
- Native Tablet/Phone Experience
- Optimized Across Multiple Form Factors
- HTML5/CSS3 PeopleSoft Pages
- End User Personalization
- Single, Merged Solution Across PeopleSoft



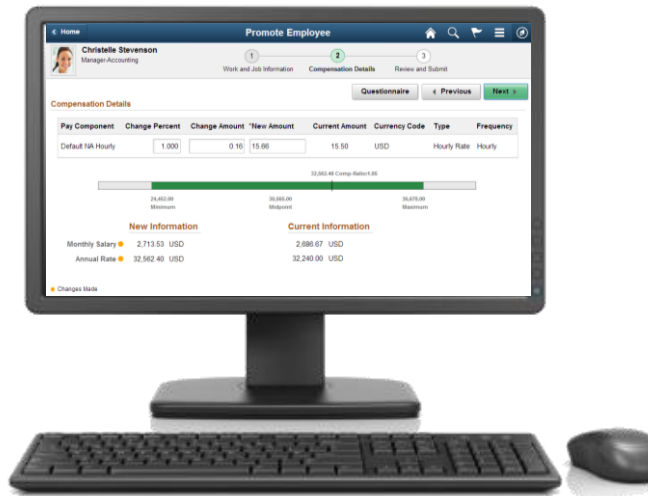
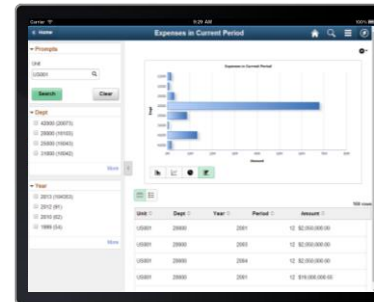
### Why You Care

- Simple and Intuitive to Use
- Lower Training Costs
- Easy to Provision and Deploy
- Seamless User Experience Across Platforms
- Consistency Across PeopleSoft and Oracle
- Uses Existing PeopleSoft Tool Set
- Delight Your PeopleSoft Users

# Solving Both Challenges with One Solution

## *PeopleSoft Fluid User Interface – Customer Successes!*

- ✓ First “live” customer on Fluid Expenses was a US-based Insurance Co – approximately 250+ Expense Reports per month.



- ✓ Largest implementation so far is a world-wide non-for-profit organization with 110,000 Fluid Expenses Users in 140 countries





# PeopleSoft Expenses Update

***We've Been Busy!***

- Enhanced Credit Card Load for Multiple CC's (PI-28)
- Enhanced Fluid Approvals (PI-29 & PI-30)
- Enhanced Risk Visibility During Approval Process (PI-29)
- Data Privacy Framework
- Pivot Grid Thresholds (PI-30, PeopleTools 8.57)
- Change Expense Type on Expense Report for “My Wallet” Transactions (PI-32)
- Audit Report of Expense Type Changes (PI-32)
- Drop Zones on Key Expenses Transactions (PI-32)
- GPS Mileage Calculation Integration (PI-32)



# Program Agenda

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A woman with curly hair is smiling and looking down at a smartphone she is holding with both hands. She is wearing a blue button-down shirt over a dark top. The background is a blurred outdoor setting with warm, golden light, suggesting a sunny day. The word "Automate" is written in white text on the left side of the image.

# Automate

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# Automate

## Twilio Text Messages

Delivered in  
PL-24

The image displays three sequential steps of an expense reporting application on a smartphone interface.

**Step 1: Receipt Scanning**

The first screen shows a receipt from "Bon Apetit Oracle" (5815 Owens Drive, Pleasanton, CA 94588) for 32255 Susana. The receipt details include:

| Item                       | Amount        |
|----------------------------|---------------|
| 1 Indian, Vegetarian       | 5.99          |
| 1 GRL - Extra Meat         | 1.79          |
| 1 Add Avocado              | 0.39          |
| *****                      |               |
| VISA: Credit Authorization | 8.91          |
| VISA                       | \$8.91        |
| *****                      |               |
| Subtotal                   | \$8.17        |
| Tax                        | \$0.74        |
| Payment                    | \$8.91        |
| <b>Change Due</b>          | <b>\$0.00</b> |

The receipt also notes "CHK 1538 MAR 3'15 1:30 PM" and "Check Closed MAR 3'15 1:30 PM". The interface includes a "Cancel" button and a camera icon.

**Step 2: Expense Details**

The second screen displays the "Expense Details" for "Consulting and Demo" (Status: Pending). It shows a total of 1,220.00 USD for 10 items. The items are categorized by date:

| Date             | Category          | Description              | Amount     |
|------------------|-------------------|--------------------------|------------|
| Sat, Feb 7, 2015 | Hotel/Lodging     | Overnight stay in Dallas | 400.00 USD |
|                  | Air Travel        | Flight from SF to Dallas | 150.00 USD |
| Sun, Feb 8, 2015 | Automobile Rental | Three days car rental    | 550.00 USD |

The interface includes a "Review and Submit" button and a camera icon.

**Step 3: Expense Report Attachment**

The third screen shows the "Expense Report Attachment" process. It includes a "Cancel" button, an "Attachment" button, and a "Done" button. A message states: "Adding large attachments can take some time to upload, therefore, it is advisable to use receipt picture using white background or smaller size file." Below this, there is an "Attach Receipt" button and a list of 2 files:










| File Name  | Date/Time            | Owner              |
|------------|----------------------|--------------------|
| image.jpg  | 02/27/2015 6:20:14PM | Kenneth Schumacher |
| image2.jpg | 02/27/2015 6:22:14PM | Kenneth Schumacher |

Each file entry has an "Enter Description" button.

# Automate

## Twilio Text Message Integration with “My Wallet”

Delivered in  
PI-24

|   |  |          |
|---|--|----------|
| John Patterson ✓<br>KU0131<br>Engineering   |  |          |
| Total (5 Items) 2,694.84 USD  |  |          |
| <div><div>+</div><div>+</div><div>+</div><div>+</div></div> <div>AddDeleteFilterMore</div>          |  |          |
| ▼ Tuesday, September 05, 2017   |  |          |
| Training Cost   |  | 1,641.00 |
| PM Training and Cert  |  |          |
|  2 Days Overdue    |  | USD      |
| ▼ Wednesday, August 30, 2017  |  |          |
| Ground Transportation   |  | 51.04    |
|  Cab Service       |  |          |
|  18 Days Overdue   |  | USD      |
| Air Travel  |  | 539.00   |
|  SF Trip           |  |          |
|  18 Days Overdue   |  | USD      |
| ▼ Monday, August 14, 2017   |  |          |
| Lunch   |  | 13.80    |
|  Lunch           |  |          |
|  34 Days Overdue |  | USD      |
| ▼ Sunday, July 16, 2017   |  |          |
| Air Travel  |  | 450.00   |
|  Dallas Fit Gap  |  |          |
|  2 Days Overdue  |  | USD      |

