AURAPLAYER
BE AGILE, GET CONNECTED, GO MOBILE

ROADMAP TO SUCCESS

ORACLE ROBOTIC PROCESS AUTOMATION

Expert advice & best practices to
get you started on your Oracle RPA journey

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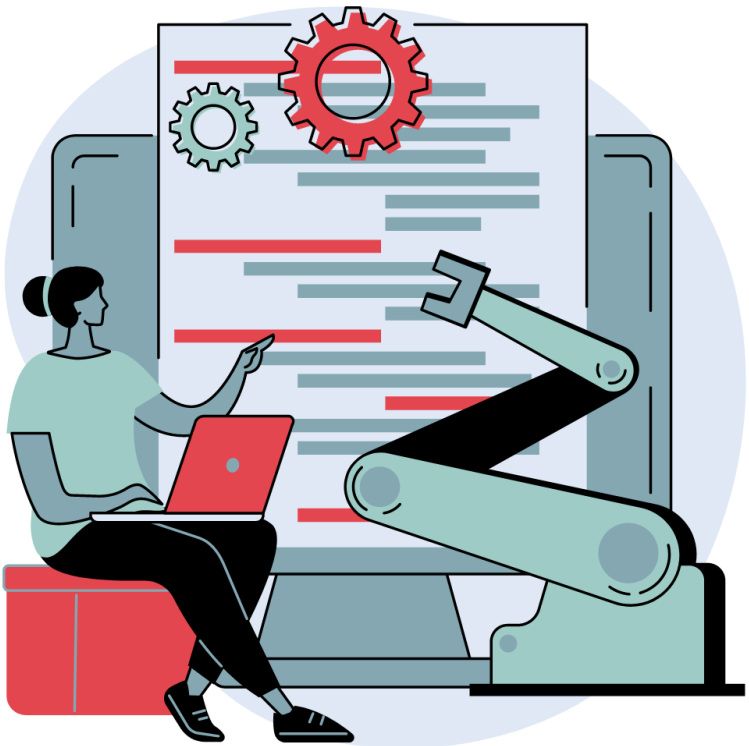
Use this guide to get started on the road to Oracle RPA success

What is RPA?



Doesn't it seem like RPA is the latest buzzword being talked about everywhere?

With the automation market predicted to reach $13.74 billion by 2028*, and an average ROI of 186% within the first year of implementation, it's no wonder that more and more organizations are wondering if RPA is the answer to their operational challenges.

*Gartner

Robotic Process Automation (RPA) uses programmed software robots ("bots") to execute business processes. While APIs are commonly used to connect applications using the back-end, RPA bots are used to automate workflows on the front-end – completing processes and tasks just as an end-user would.

RPA automation is used primarily for automating mundane tasks to improve efficiency, accuracy, and productivity. Common benefits of RPA involve cost savings, error reduction, and scalability.

The first step in your RPA journey is to assess your operational inefficiencies and identify where RPA can help save time and money across the organization by optimizing exisiting processes.

Oracle workflows can be great candidates for automation, but the complex and dynamic nature of Oracle Forms / EBS systems can prevent you from achieving full ROI. Read on to learn why you need a specialized Oracle RPA tool in place.

How can my business benefit from RPA?

Automation can help your business get to the next level -- and beyond

Business benefits of RPA include:

- Completing tasks at a fraction of the time and cost, increasing efficiency by **20 - 30%**
- Eliminating repetitive, mundane tasks by **30-50%**
- Improving data quality with a **50 - 70%** error reduction
- Elevating the customer experience and increasing retention
- Freeing-up employees to work on higher-level tasks, resulting in an **80%** gain in productivity

No matter what your specific business goals are, one thing is for sure: **Automating your mission-critical Oracle workflows can bring significant gains across your organization.**

Can you benefit from **RPA?**

Use this checklist to determine if you are a good candidate for Oracle RPA.

☑ Do you want to reduce manual data entry?

