

Automation and Conversation: Unlocking the Potential Within Your Oracle Forms

**Presented By:
Yossi Nakash, AuraPlayer**

Meet Our Speakers



- **Mia Urman**
Oracle ACE Director and CEO, AuraPlayer



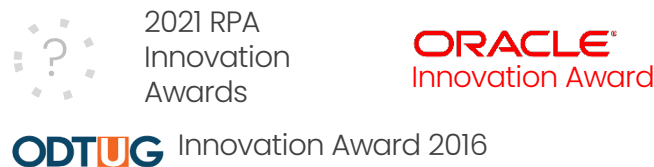
- **Yossi Nakash, CTO, AuraPlayer**

Company At A Glance

Partner Ecosystem



Awards



Customers



Mission Statement

AuraPlayer's mission is to assist customers to leverage their existing Oracle investments for mobility, automation and to achieve digitization without the need to redevelop



HQ



HQ in New Jersey
USA, R&D Center in
Tel-aviv Israel

Patent



2011 Patent for Oracle
automation

Track record



Management team
with a proven track
record and
extensive
experience

Oracle Forms: The Original Development Tool For Oracle

File Edit Default TAR Help
TAR# 11409852.60 Technical Assistance Request <Open>
-----<Customer> --Country-US - Typ OASIS Version 4.1.00 (OFACS) - [Entry Review Grab Bag InBox]
Spt Code^ Level GLD
Customer^
Behalf
Contact1^
Phone^ x TZ -01
Fax Email @
Contact2
Phone x
Abstract^ PROFILE OPTION JGZZ: LOCALIZATI
<Main> - (Re-Query) (Profile)
Local Q^ GOLDGL Change Da
Global Q GQFINAP Days
-----Userid--
Esc Lvl Created
Esc To Updated ASPECT.US
Escalated
ITS402 V1.4.0.1 User logged

Character Mode
SQL*Forms

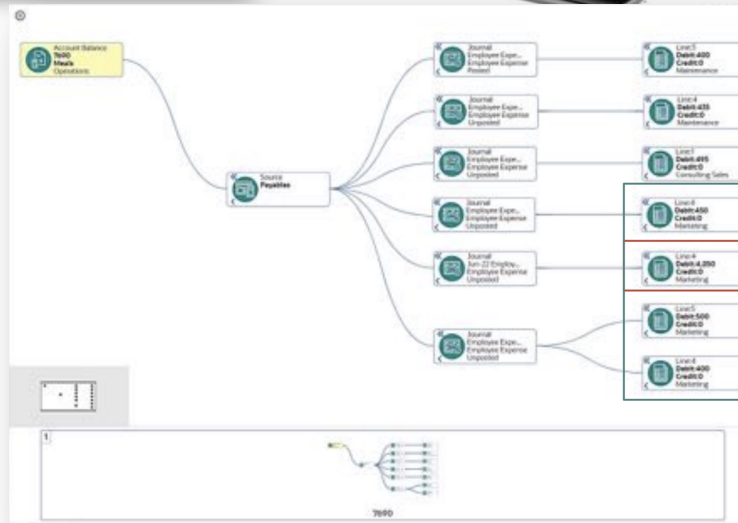
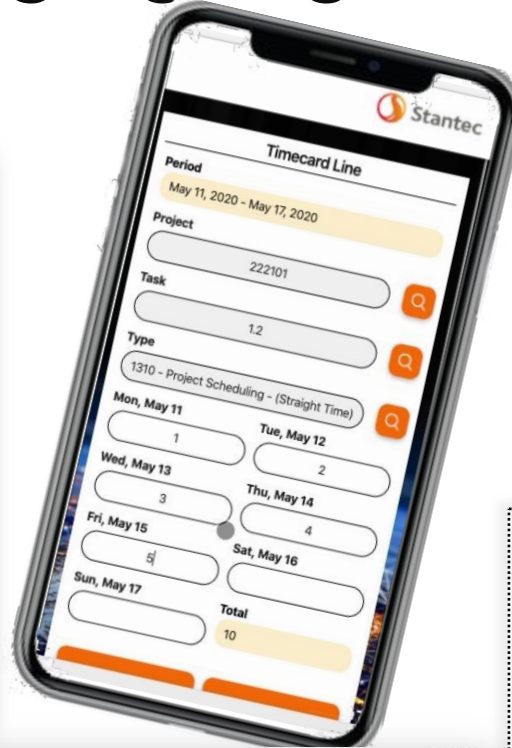
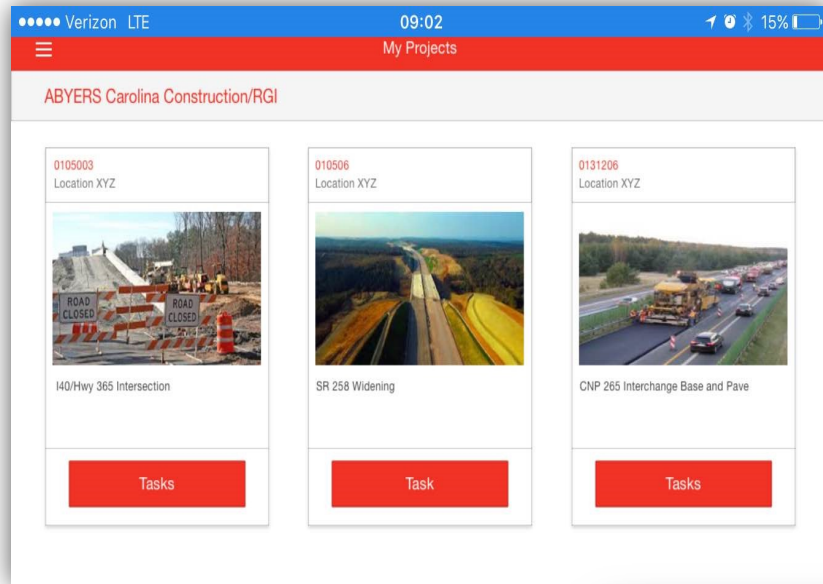
File Edit View Add Action District National Reference Products Admin User Opts Window Help
Help Home Personal Avail Wk GB Approve Log Sort Proceed
Entries To Be Reviewed (Grab Bag)
Entry / Doc / Line / (Suffix) Work Type Date Description
+ BYC-795783-2/011/052 QAV 05-20-2002 Priority Review Rec
+ BYC-1127783-2/001/002 QAV 05-20-2002 Priority Review Rec
+ WBK-442387-2/003/006 QAV 05-20-2002 Priority Review Rec
+ BYC-8276423-8/004/090 QAV 05-20-2002 Priority Review Rec
+ WBK-2948539-5/044/038 QAV 05-20-2002 Exam Recom by O
+ WBK-9828238-2/009/023 QAV 05-23-2002 Exam Recom by O
+ BYC-2043079-7/005/002 QAV 05-23-2002 Exam Recom by O
+ BYC-03702994-9848/893/3 QAV 05-23-2002 Exam Recom by O
* paper entry
Route To
Employee Name
Banks, Scott
Williams, William
Miller, Jennifer
Smith, Joe
Lee, Daniel
Record: 1/? [K0SC] [KDBG]