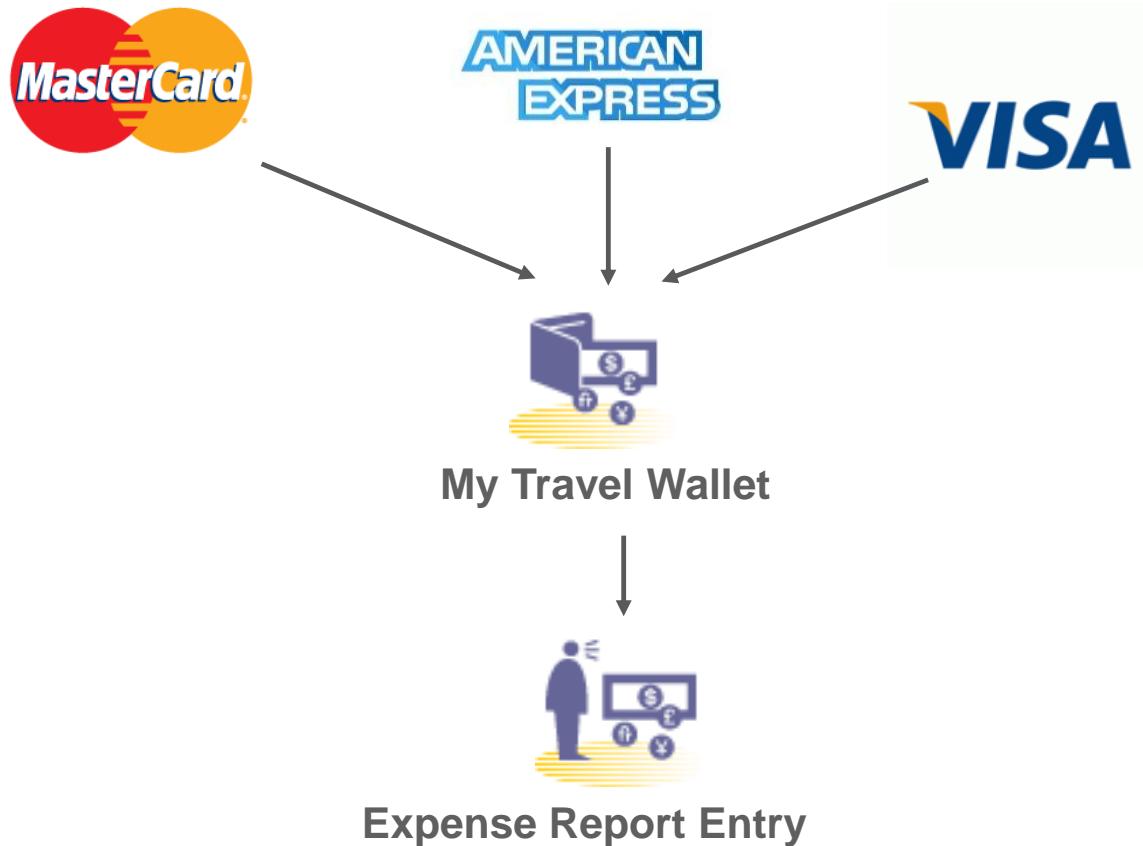
- New source type represented by a new text message image
- Save time (and multiple steps) by eliminating need to log into VPN and/or PeopleSoft to upload expense receipts
- Take a picture of your expense receipts using your phone and send via text message to a central number for your organization
- System identifies user and date/time via incoming text message and phone number
- Attachments are integrated into PeopleSoft Expenses “My Wallet”, allowing user to later add to an expense report
- View Attachments in Fluid Approvals (PI23)

# Automate

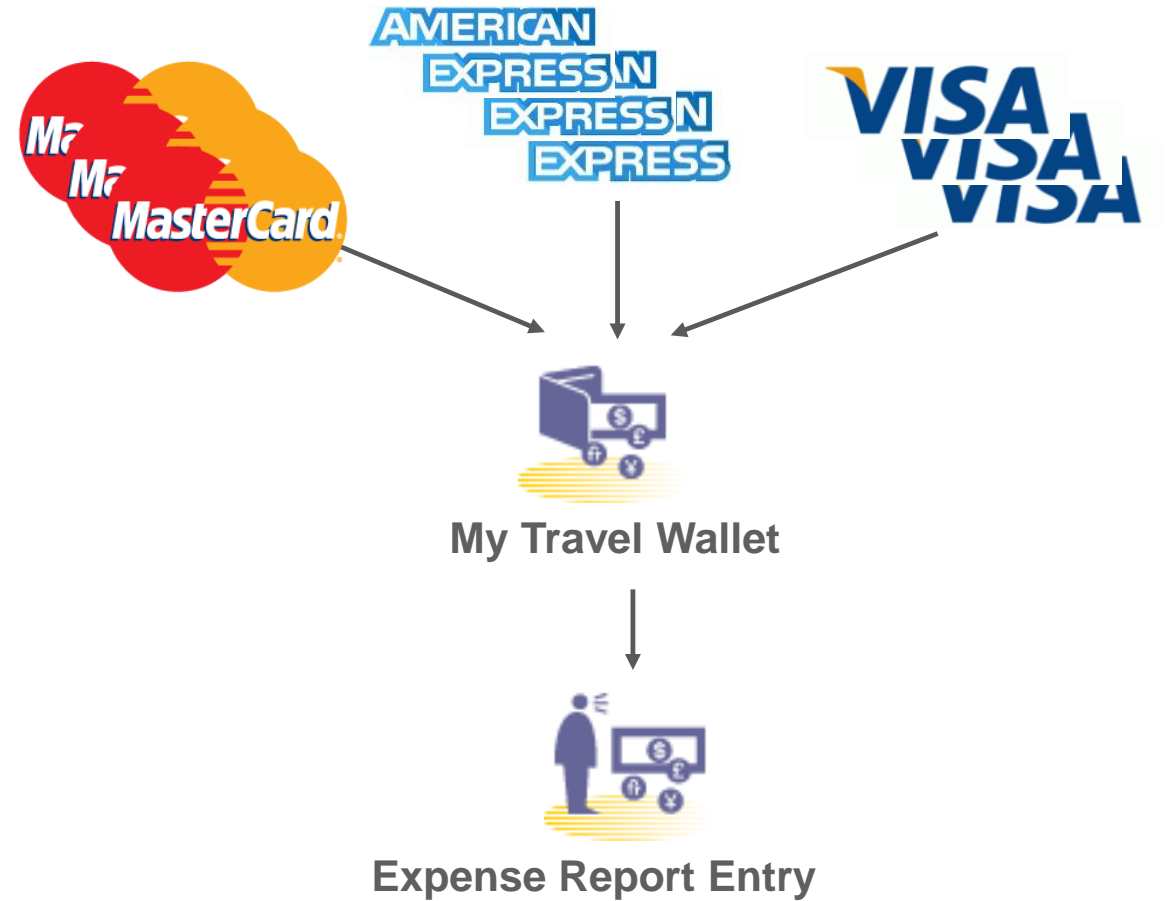
## *Multiple Credit Card Integration - Overview*

Delivered in  
P1-28

### In the Past



### Now Available!





# Automate

## GPS Mileage Integration

- New functionality to assist in mileage policy enforcement
- Utilizes Oracle Maps/eLocation Services (No license required)
- New settings at the Expenses Business Unit indicate whether functionality is implemented \*
- Utilizes other existing Expenses setup for Mileage tracking \*

**Employee Self Service**

Business Unit 1 Business Unit 2 Business Unit Privileges VAT Options Receipts Required

GL Unit US001 US001 NEW YORK OPERATIONS

**Journal Generator Templates**

\*Accruals EXACCRUA Expense Accruals

\*Payments EXPAYMENT Expense Payments

**Distance Rate**

SetID SHARE

Expense Type MILEAGE Mileage

Country USA

1 of 1 View All

\*Effective Date 01/01/1900 Status Active

Distance Type ☐ Kilometers ☒ Miles

Distance Rate Type ☒ Standard Rate ☐ Varied Rate

Standard Distance Rate 0.5400 \*Currency USD

**Varied Distance Rates**

| *Transportation Type | Description | From Distance | Through Distance | *Distance Rate | Rate Adjustment Factor |   |   |
|----------------------|-------------|---------------|------------------|----------------|------------------------|---|---|
|                      |             | 0             | 0                |                |                        | + | - |

Save Return to Search Previous in List Next in List Notify Add Update/Display Include History Correct History

Delivered in  
PL-32

# Automate

## *GPS Mileage Integration*

- Only available on Fluid Expense Report
- New options for calculating mileage between 2 points
- Option to see Map and Directions to confirm mileage calculations \*
- Available on all Form Factors – Phone/Tablet/Desktop or Laptop

Delivered in  
PL-32

**Automobile Mileage - 07/12/2019**

\*Date: 07/12/2019

\*Expense Type: Automobile Mileage

Description:

**Mileage**

**Payment Details**

**Additional Information**

**Map and Route**

Route 1: Estimated time: 12 min  
Distance: 30.3 mi

| Direction   | Distance | Time   |
|---|----------|--------|
| Start from 300 Oracle Pkwy, Redwood City, CA 94065  |          |        |
| Start out on Oracle Pkwy (Going Northwest)          | 0.43 mi  | 1 min  |
| Turn RIGHT onto Marine Pkwy (Going West)            | 21.1 ft  | 4 sec  |
| Stay STRAIGHT to go onto RAMP (Going West)          | 0.34 mi  | 35 sec |
| Stay STRAIGHT to go onto US-101 N (Going Northwest) | 1.7 mi   | 1 min  |
| Stay STRAIGHT to go onto RAMP (Going Northwest)     | 0.47 mi  | 47 sec |
| Stay STRAIGHT to go onto CA-92 E (Going East)       | 13.1 mi  | 12 min |
| Turn SLIGHT LEFT onto Foothill Blvd (Going North)   | 1.4 mi   | 3 min  |
| Turn RIGHT onto A St (Going Northeast)              | 0.72 mi  | 3 min  |
| Turn SLIGHT LEFT onto Redwood Rd (Going North)      | 0.5 mi   | 50 sec |
| Turn RIGHT onto RAMP (Going East)                   | 0.27 mi  | 27 sec |
| Stay STRAIGHT to go onto I-880 E (Going East)       | 10 mi    | 9 min  |
| Stay STRAIGHT to go onto RAMP (Going East)          | 0.27 mi  | 25 sec |
| Turn RIGHT onto Redwood Dr (Going South)            | 0.50 ft  | 18 sec |
| Turn SLIGHT left                                    |          |        |

Accounting 1 >

Personal Expense ☐ No

No Receipt ☐ No

# Automate

## *GPS Mileage Integration*

Delivered in  
PI-32



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# Control



# Control

## Fluid Approvals – Giving Approvers More Visibility Into What They’re Approving

- Existing capability to define Risk thresholds for monitoring Expense Overspend and non-compliance with policies
- Approvals now provide visibility into where Expense Reports have possible violations to Expense policies
  - Per Diem violations
  - Using Non-Preferred vs Preferred Airlines, Hotels, etc
  - Missing Receipts and more....
- Approvers are notified with a flag on the Risk Expense Report
- Drill-down can also show detail of violations
- Visibility of Attendees and Per Diem amounts from Drill-down to Expense Report
- Clarity around action for Approvers to “Send Back”

Existing

[Employee Self Service](#)[Risk Template](#)

Approval Risk Template

SetID SHARE Risk Template ID EXPENSE MANAGER Transaction Type Expense Report

Risk Criteria

Travel Authorization Estimates vs. Expense Report Actuals

☐ Travel Authorization Days < Expense Report Actual Days

☐ Tolerance  Days

☐ Travel Authorization Totals < Expense Report Totals

☐ Tolerance  %

Business Purpose Criteria

Business Purpose

00007

Description

General Travel and Expense

+

-

Expense Type Authorized Amounts

| Expense Type | Description | Authorized Amount        | % Variance              |   |   |
|--------------|-------------|--------------------------|-------------------------|---|---|
| BRKFAST      | Breakfast   | <input type="checkbox"/> | <input type="text"/> 20 | + | - |
| DINNER       | Dinner      | <input type="checkbox"/> | <input type="text"/> 20 | + | - |
| LUNCH        | Lunch       | <input type="checkbox"/> | <input type="text"/> 20 | + | - |




# Control

## Fluid Approvals – Risks and Alerts Visibility

Delivered in  
PI-29




Approvals



19

Employee Self Service

Pending Approvals



View By Type

 All 27

 Cash Advance 3

 Expense Report 8

 Journal Entry 3

 Supplier 4

 Time Adjustment 2

 Time Report 4

 Travel Authorization 3



Approve

Deny

More

Expense Report 8 rows

☐

Expense Report



 3,000.00 USD

John Bendetto - 0000000091 / Off-site Meeting

Routed 08/12/2014 >

☐

Expense Report

 4,100.00 USD

Theresa Monroe - 0000000092 / Annual Software Conference

Routed 08/12/2014 >

☐

Expense Report

 4,700.00 USD

Jessica Bendetto - 0000000093 / Campus Recruiting

Routed 08/12/2014 >

☐

Expense Report

50.00 USD

Kenneth Schumacher - 0000000120 / Consulting and product demo

Routed 01/15/2018 >

☐

Expense Report


 260.00 USD

Kenneth Schumacher - 0000000122 / Consulting and product demo

Routed 01/16/2018 >

☐

Expense Report

 20.00 USD

Kenneth Schumacher - 0000000124 / Consulting and product demo

Routed 01/22/2018 >

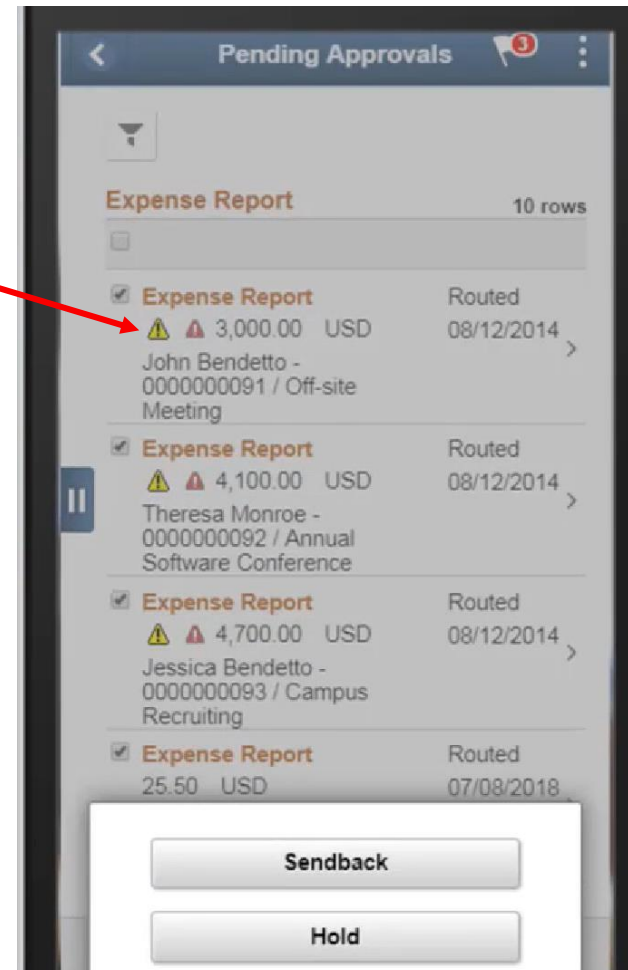
## Fluid Approvals – Risks & Alerts

# Control

## *Fluid Approvals – Risks and Alerts Visibility*

Delivered in  
PI-29

- New indicators show the Approver there's a Risk associated with the Expense Report
- New drill-down allows the Approver to view Risk Level, the Risk Description, the criteria that triggered the Risk, and the details of the Risk.
- New “Sendback” button text replaces the “Pushback” button to make action consistent with what is done in Classic Expense Approvals



# Control

## Fluid Approvals – Risks and Alerts Visibility

Delivered in  
Pl-29

### Expense Report Header

< Pending Approvals

Expense Report

Theresa Monroe

4,100.00 USD

Approve

Deny

More

4 line(s) are pending your approval

Summary

Name

Theresa Monroe

Total Due Employee

4,100.00 USD

Report Description

Annual Software Conference

Business Purpose

User Conference

Location

New York, New York

Report ID

0000000092 Submitted for Approval

Reference

Submission Date

08/12/14

Updated on

08/12/14 - 12:33 PM

Exceptions and Risks

Lines

Pending

All

4 rows

| Select                   | Risk/Exception | Date/Expense Type          | Reimbursement Amount |   |
|--------------------------|----------------|----------------------------|----------------------|---|
| <input type="checkbox"/> |                | 07/07/14 Breakfast         | 600.00 USD           | > |
| <input type="checkbox"/> |                | 07/08/14 Automobile Rental | 1,000.00 USD         | > |
| <input type="checkbox"/> |                | 07/09/14 Hotel/Lodging     | 2,000.00 USD         | > |
| <input type="checkbox"/> |                | 07/10/14 Lunch             | 500.00 USD           | > |



# Control

## Fluid Approvals – Risks and Alerts Visibility

Delivered in  
Pl-29

### Exceptions and Risks

Exception Comments and Risks

Theresa Monroe

Report ID 0000000092

General Information

Report Description Annual Software Conference

Business Purpose User Conference

Reference

Exception Information

| Line | Expense Type      | Exception              | Comment                                       |
|------|-------------------|------------------------|---|
| 1    | Breakfast         | None                   | No exceptions associated with this line.      |
| 2    | Automobile Rental | No Receipt             | Receipt was shredded by accident.             |
| 2    | Automobile Rental | Non-Preferred Merchant | Budget offered the best rates.                |
| 3    | Hotel/Lodging     | No Receipt             | Receipt was shredded by accident              |
| 3    | Hotel/Lodging     | Non-Preferred Merchant | Hotel 6 offered best rates available in area. |
| 4    | Lunch             | Amount Exceeded        |   |
| 4    | Lunch             | No Receipt             | Receipts were shredded by accident.           |