RPA replaces routine data entry, increasing the availability of employees to work on more advanced analytical tasks.

☑ Do your workflows include processes that require maximum uptime?

RPA bots work 24/7 and are 100% reliable. Work continues outside of standard work hours.

☑ Do you want to improve data accuracy?

Bots are programmed to mimic human users, but with zero errors and 100% accuracy.

☑ Do you need rapid automated QA testing and data validation?

RPA can accelerate and standardize your QA process, advancing development.

☑ Are you interested in reducing costs?

RPA completes repetitive tasks quickly, accurately, and consistently, saving valuable time and money.

Where do I begin?

Selecting the best workflows to get started

Don't automate a process just for the sake of automating it

Successful automation begins with a thorough examination of the organization's processes, resources, & automation goals.

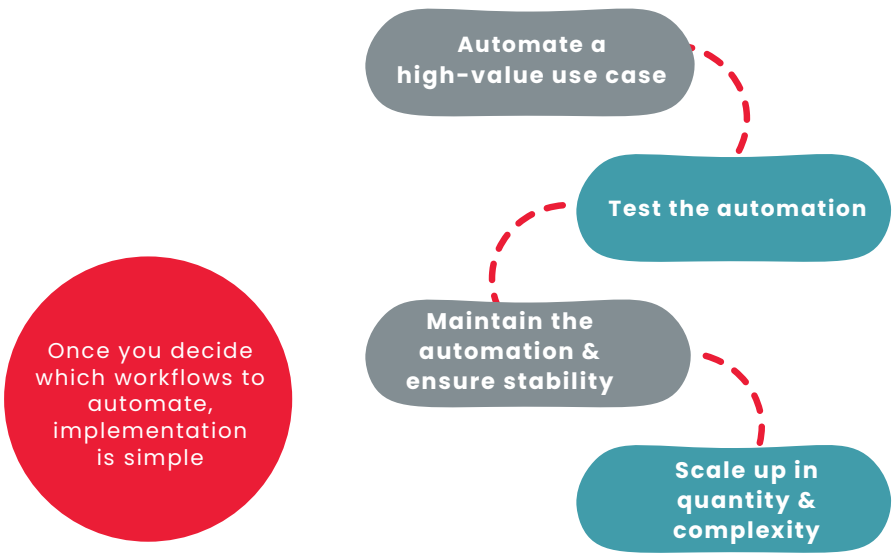
To get your RPA program off on the right foot, start by identifying which processes to automate *first.* There is no need to undertake complex automation projects and tackle all your business processes at once.

Best practice for getting started:

Step 1 Choose a single, high-value use case to automate first.

Step 2 Determine the long-term costs of deploying and maintaining the automation, while learning how to use the RPA tool and testing it.

Step 3 Phase in additional automations and scale up in complexity and quantity, as needed.



Identifying suitable & valuable workflows is essential for achieving ROI from your Oracle RPA strategy

While it can be tempting to begin by automating processes that are exciting and ambitious, being **practical** is the best way to lay the groundwork and begin building your RPA infrastructure.

Make sure to hone in on high-value use cases that can bring maximum ROI, rather than automating too much too fast – or automating the wrong processes.

Not all workflows are created equal, and not all business cases should be automated.

Tasks that are not ideal for automation are:

- ✗ **one-off or infrequent**
- ✗ **unpredictable**
- ✗ **decision-laden**
- ✗ **can be done quickly & easily by employees**

Attempts to automate these types of tasks will likely drain resources, and derail your RPA strategy & business goals

Selecting flows for **RPA**

Selecting the right use cases is essential. Use this checklist to determine which processes to automate.

Valuable workflow

Focus on workflows with the highest repetition.
A helpful measure is:

Value = Cost of the process X the number of repetitions in a certain period

Clear instructions

Bots need clear parameters, so the best flows have defined rules, or a fixed decision point.