Client Server

File Edit Sort By Query Settings Help Window
Orders and Items
☒ Immediate ☐ Auto Query
Stock Image On Help Exit
Order Id 100 Order Information
Date Ordered 31-AUG-1992 Customer Id 204 Customer Name Womansport
Sales Rep Id 11 Sales Rep Name Magee
Date Shipped 10-SEP-1992 ☐ Cash ☐ Credit ☒ Order Filled
Bunny Boot
Item Product Description Price Qty Shipped Item Total
1 10011 Bunny Boot 135 500 500 67,500.00
2 10013 Pro Ski Boot 380 400 400 152,000.00
3 10021 Bunny Ski Pole 14 500 500 7,000.00
4 10023 Pro Ski Pole 36 400 400 14,400.00
Order Total 601,100.00

Web based – Java front-end

Today Is About Engaging User Experiences

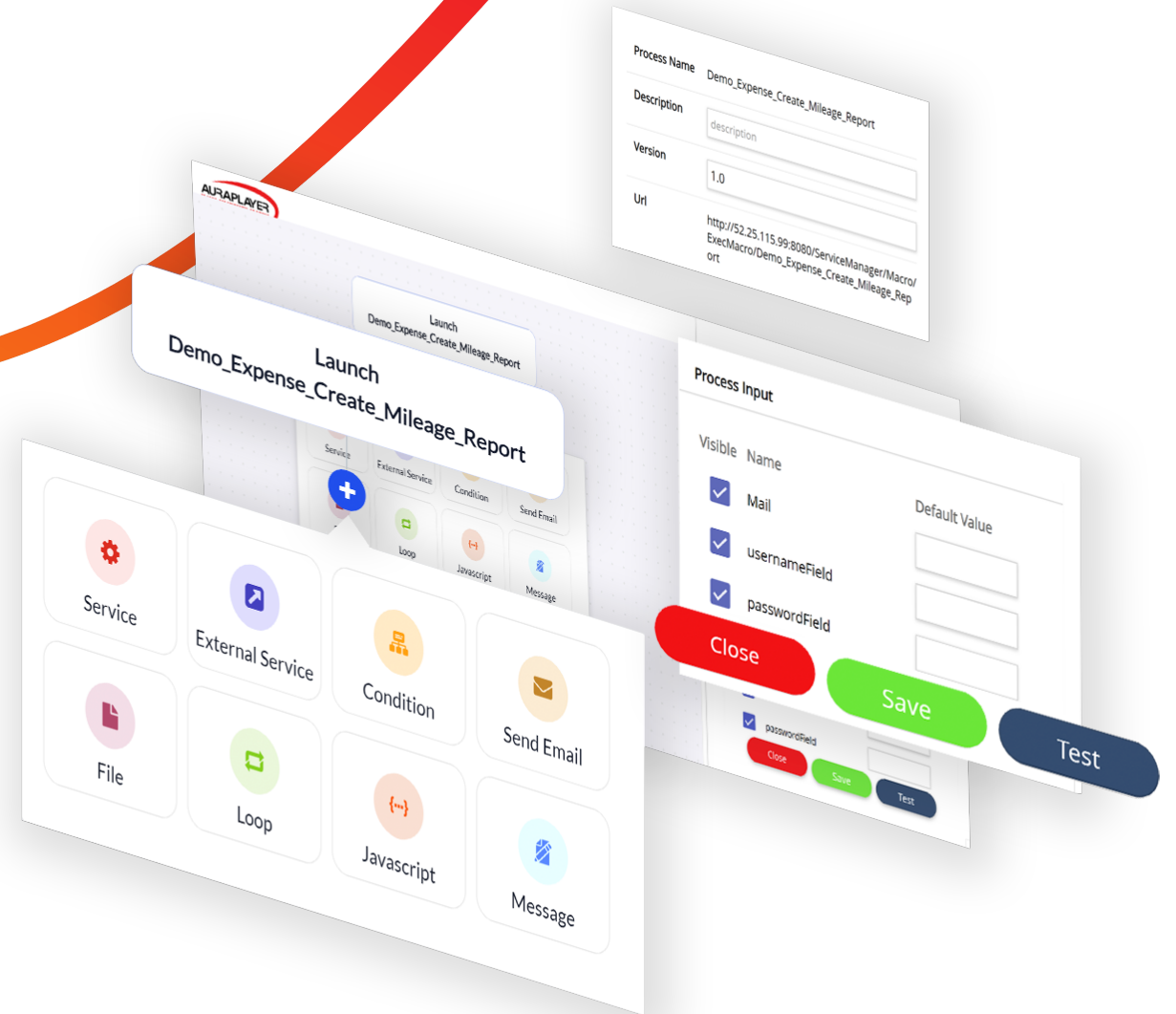


Typical Forms Wish List

1. Improve the UI to provide a modernised user experience
 2. Quick wins to achieve Integration
 3. Run on mobile devices – Tablets
 4. Run on Cloud / Manage images
 5. Integrate processes using unified views of data between existing forms and other apps
 6. Easily move to the cloud
- Short term – modernization *without* breaking the bank