Risk Details

| Line | Risk Level | Risk Description        | Risk Criteria              | Description   |
|------|------------|-------------------------|----------------------------|---|
| 4    |            | Project Manager Level 4 | Expense Type Amount Limits | The amount for Breakfast was over the limits by 100 USD on US001. |
| 3    |            | Project Manager Level 3 | Authorized Amount Exceeded |   |
| 2    |            | Project Manager Level 2 | Non-Preferred Merchant     |   |
| 1    |            | Project Manager Level 1 | No Receipt Included        |   |

# Control

## Fluid Approvals – View Attendees and Per Diems w/Drill-Down

Delivered in  
PI-29

Back to Header

Approval Line Detail

Dinner

30.98 USD

Line Detail

Transaction Date

05/03/18

Expense Type

Dinner

Description

Conference - Future of Finance

Billing Action

Internal

Payment Method

Cash

Merchant

Location

Minneapolis, Minnesota

Personal Expense

N

Receipt Verified

N

Additional Information

View Attachments

View Accounting

Attendees

Attendees

Date

05/03/2018

Expense Type

Dinner

Amount

30.98 USD

Attendees

Name

Company

Patterson,John

US001 NEW YORK OPERATIONS



# Control

## Receipts Required Configuration - Refinement Rules

Delivered in  
PI-10

Business Unit 1 Business Unit 2 Business Unit Privileges VAT Options Receipts Required

GL Unit US004 US004 ILLINOIS OPERATIONS

**Receipts Configuration**

Receipt Required  Minimum Receipt Amount  USD

**No Receipt Default Comment**

☒ Comments Required

**Exceptions** Personalize | Find | View All | First 1-6 of 6 Last

Attributes No Receipt Comments

|   | *Expense Type           | *Payment Type | *Receipt Required  | Minimum Receipt Amount |     |  |  |
|---|-------------------------|---------------|--------------------|------------------------|-----|--|--|
| 1 | Air Travel              | (All Values)  | Yes Except CC Fees | 0.00                   | USD |  |  |
| 2 | Entertainment - Other   | (All Values)  | Always             | 0.00                   | USD |  |  |
| 3 | Automobile Mileage      | (All Values)  | Never              | 0.00                   | USD |  |  |
| 4 | Miscellaneous Charges   | Cash          | Always             | 5.00                   | USD |  |  |
| 5 | Per Diem - Hourly Range | (All Values)  | Never              | 0.00                   | USD |  |  |
| 6 | Spouse Airfare          | (All Values)  | Always             | 0.00                   | USD |  |  |

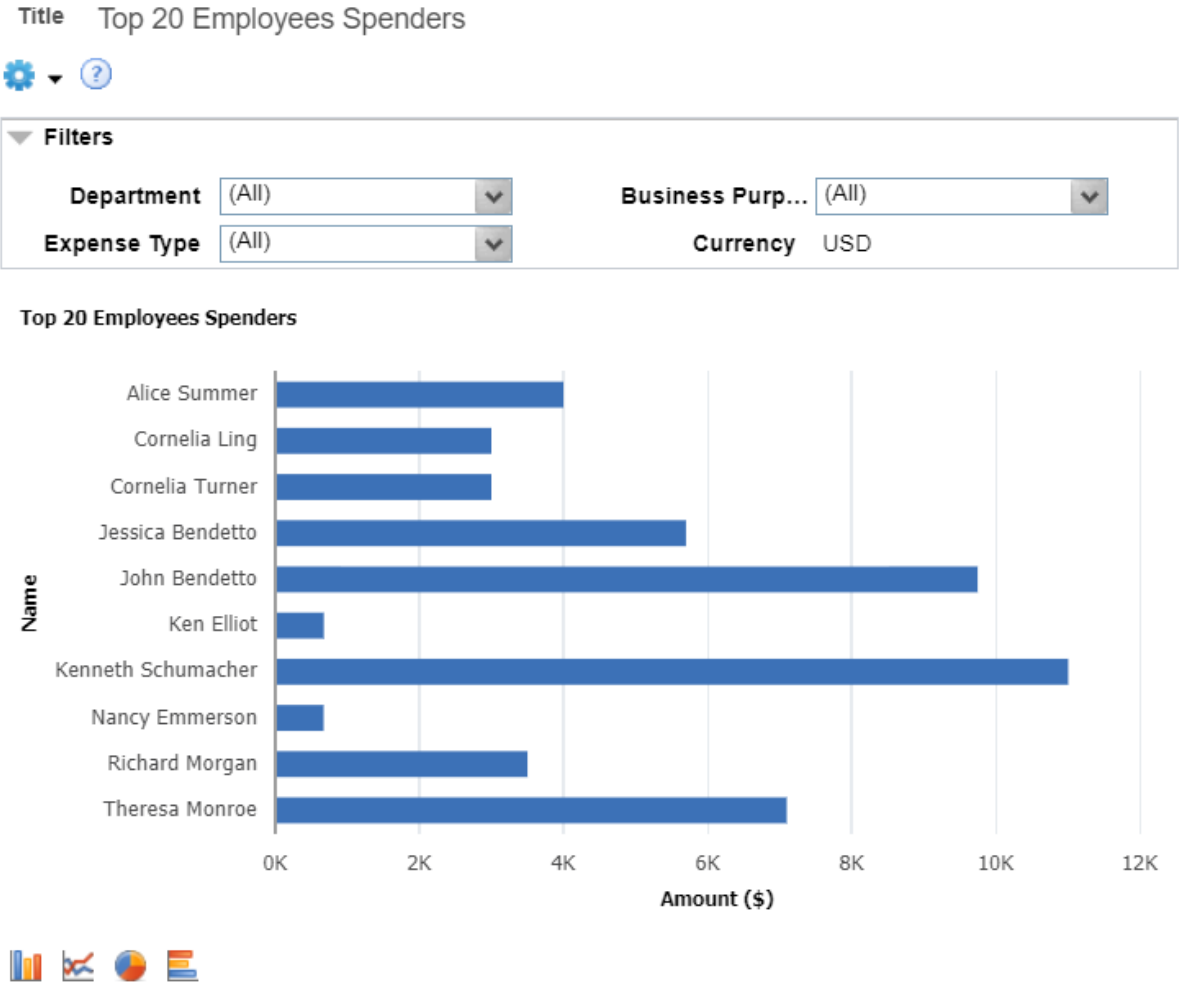
- Establish rules for when receipts (or comments) are required
- Override capability down to expense type and payment type
- Default no receipt comments
- Printed expense report has a grid to indicate to the user which receipts are needed



# Control

## Pivot Grid Thresholds

Before



# Control

## Pivot Grid Thresholds

### Setup

Delivered in  
PT 8.57 & PI-30

Pivot Grid Wizard

1 2 3 4 5

Specify Data Model Options

Specify the values for the Display and View Options for the Pivot Grid and Chart.