Oracle Forms UI Modernization

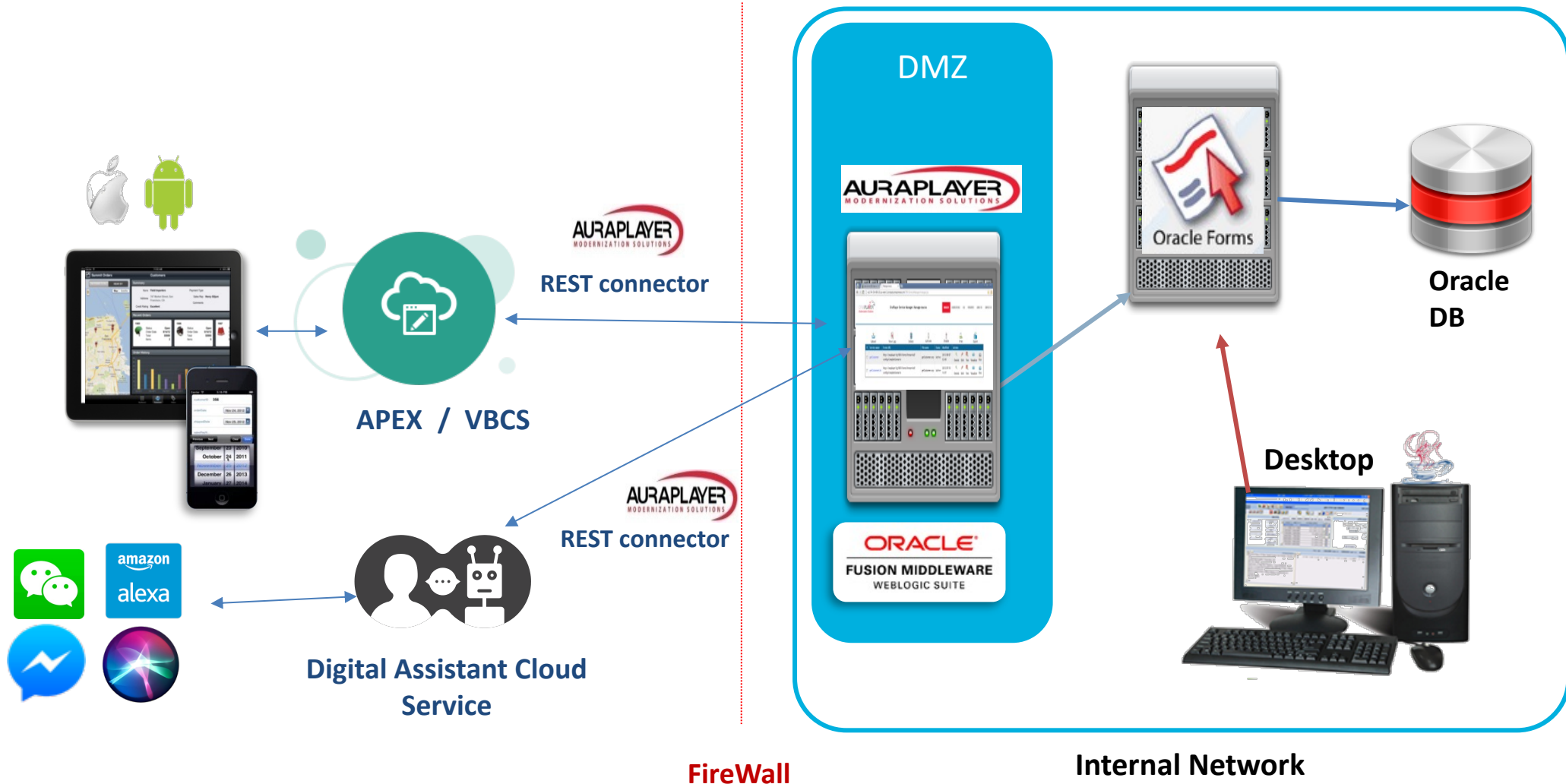


The Challenge: Agility

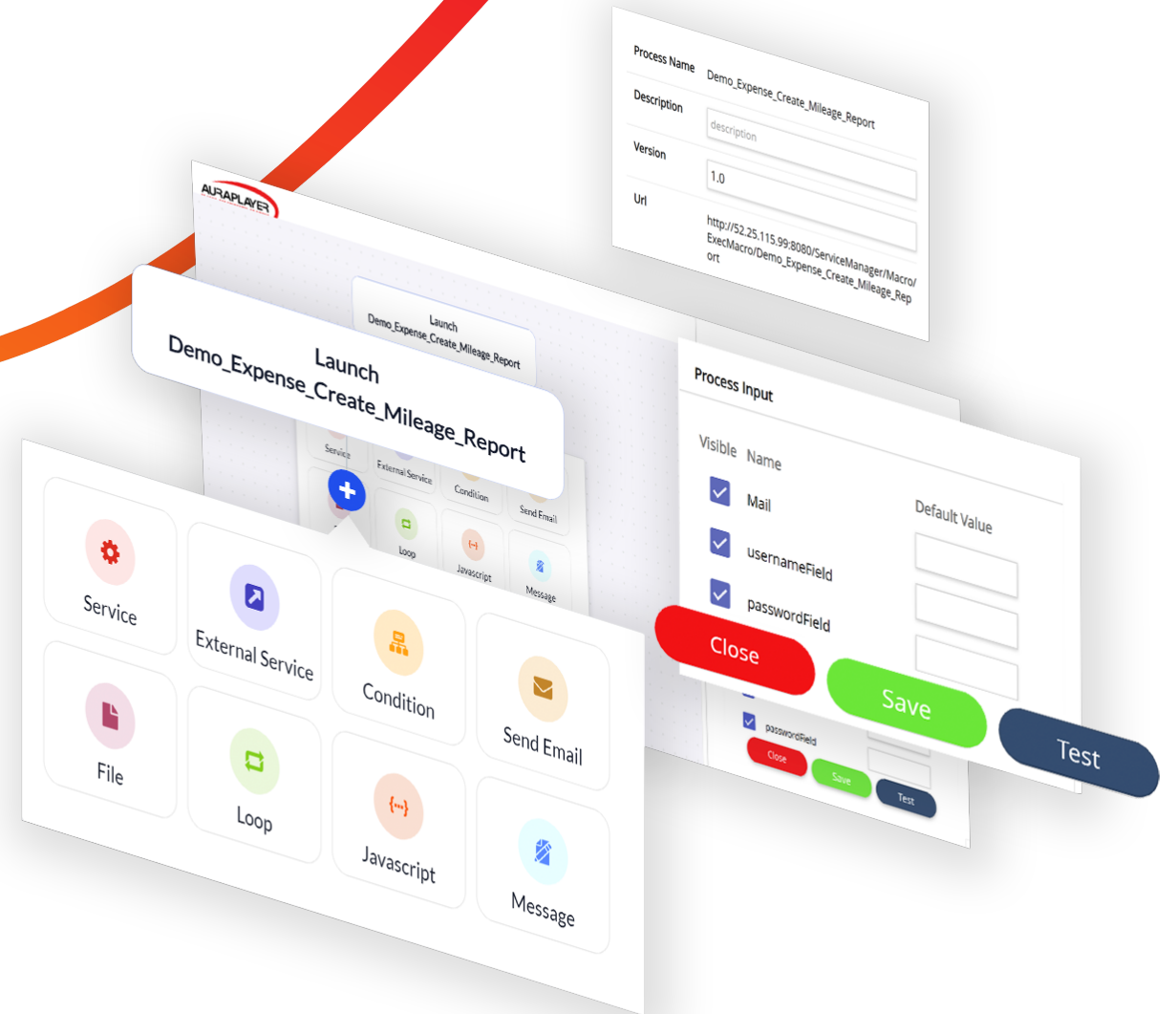
- How to Deliver Enterprise Systems to Mobile Channels Without Costly and Risky Redevelopment Projects?



Any tool or project agility



RPA Automation



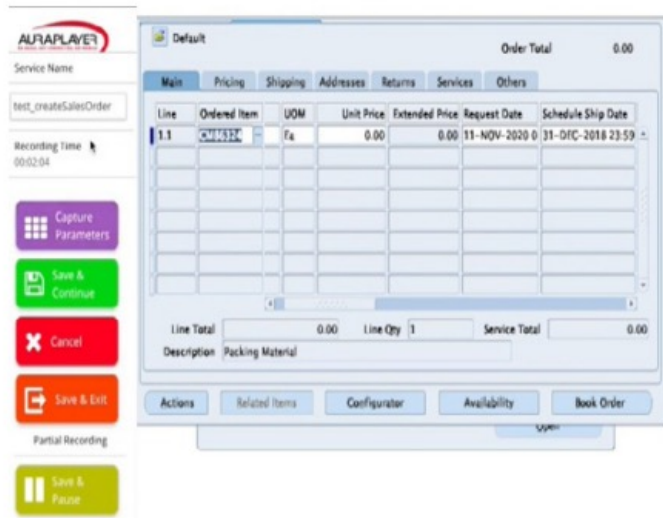
Why automate Oracle Forms?

Without automation, your company faces:

- **Wasted time and resources:** Oracle legacy applications are cumbersome, requiring many manual steps in order to complete basic workflows. RPA can complete these tasks in just seconds, freeing up employees to do higher level tasks.
- **Susceptibility to errors:** Manual data entry is more susceptible to human errors- especially with so many fields and forms. RPA ensures 100% accuracy.
- **Limited productivity:** Employees are limited by hours of operation, sick days and vacations days. Bots are able to run 24/7 for maximum uptime.
- **Lack of scalability:** Automating and streamlining processes enables scalability and growth

3 Approaches to Oracle RPA

■ Oracle Bot-BUILDER



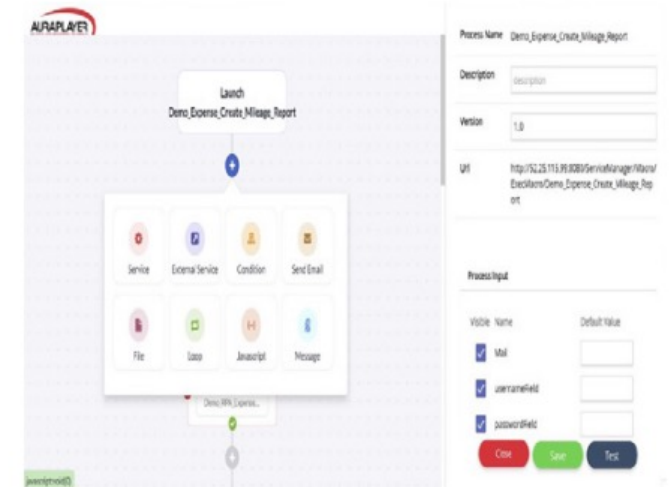
AuraPlayer RPA

■ Plug In



Plug into 3rd Party Tools

■ Oracle Insta-Bot



Prepackaged Common Use-Case automations

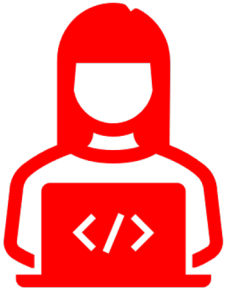
Demo

- New Forms recorder
- Process capture for Oracle Forms
- AuraPlayer RPA– reads CSV and PDF
- Watch demo of UiPath plug-in for Oracle RPA

How AuraPlayer Helps Your Existing RPA Framework

- Automation bots are robust – Immune to UI changes.
- Not affected on version changes or upgrades. Supports error handling and dynamic pop ups.
- Faster and more scalable, does not run the application in a browser and it does not run Forms Java Applet.
- Out of the box automations for standard use cases.
- Move between environments without the need to re-record the workflows.
- “Headless BOTs” All BOTs can run on one server due to our ability to run in parallel.
- RPA workflow captured in a no-code recording toolbar.

Streamline Business Processes & Improve Revenue



IT – Changing passwords, unlocking accounts which cost savings have exceeded **\$1 million**.



HR – Automating HR synchronization into the Oracle back-office system helped save over **\$200,000 a year**.



Manufacturing – Item creation and price list upload saves 75 hours of data entry per month.

Use Cases Across Sectors

Investec (Banking)

- Automate absences processes and validations
- Integrate EBS absences with portal

Worthington (Manufacturing)

- Automate Item Creation
- Automate Receipts audit
- Automate Sales Orders creations

Jubilee Life (Insurance)

- Digital assistant triggered via email- (DBA actions – unlock user, reset sessions, reset password and more)
- Generate Policy, customers and other processes

Sony DADC (Retail)

- Shipping and Inventory management automation

Natali (Healthcare)

- Automate field technicians actions with backend system.

HaAretz (newspaper)

- Automate self service action by subscribers
- Automate processes for call center API- – add new subscribers on mobile

Salama (Insurance)

- Generate health certificate for person id, and return the document via email.

Major Engineering and Construction Company

- New Vendor creation and setup
- Developed Services & RPA to automate the invoice generations process

Major Manufacturer (Manufacturing)

- GL close Period
- Creating Journal header/lines

Shaina – Jubilee Life's Digital DBA

Hello Colleagues

I am **Shaina**

I live on a server in Jubilee Life's Data Center. I have been created to facilitate you.

I know how to reset your passwords, unlock your accounts and kill your sessions on some applications.

I'm a quick learner and as I grow, I will also learn how to do other jobs.

I don't sleep or take breaks neither do I get weekends off so I will always be available to respond to you over emails (*unless Techies mess with me :D*)



Just write an email to me and problem solved – in seconds!

I will tell you my email
ID on Monday!

Kill Sessions

Your application is hanged ? Load is high and it is closing! What to do? Email me and I will kill your application session and then you can continue to work!



Account Unlock

Wrong password attempt caused account unlock? Don't want to change your password. Ask me to unlock your account.



Password Change

Not able to login on core application? Request a password change directly to me!

Live Demo – Jubilee Life's Virtual DBA, Shaina

What Shaina Achieved Within 6 Months:

Rise of the Machines

I thought it would be good to tell you all what I have been up to in the last few months, I handled 98,248 records! Here's a little summary:

Area	Process	Date of Birth	Age (Days)	Transactions / Records
TECH	Account Unlock	26/06/2021	189	780
	Support	26/06/2021	189	6
	Kill Session	26/06/2021	189	2,219
	Change Password	26/06/2021	189	1,415
	Chat	26/06/2021	189	385
AGENCY	Change of Reporting	26/08/2021	128	2,069
	Change of Branch	26/08/2021	128	77
	Change of Bank	26/08/2021	128	9
	Change of Servicing Agent	16/09/2021	107	36,935
	Agents' Exits	23/12/2021	9	139
F&A	Oracle Financials - Alerts on Paid Invoices' Modifications	05/10/2021	88	3,961
AML	LexisNexis Data Upload	14/12/2021	18	50,253