Title Top 20 Employees Spenders

**View Options**

**Default View**

☐ Pivot Grid Only ☒ Chart Only

**Specify Axis Information**

|   | Data Source Columns | Field Format  | Grid Axis | Chart Axis |
|---|---------------------|---------------|-----------|------------|
| 1 | Name                | String        | Row       | X-Axis     |
| 2 | Department          | String        | Filter    | Filter     |
| 3 | Business Purpose    | String        | Filter    | Filter     |
| 4 | Expense Type        | String        | Filter    | Filter     |
| 5 | Amount              | Signed Number | Column    | Y-Axis     |
| 6 | Currency            | String        | Filter    | Filter     |

Configure Thresholds

Help

**Data Source Column** Amount

**Threshold Type** Range

**Lower Limit** 7800 **Higher Limit** 8000

**Threshold Color** Red

**Threshold Description** Need to take action

OK Cancel

Return

# Control

## Pivot Grid Thresholds

Delivered in  
PT 8.57 & PI-30

After



Notify Manager

\*To vicki.zinn@co.com

CC

BCC

\*Subject Top Spenders - Threshold Exceeded

Message Please investigate these top spenders

Send Email

# Control

## Data Privacy Framework

Delivered in  
PL-29

Employee Self Service

Maintain Data Privacy Settings

Home

Search

6

More

Refresh

Filters

Product

Expenses

Record

Field

Category

Classification

Personal Identifier

All

Sensitive

All

Delivered

All

Search

Clear

Maintain Data Privacy Settings

Manage References

Save

Reference Last Run Details

+ Add

| Record Name/ Description      | Field/ Default Label | Category          | Classification | Personal Identifier |
|-------------------------------|----------------------|-------------------|----------------|---------------------|
| CC_CARD_DATA_EX               | EMPLID               | Person Identifier | Person Number  |                     |
| Cardholder - Credit Card Info | Empl ID              |                   |                |                     |
| EX_AATM_TRAN_VW               | EMPLID               | Person Identifier | Person Number  |                     |
| Employee ATM Transactions     | Empl ID              |                   |                |                     |
| EX_AA_EE_ORG_VW               | EMPLID               | Person Identifier | Person Number  |                     |
| Employee Default Profile Vw   | Empl ID              |                   |                |                     |
| EX_ACRM_SRCH_VW               | EMPLID               | Person Identifier | Person Number  |                     |
| Accounting Line Sheet Srch Vw | Empl ID              |                   |                |                     |
| EX_ACTN_RJCT_VW               | EMPLID               | Person Identifier | Person Number  |                     |

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42

# Control

## Change The Expense Type on The Expense Report

Delivered in  
PL-32

- New functionality to allow changing the Expense Type when credit card charges come from “My Wallet” transactions
- Delivered “turned off”, must set a Business Unit option \*
  - Enable Expense Type changes
  - Require a Reason Code for Change
- If Expense Type Changes are allowed, users may enter a different Expense Type than what is indicated from the entry imported from “My Wallet”
- If Reason Code is required, window opens to allow User to enter a reason for change. \*
- Changes to the “My Wallet” dates are allowed
- Changes are written to an Audit table for “Before” and “After” comparisons and reporting.

The screenshot displays the Oracle Expense Management interface. At the top, there are tabs for 'Expenses Options' and 'Expenses Definition'. Below these, there are sections for 'Business Unit 1', 'Business Unit 2', 'Business Unit Privileges', 'YAT Options', and 'Receipts Required'. The 'Default Information' section includes fields for 'Base Currency' (USD), 'Country' (USA), 'Template' (STANDARD), and a checkbox for 'Enable India GST'. The 'Advance Options' section includes a checkbox for 'Allow Advance' and a field for 'Max Advance Amount for BU' (10,000.00 USD). The 'Twilio Integration' section includes a checkbox for 'Text Message'. The main area shows 'My Expense Reports' with a list of reports. A dialog box titled 'Expense Type Explanation' is open, showing a message: 'The expense type of a transaction from my wallet was changed from Meals and Incidental Expenses to Dinner. Please provide an explanation as to why.' The dialog box has a 'Reason Code' dropdown menu with options: 'Dinner With Customers', 'Change Expense Type for My Wallet Entry', 'Dinner for Employee(s)', and 'Dinner for Internal Meeting'. The 'Dinner With Customers' option is selected. The dialog box also has 'Cancel' and 'OK' buttons.

# Control

## Expense Type Changes – Audit Report

Delivered in  
PL-32

- If you are allowing Expense Type Changes, those changes are written to an audit table
- Written even if no Reason For Change is required
- Shows last current and “new” values
- Data is stored for customers to create their own Query and series of reports

### Sample Report from Audit Table

| Expense Report ID | Line Number | Field Name   | Seq No | Operator ID | Name        | Current Value | Current Value Descr | Original Value | Original Value Descr | Reason Code | Date/Time             | More.... |
|-------------------|-------------|--------------|--------|-------------|-------------|---------------|---------------------|----------------|----------------------|-------------|-----------------------|----------|
| 0000023           | 1           | Expense Type | 1      | CROTH       | Calvin Roth | DINCUST       | Dinner w/Customer   | MISC           | Misc. Meal           | UPDATE      | Feb 20 – 2019 11:00AM | XXXX     |
|                   |             |              |        |             |             |               |                     |                |                      |             |                       |          |



# Program Agenda

- 1 PeopleSoft Overall Investment Strategy
- 2 Automate
- 3 Control
- 4 Optimize
- 5 Expenses Roadmap

# Optimize

# Optimize

## *Drop Zones on Key Expenses Pages*

### How Are Customers Trying to Modify PeopleSoft?

#### Why Customers Have Historically Customized



Custom pages, requests, and processes that are currently outside of PeopleSoft.

**Forms & Approval Builder**



Change the appearance (i.e. label) or behavior (e.g. hide) of delivered fields on a page.

**Page & Field Configurator**



Extend and/or modify delivered business logic to provide custom processing.

**Event Mapping**



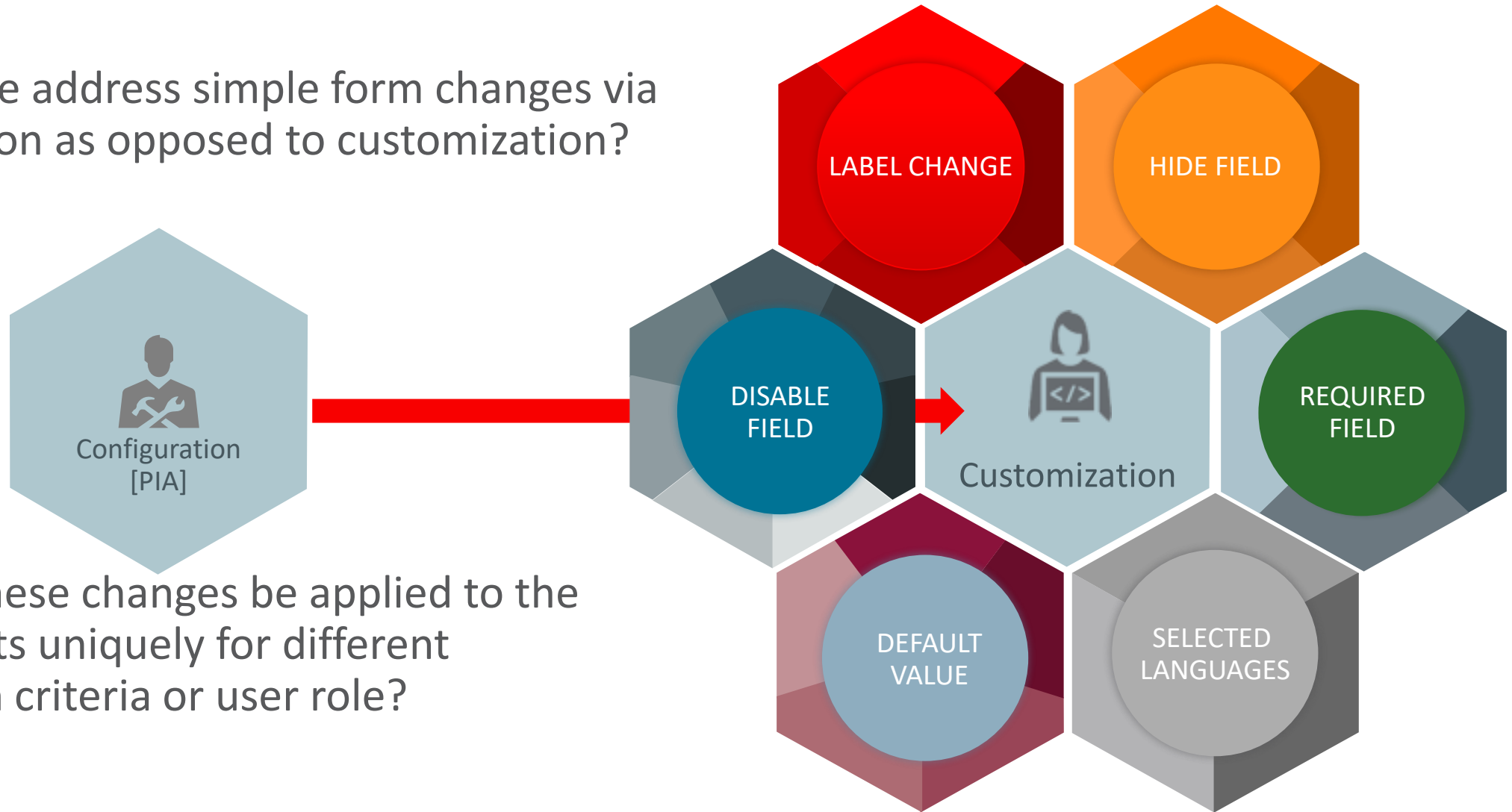
Add new fields to delivered pages to capture additional data for future processing.