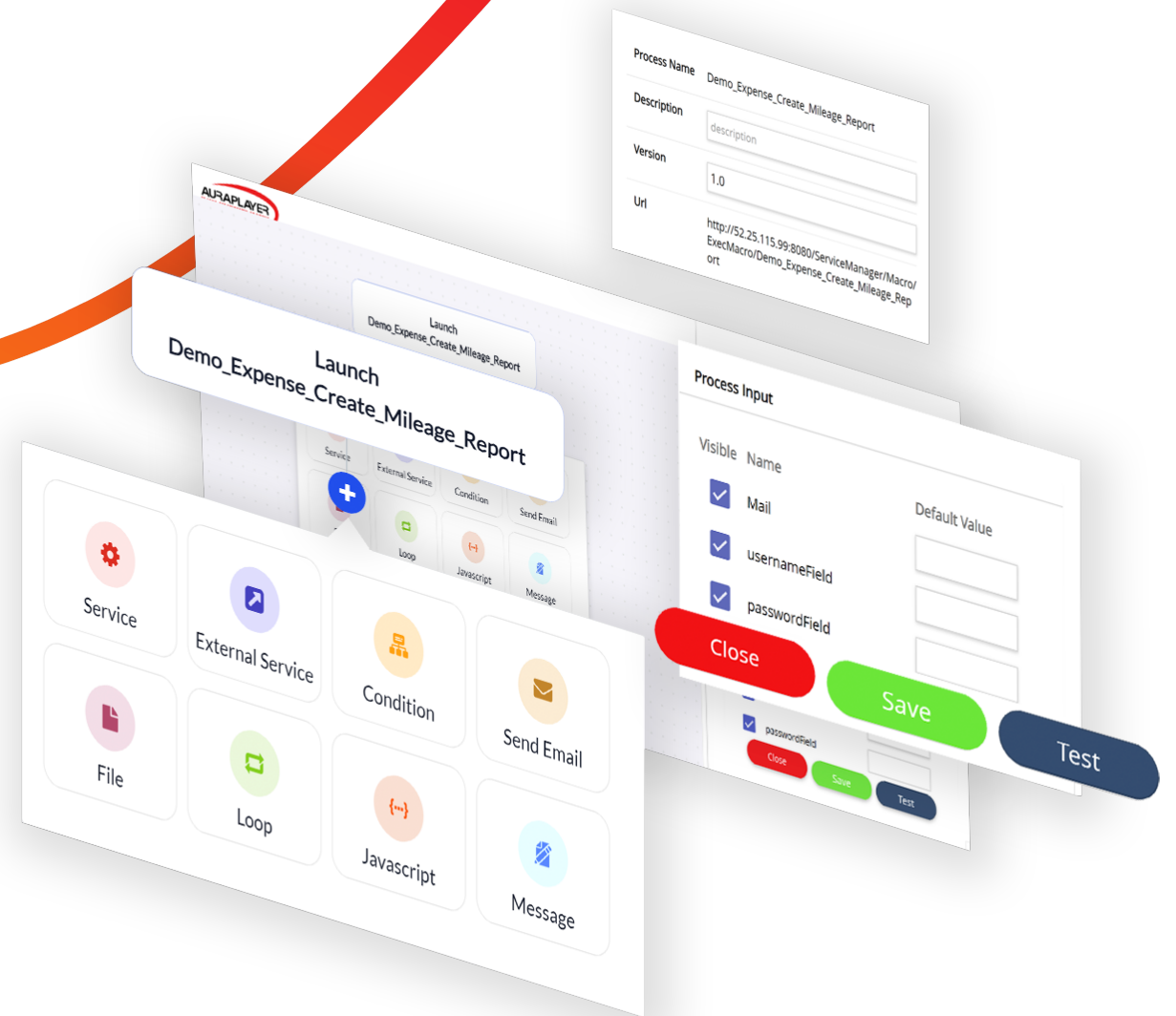
My creator thinks I'm underworked!

So,

"My new ambition in life is to learn more tasks!"

PS: I don't know why they call it Go-Live Date, I prefer to call it Date of Birth!
Age and number of transaction / records are till 31-December-2021.

Oracle Digital Assistant

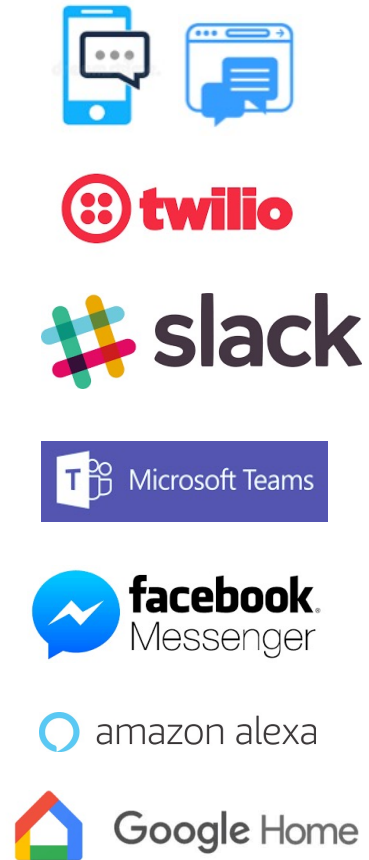


Oracle Digital Assistant Cloud

- Provides the platform and tools to easily build AI-powered assistants that connect to your backend applications. A digital assistant uses artificial intelligence for natural language processing.



Digital Assistant and Skills Example



Sales Order Digital Assistant

PROBLEM

- No way of looking up inventory on location
- Sales representatives risk selling items that are not in the inventory
- Resulted in many opportunities lost as no flexibility to close the deal on the spot

REQUIREMENTS

- Lookup availability from the field
- Simplify sales process with online orders to increase efficiency

RESULTS

- Check inventory availability and pricing online
- Gained productivity and lowered operational costs
- Increased sales volume and revenue
- Increased productivity and efficiency of sales representatives

Sales Order Digital Assistant

Ask Me...

1. Tell Me The Price Of As54888
2. What Is The Availability Of As54888
3. Which Warehouse has Part As54888
4. I Want To Order A Part

Watch me
in action!



Sales Order Digital Assistant

Before

The screenshot shows a desktop application window titled "Sales Orders (Vision Operations) - 66557, ABC Application Software". The interface is divided into several sections. On the left, there are tabs for "Order Information" and "Line Items", with "Order Information" selected. Below this, there are fields for "Customer" (ABC Application Software), "Customer Number" (2636), "Customer PO", "Customer Contact", "Blanket Number", "Ship To Location" (13059), and "Bill To Location" (13058). On the right, there are fields for "Order Number" (66557), "Order Type" (Standard), "Date Ordered" (02-OCT-2017 07:49:37), "Price List" (Corporate), "Salesperson" (Green, Suzanne), "Status" (Entered), "Currency" (USD), "Subtotal" (15.00), "Tax" (1.28), "Charges" (0.00), and "Total" (16.28). At the bottom, there are buttons for "Actions", "Related Items", "Configurator", "Availability", and "Book Order".

After

The image shows two smartphones displaying a modern chat-based sales order digital assistant interface. The top screen shows a chat conversation with a "Sales Bot". The bot has greeted the user with "Hello" and "Hi there friend!". The user has asked "What is the price for as54888", and the bot has responded with "The price for AS54888 is 1599.00 USD for 1 unit." The bottom screen shows the same chat interface, but the user has asked "Which Warehouse has Part As54888". The bot has responded with a list of three manufacturing locations: Dallas Manufacturing, Seattle Manufacturing, and Boston Manufacturing. Each location shows the item name, item number, and reservable quantity. At the bottom of each screen, there is a text input field with a placeholder "start typing..." and a red "Ask me" button.

Sales Bot

What is the price for as54888

The price for AS54888 is 1599.00 USD for 1 unit.

Hi there friend!

What is the price for as54888

The price for AS54888 is 1599.00 USD for 1 unit.

Which Warehouse has Part As54888

Dallas Manufacturing

Item	M3	Reservable	289
Warehouse:		Qty:	

Seattle Manufacturing

Item	P2	Reservable	51
Warehouse:		Qty:	

Boston Manufacturing

Item	Q7	Reservable	460
Warehouse:		Qty:	

start typing...

Ask me

Payslip Digital Assistant

PROBLEM

- Organizations were looking for an intuitive interface to interact with the workers that would not require extensive technical training to operate. There was no solution to remotely access limited information from the HR system. Employees often find it hard to locate exactly what they were looking for, so they end up contacting the call center to speak to a live agent.

REQUIREMENTS

- Streamline organization's Payslip reporting as a mobile-first application
- Inefficient process and prone to human error

RESULTS

- Increased employee satisfaction and engagement
- easily monitor monthly payslips, current payments, YTD payments, tax payments and many more using natural language.
- Lowered operational costs and gained productivity
- Increased ROI by reducing call center overhead costs
- Fast and easy solution with friendly UI – no need for training

Payslip Digital Assistant

Ask Me...

1. Get pay slip details
2. Get pay slip summary – for last month
3. Income Tax amount
4. What are my total deductions
5. Current Hours

Watch me
in action!

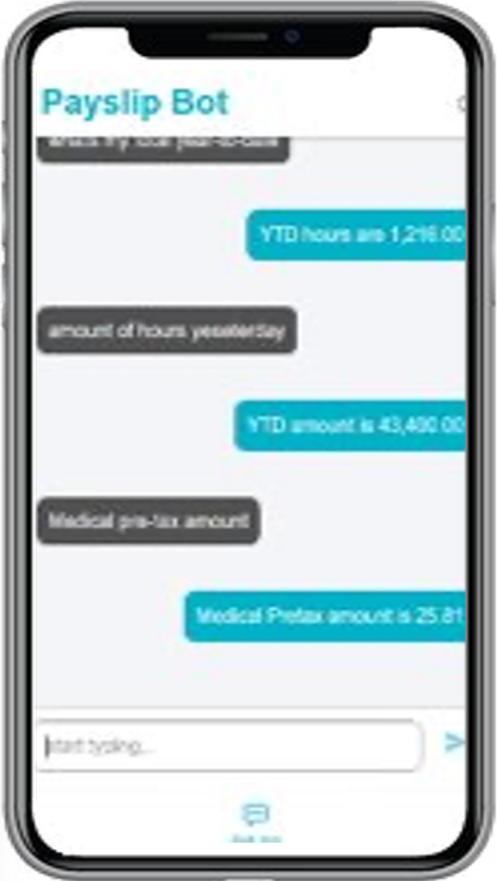
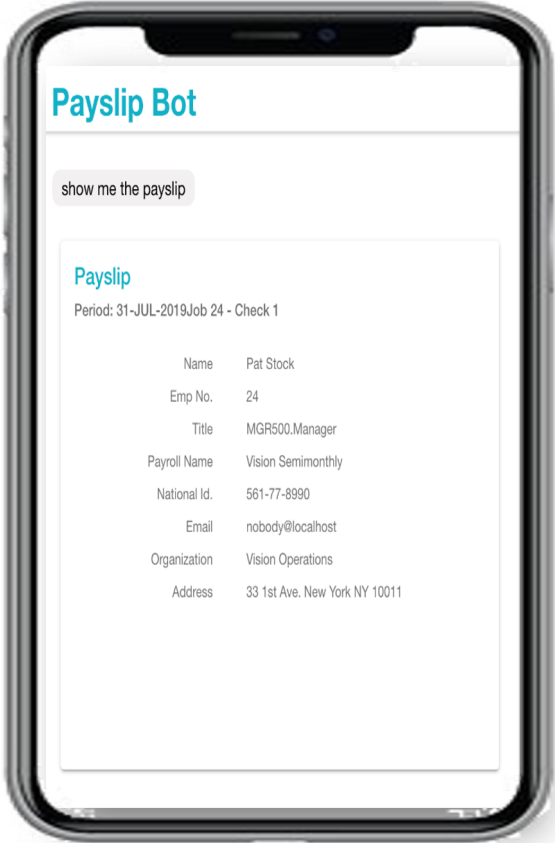


Payslip Digital Assistant

Before



After



Why AuraPlayer?