**Drop Zones**

# Optimize

## *Page and Field Configurator*

- How can we address simple form changes via configuration as opposed to customization?



- How can these changes be applied to the components uniquely for different transaction criteria or user role?

# Optimize

## *Page and Field Configurator*

### Before Applying the Update

Employee Data | Organizational Data | **User Defaults** | Bank Accounts | Corporate Card Information

John Patterson

**Default Creation Method**

\*Expense Report: Open a Blank Report  
\*Time Report: Open a Blank Report  
\*Travel Authorization: Open a Blank Authorization

**Expense Defaults**

Report Description:   
Business Purpose:   
Originating Location:   
Expense Location:   
Transportation ID:   
Accounting Detail Default View: Collapsed

Per Diem Range:   
Billing Type:   
**Payment Type: AMX** (highlighted with a red arrow)  
Credit Card:   
Number of Nights:

**Expense Type Defaults** | Personalize | Find | 1 of 1 | Last

| *Expense Type        | Payment Type         | Billing Type         |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

**Project Defaults for Expenses** | Personalize | Find | View All | 1 of 1 | Last

| Enabled                  | PC Business Unit     | Project              | Description          | Activity             | Description          | Source Type          | Category             |
|--------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="checkbox"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

- Modify User Defaults
- Limit use of defaults for end users
- Disable the Payment Type selection
- Would like their end users to consciously select a payment type when they create an expense report

# Optimize

## *Page and Field Configurator*

### After Applying the Update

Employee Data | Organizational Data | **User Defaults** | Bank Accounts | Corporate Card Information

**John Patterson**

**Default Creation Method**

\*Expense Report

\*Time Report

\*Travel Authorization

**Expense Defaults**

Report Description

Business Purpose

Originating Location

Expense Location

Transportation ID

Accounting Detail Default View

Per Diem Range

Billing Type

**Payment Type**

Credit Card

Number of Nights

**Expense Type Defaults** Personalize | Find | 1 of 1 | First | Last

Expense Type | Merchant

| *Expense Type        | Payment Type         | Billing Type         |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

- Disable a field
- Other Possibilities:
  - Specify a default value
  - Hide fields
  - Hide entire pages within a component
  - Modify labels
  - Change labels for selected languages (multi-lingual environment)



# Optimize

## Page and Field Configurator

### Behind the Scenes

Page Configuration | **User List** | Map to Portal Registry

Component Name EX\_EE\_PROFILE2 Market Global

\*Description Expenses Profile \*Status Active

Validate Configuration

**Criteria** Find | View All First 1 of 1 Last

Sequence Number 1 Description

Criteria

No Criteria Defined.

Define Criteria Copy Criteria From

User List

Configure Field Properties ? Personalize | Find | View All | First 1 of 1 Last

| Select | Field Name  | Label Text   | Modify Label             | Hide Field               | Disable Entry                       | Required Field           | Default Value |
|--------|-------------|--------------|--------------------------|--------------------------|-------------------------------------|--------------------------|---------------|
| 1      | EXPEND_MTHD | Payment Type | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |               |

Copy Field Properties From

Configure Page Visibility ? Personalize | Find | View All | First 1 of 1 Last

| *Page Name | Visible | Display Only             |
|------------|---------|--------------------------|
| 1          | No      | <input type="checkbox"/> |

- Identify criteria for applying the page changes

- Multiple configurations to the same component based on user /role

Page Configuration | **User List** | Map to Portal Registry

Component Name EX\_EE\_PROFILE2 Market Global

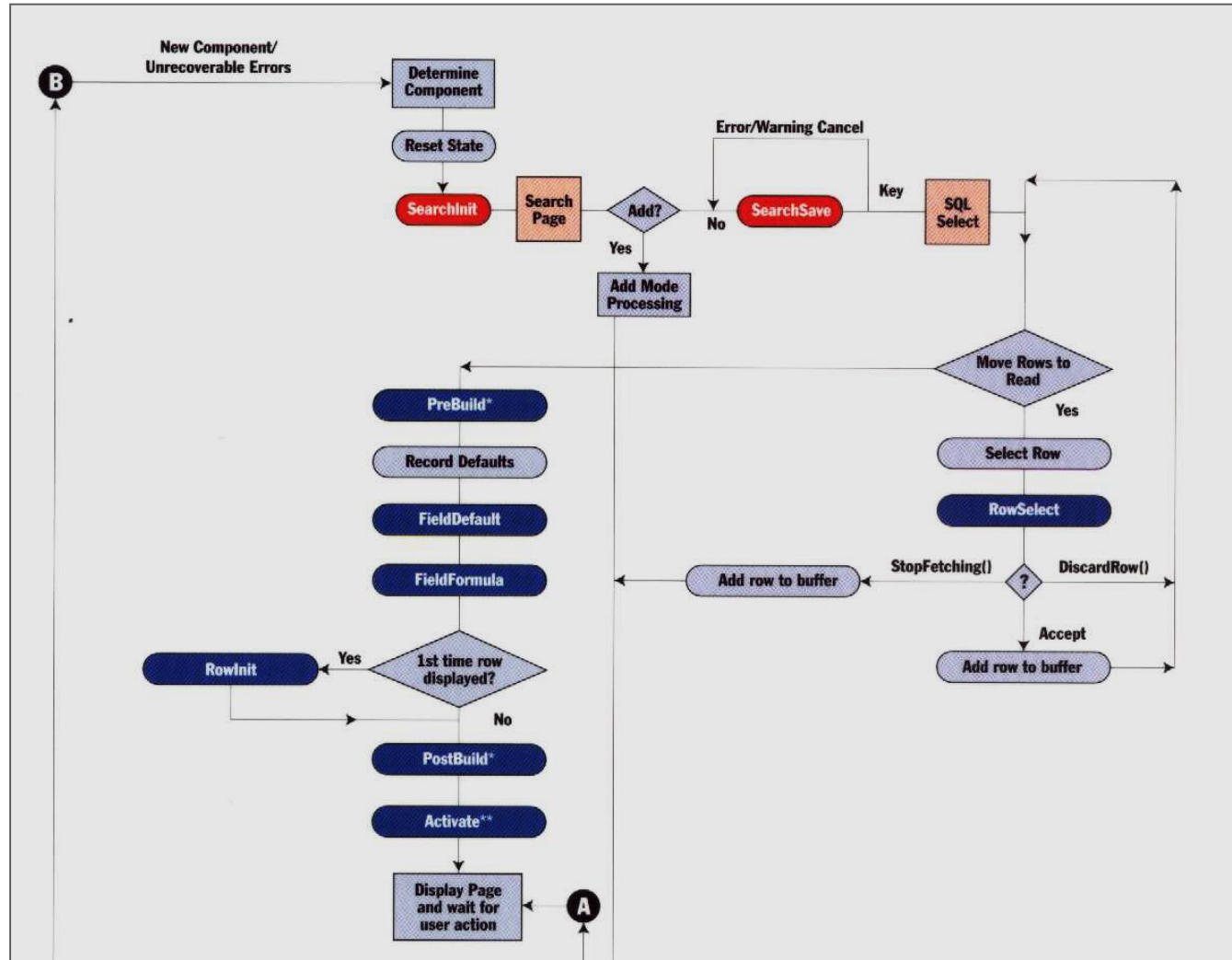
Level Header Level

AppliesTo All Users With Exceptions

**Excluded Users** Personalize | Find | View All | First 1 of 1 Last

| User ID | User Description |
|---------|------------------|
| 1 DVP1  | Smith, Jane      |

# Optimize Event Mapping



Application Designer - Untitled - [LOCATION\_TBL LOCATION SavePostChange (Record PeopleCode)]

```

LOCATION (field) SavePostChange

Local Message <MSG>;
Local Rowset <RSO>, <RSO1>, <RS11>;
Local Row <R1>;
PanelGroup string <PubModeName>;
PanelGroup boolean <ActionCodeRowAdd>;

If ActiveRowCount() = CurrentRowNumber() Then
  <MSG> = CreateMessage(Message.LOCATION_SYNC);

  If <MSG>.IsActive Then

    /* If the program is called by a Component Interface, then flush the extra row (Created by Component Create(), CopySetupRowset on
    Component Interface "LOCATION".) from panel buffer.*/
    /*******

    If ((ComponentName = Component.LOCATION) And
    (<ActionCodeRowAdd> = True)) Then

      <RSO> = GetLevel0();
      <RSO1> = CreateRowset(<RSO>);
      <RSO>.CopyTo(<RSO1>);
      <RS11> = <RSO1>(1).GetRowset(Scroll.LOCATION_TBL);
      <RS11>.Flush();

      <R1> = <RSO>(1).GetRowset(Scroll.LOCATION_TBL).GetRow(1);
      <R1>.CopyTo(<RS11>.GetRow(1));

      <RSO1>.CopyTo(<RSO>);

    End-If;
    /*******

    <MSG>.CopyRowsetDelta(GetLevel0()(1).GetRowset(Scroll.LOCATION_TBL));

    /* prevent circular publishes, do not publish back to originating node */
    If All(<PubModeName>) Then
      <MSG>.ToNotPubToModeName = <PubModeName>;
    End-If;

    <MSG>.Publish();

  End-If;
End-If;
Ready
  
```

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**PEOPLESFT**  
**Delivered  
Code**

```

<state> = IS_REG_WRK.IS_SLNO.Value;
<fullname> = IS_REG_WRK.IS_DESC.Value;
<city> = IS_REG_WRK.CITY.Value;
<FLDNAME> = "IS_STATE";
<FLD> = GetRecord(Record.IS_EMP_TBL).GetField(Field.IS_STATE);

SQLExec("Select IS_STATE FROM PS_IS_REGION_TBL WHERE IS_STATE = :1", <state>, <st>);

If <st> <> <state> Then
  SQLExec("SELECT MAX(SYNNID) FROM PS_LATITEM WHERE FIELDNAME = 'IS_STATE'");
  <SYNNID> = <SYNNID> + 1;
  SQLExec("insert into PSXLATITEM values('IS_STATE',:1,:2,'A',:3,:4,:5,'PS',:6)", <state>,
  <Datetime>, <fullname>, <state>, <Datetime>, <SYNNID>);

End-If;
SQLExec("Insert into PS_IS_REGION_TBL (IS_STATE, IS_DESC, IS_CITY, IS_SLNO) values(:1,:2)", <state>, <city>);
<FLD1> = GetRecord(Record.IS_EMP_TBL).GetField(Field.IS_STATE);
<recl> = CreateRecord(Record.PSXLATITEM);
<Sql1> = CreateSQL("SELECT * FROM PSXLATITEM WHERE FIELDNAME = 'IS_STATE'");
<FLD1>.ClearDropDownList();
While <Sql1>.Fetch(<recl>);
  <CodeIn> = <recl>.FIELDVALUE.Value;
  <DescIn> = <recl>.XLATLONGNAME.Value;
  <FLD1>.AddDropDownItem(<CodeIn>, <DescIn>);
End-While;
  
```

**Your Custom  
Code**

# Optimize

## Drop Zones on Key Expenses Pages – Current Page w/No Drop Zones

Delivered in  
PI-32

Expenses

My Expense Reports

Home Search Menu

Kenneth Schumacher

KU0042

Engineering

Returned0

Not Submitted5

Awaiting Approval5

Pending Payment1

View All11

Not Submitted

5 rows

Create Expense Report

| Actions | Description                 | Business Purpose           | Report ID  | Updated Date | Amount   |   |
|---------|-----------------------------|----------------------------|------------|--------------|----------|---|
| ✓       | Consulting and product demo | General Travel and Expense | 0000000140 | 08/16/2018   | 0.00 USD | > |
| ✓       | Consulting and product demo | General Travel and Expense | 0000000138 | 08/03/2018   | 0.00 USD | > |
| ✓       | Training                    | Customer Visit             | 0000000068 | 04/10/2012   | 0.000    | > |
| ✓       | Meeting costs               | Off-site Meeting           | 0000000063 | 04/10/2012   | 0.000    | > |
| ✓       | Training                    | Customer Visit             | 0000000050 | 04/10/2012   | 0.000    | > |

# Optimize

## Drop Zones on Key Expenses Pages – Drop Zone Top and Bottom of Page

Delivered in  
Pl-32

My Expense Reports

Kenneth Schumacher  
KU0042  
Engineering

Returned0

Not Submitted6

Awaiting Approval6

Pending Payment1

View All13

Page NameEX\_EXP\_LIST\_FL

Description

This is the top drop zone of page EX\_EXP\_LIST\_FL.

Not Submitted

Create Expense Report

| Actions | Description                 | Business Purpose           | Report ID  | Updated Date | Amount   |
|---------|-----------------------------|----------------------------|------------|--------------|----------|
| ✓       | Consulting and product demo | General Travel and Expense | 0000000142 | 01/29/2019   | 0.00 USD |
| ✓       | Consulting and product demo | General Travel and Expense | 0000000140 | 08/16/2018   | 0.00 USD |
| ✓       | Consulting and product demo | General Travel and Expense | 0000000138 | 08/03/2018   | 0.00 USD |
| ✓       | Training                    | Customer Visit             | 0000000068 | 04/10/2012   | 0.000    |
| ✓       | Meeting costs               | Off-site Meeting           | 0000000063 | 04/10/2012   | 0.000    |
| ✓       | Training                    | Customer Visit             | 0000000050 | 04/10/2012   | 0.000    |

SubpageDZ\_BOTTOM\_SBP

Description

This is the bottom drop zone of page EX\_EXP\_LIST\_FL.

# Program Agenda

- 1 PeopleSoft Overall Investment Strategy
- 2 Automate
- 3 Control
- 4 Optimize
- 5 Expenses Roadmap

# Get Connected and Stay Informed

## Be Heard! PeopleSoft Community Ideas

- Submit enhancement requests
- Vote on submissions
- Share information and best practices
- Ask the community questions
- On My Oracle Support

My Oracle Support Community (MOSC)

Space List

All Places > My Oracle Support Community > PeopleSoft (MOSC)

PeopleSoft (MOSC)

OverviewContentPeopleSubspaces

SPACES YOU FOLLOW

Spaces

Find Space

PEOPLESOFT SPACES

Accounts Payable & Cash Management - PSFT (MOSC)

Advanced Benefits - PSFT (MOSC)

Asset Lifecycle Management (ALM) - PSFT (MOSC)

Campus Solutions - PSFT (MOSC)

CRM - PSFT (MOSC)

Enterprise Performance Management - PSFT (MOSC)

Expenses & Resource Management - PSFT (MOSC)

General Ledger - PSFT (MOSC)

Global Payroll & Absence Management - PSFT (MOSC)

Grants, Contracts, & Projects - PSFT (MOSC)

Human Resources & ELM - PSFT (MOSC)

Lifecycle Management (MOSC)

Patch Reviews - PSFT (MOSC)

Spotlight

Visit our Communities

Bring On The IDEAS

Connect.....  
Collaborate.....  
Co-Innovate!!!

We have launched a new initiative to capture Enhancement Requests in My Oracle Support Community for Oracle PeopleSoft products. This new process comes in an effort to be more transparent with product improvement ideas and to build a closer, collaborative environment with the PeopleSoft Customer Base.

For complete details, see [FAQ Document 2048019.1](#)

Welcome to the PeopleSoft Community Spaces on My Oracle Support. Oracle's PeopleSoft applications are designed to address the most complex business requirements. They provide comprehensive business and industry solutions, enabling organizations to increase productivity, accelerate business performance, and provide a lower cost of ownership.