- No redevelopment of underlying structure
- APIs in a matter of minutes
- Uniquely patented solution
- Easily expose business processes to API for automation/integration
- Low risk creating new interfaces to legacy / existing applications
- Deep Knowledge of the Oracle Forms World

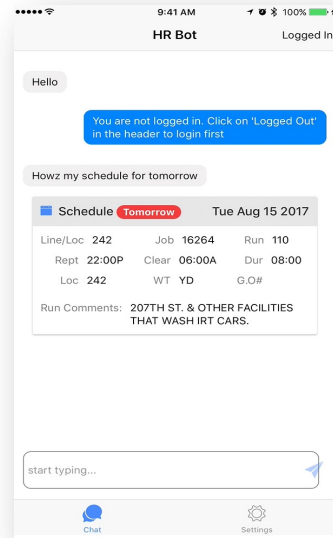
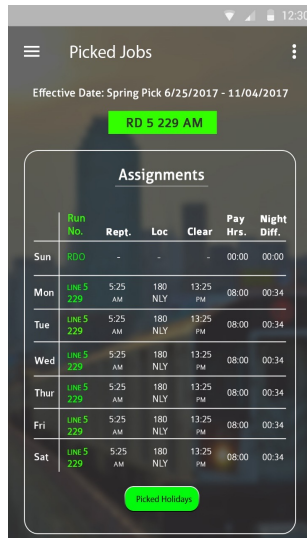
Why AuraPlayer ?

- Out of the Box BOTS on common EBS workflows
- Decrease Time to Market for BOT Development
- Support all customizations and EBS add-ons
- Reduce Development Costs – Wizard based development process
- Reduce Maintenance Costs – BOTs run on Same EBS back-end
- Open Architecture / Generates Generic REST services

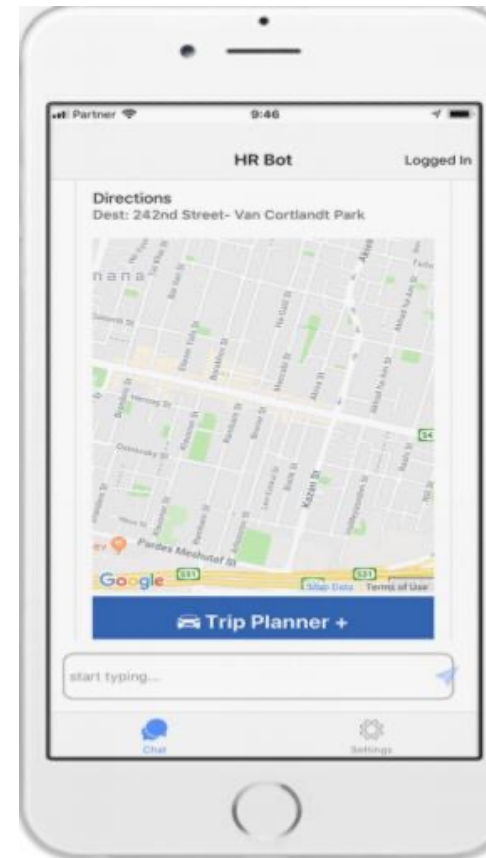
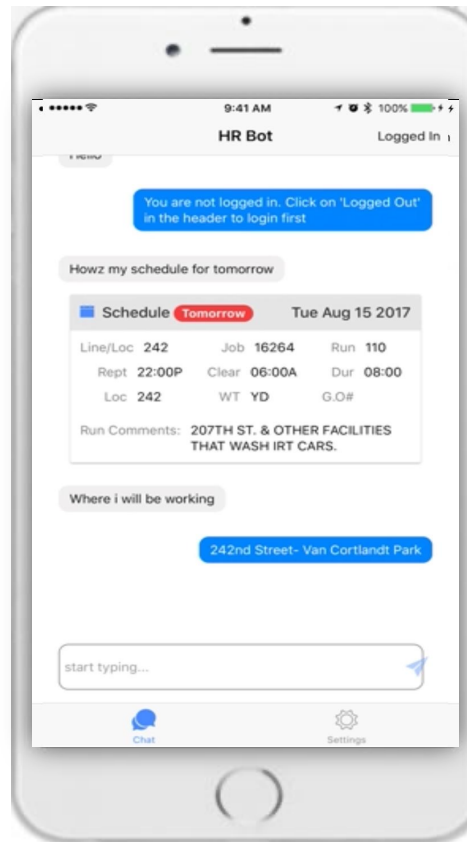
Develop Bots
in Days on
complex EBS
backends!

Customer Story: Chatbot/Mobile HR System

- Customer wanted to use a digital assistant so that 40,000 non-technical employees of all backgrounds and demographics could get answers to their requests in seconds from any device, in any location, instead of waiting on hold or coming into the office.
- Without touching one line of code in the existing system, AuraPlayer transformed the Oracle Forms application to a REST services
- Mobile application and digital assistant can provide HR services in the field without the need to return to the office



Chatbot On Daily Scheduling



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Getting Started

- Assess Your Requirements
 - What systems are ripe for automation?
 - What platforms do we need to integrate with ?
- Understand Your Existing System
 - Where does the business logic sit today?
 - Do we have documentation? Developer resources?
- Conduct POC with Top Choices
- Define Timeline and Budget
- Decide on RPA Implementation Method
 - Integrate, Migrate, 3rd party solution
- Define Security and Arch and Get Started

Questions?

Thank you for joining!

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