**Quick Links**

- PeopleSoft Cumulative Feature Overview Tool (CFO Tool)
- PeopleSoft Update Manager Homepage (in My Oracle Support)
- PeopleSoft Online Documentation (HTML)
- PeopleSoft Video Channel (VFOs and PeopleSoft Talks)

POPULAR CONTENT

Patch 22522470: PeopleSoft HCM 9.2 for Generic Platform - PEOPLESFT HCM UPDATE IMAGE 9.2.016 - VIRTUAL BOX

2 weeks ago

by system

Patch 22524316: PeopleSoft FMS 9.2 for Generic Platform - PEOPLESFT FSCM UPDATE IMAGE 9.2.017 - VIRTUAL BOX

4 weeks ago

by system

Upgrading to PeopleTools 8.54 (Tools Only Upgrade)

2 months ago

by CarlaG-Oracle

Another ACA Round Table scheduled 03/23/16 11:00 AM (PT)

4 hours ago

by Kristen Emery-Oracle

ADVISOR WEBCAST: PeopleSoft HCM Updates for the Affordable Care Act on February 17, 2016

1 month ago

by Tracylavelle -Oracle

Patch 19905809: PeopleSoft HCM 9.1 for Generic Platform - HRMS 9.1 BUNDLE #21

by system

Calendar

< Feb 16MAR 16Apr 16 >

Thursday, Mar 3

10:00 PeopleTools 8.55 Query & Process Scheduler New Features

Sunday, Mar 6

HEUG Alliance Conference

Monday, Mar 7

HEUG Alliance Conference

Tuesday, Mar 8

HEUG Alliance Conference

Wednesday, Mar 9

HEUG Alliance Conference

VIEW BLOGS

2016 FMS Maintenance Schedule has been Released! in PeopleSoft Enterprise Support B

Changes introduced with the HCM 9.1 to 9.2 Image 16 Upgrade process in PeopleSoft Enterprise Support B

Oracle Support Delivery Cloud (OSDC): Changes Coming in PeopleSoft Enterprise Support B

TWEETS BY @PSFT\_SUPPORT

Tweets by @PSFT\_Support

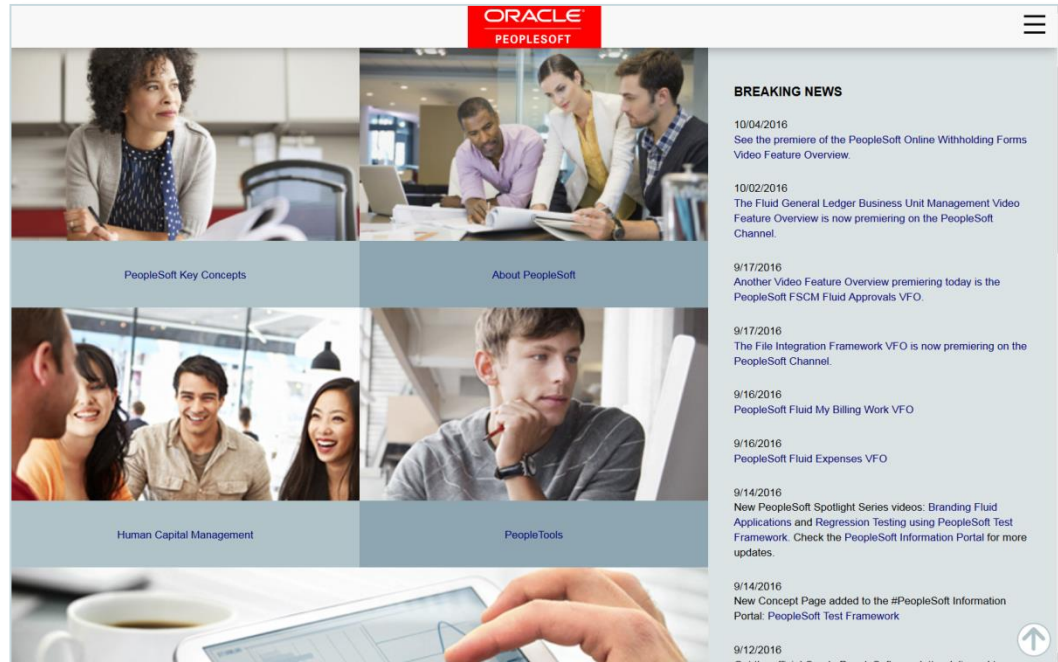
PeopleSoft Support @PSFT\_Support



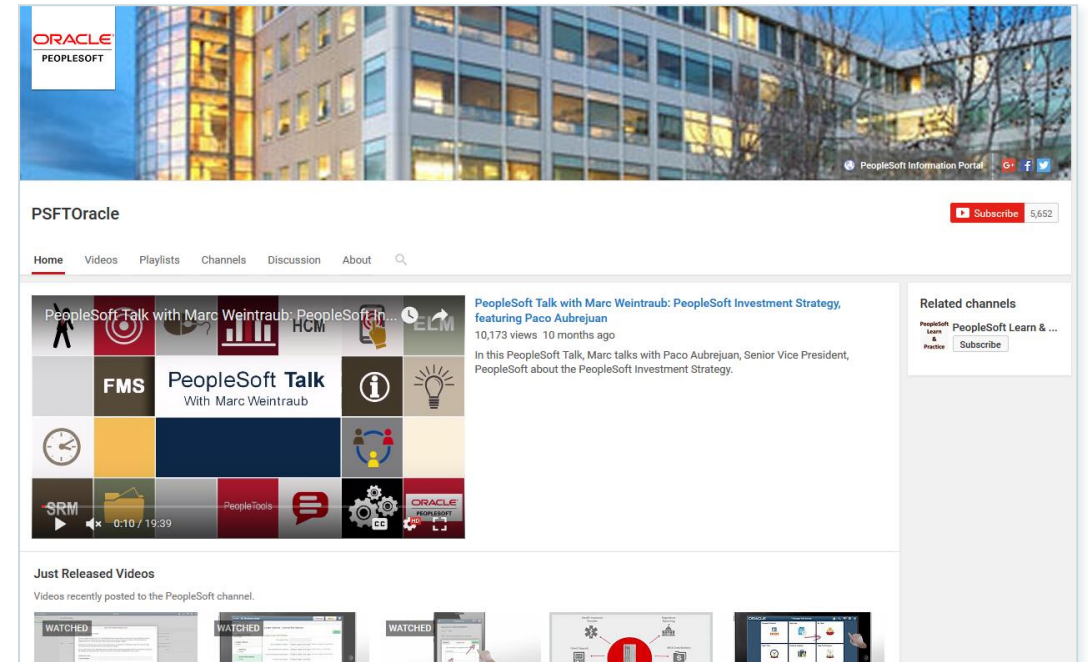
# Get Connected and Stay Informed

## Key PeopleSoft Information Sources

### PeopleSoft Information Portal



### PeopleSoft YouTube Channel



### Social Media



@PeopleSoft\_Info



Find us on  
**Facebook**

Oracle PeopleSoft Page



Oracle PeopleSoft Development  
Group



Blogs

**ORACLE**

# Experienced Partners

SpearMC

---

*These partners submitted  
qualifying case studies in this  
subject area*

# Fluid Expenses - Case Study

PEMCO Insurance - Travel and expense reporting at PEMCO Insurance was a highly manual effort. There were virtually no system integration points in place, and reconciliation of expenses had become a daunting task. A modern toolset was needed, with minimal impact to end users. PEMCO turned to SpearMC to propose the use of Oracle's PeopleSoft Expense Reporting module. SpearMC developed a ten-week program for the deployment program. In order to take advantage of the latest mobile functions available in Image Release 19, SpearMC also proposed an upgrade to the PeopleTools infrastructure to 8.55. In just four weeks SpearMC deployed the PeopleTools upgrade, and then ten weeks later the Expenses toolset was deployed. Visa bank files for expenses on corporate cards began to be integrated on a daily basis, allowing users to pull in expenses without manually coding them. Mobile functionality was deployed to allow users to download pictures of receipts. Expense approvals were automated through a workflow engine, further reducing the movement of paper transactions. - SpearMC

Hackensack Meridian Health - As the HMH system brought on additional hospitals, they needed an integrated, secure, mobile travel expense authorization and approval application. PeopleSoft Expenses with mobile functionality, coupled with Apsian/Duo multi-factor authentication. Travel authorization and mobile approval functionality saved over 60% on uncontrolled travel spend. HMH and SpearMC also won coveted Oracle Innovator Awards - SpearMC



# On-Premise/PeopleSoft Application Sales Contacts

**Peter Hogenson**  
Healthcare & Public Sector



**Nicolas Chavez**  
Financial Services



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