Predictable outcomes

Dynamic flows that present different outcomes for different situations or that trigger popups aren't ideal for RPA.

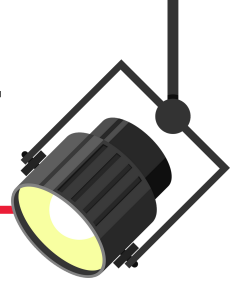
Clear, consistent data

The more clear, accurate, and consistent the data in the workflow, the more smoothly the automation will run.

Involves multiple systems

Take advantage of RPA's ability to synchronize between different systems, eliminating manual integration and maximizing ROI.

Common Customer **Use Cases**



There are endless possibilities when it comes to automating business processes. Here are just a few common use cases that can bring quick ROI:

- Automated DBA to reset and restore passwords
- Creating invoices directly from a CSV file and releasing them in batch
- Adding new vendors directly into Oracle EBS by pulling information from an email
- Creating sales orders directly from PO's in an email
- Auto-generating and emailing final pay slips to employees after termination
- Requests to change user responsibilities – notifies and updates the manager's response following a change request
- General Ledger – adding journal lines directly from an email attachment
- AP / AR - Logging into Oracle, closing all periods, and opening the next set of periods

How do I choose the best RPA tool for my Oracle workflows?

Make sure to select a tool that's compatible with your system's needs

RPA works well on complex data entry applications, such as Oracle Forms and EBS. However, it can be a challenge to automate these applications successfully if you don't have the right factors in place. **The RPA tool you use must be able to handle the complexity and dynamic nature of your mission-critical Oracle system.**

Many RPA tools claim to support EBS/Forms, but your RPA success and ROI will depend on the tool's ability to easily capture the Oracle workflows and to maintain stable automations without the constant need to re-record.

It's normal to have some setbacks when getting started with RPA, but the long-term ROI will depend on how often bot disruptions occur and how long it takes to get the automation back on track.

Common pitfalls that can arise when using an unsuitable tool for Oracle Forms/ EBS automation:

- Lengthy, tedious process to capture customized workflows
- Time-consuming script bot maintenance, or a need to constantly re-record workflows
- Disrupted automations due to dynamic pop-ups/hidden fields
- Complicated processes for moving between environments
- Inefficient Oracle error handling due to missing error descriptions

How to choose the right RPA Solution

The RPA market is vast, with each tool having its niche and specializations. We recommend asking RPA vendors these questions to determine if their tool is the best fit for the complexities of your Oracle system.

- **How are Oracle workflows captured?**

  Tools that use screen scraping/image capture require each field to be manually added; this can be a lengthy process if there are many fields.

- **How are pop-ups, hidden fields, and customizations handled?**

  These events can cause disruptions, with some tools requiring custom code for each variation.

- **Are error messages returned in real-time?**

  Oracle automations require real-time error messages for effective debugging & stability. Many tools freeze and return generic system errors or timeouts, taking significant time and resources to resolve issues.

- **Can the automations withstand UI changes, patches, and other environmental changes?**

  If automations are reliant on an item's location on a page, any UI changes can cause the automation to fail, requiring recurrent maintenance.

- **Can the tool move easily & quickly between development, staging, and production?**

  Many tools require processes to be recaptured for each environment, which can negatively impact ROI.

Getting Started

The Next Steps

- Review current landscape
- Evaluate where automation can increase revenue and promote corporate efficiency
- Assess your requirements
- Evaluate which platforms you need to deploy to
- Understand existing system
- Understand where the business logic sits today
- Define timeline and budget
- Choose RPA tools to review
- Conduct Proof of Concept of proposed options
- Decide on final implementation method

Need help getting started?

Speak with one of our Oracle experts

Oracle RPA

Key Takeaways

- RPA is a great way to streamline complex back-ends, such as Oracle EBS applications.
- Automating simple, repetitive, and manual tasks can bring substantial results.
- Evaluate your company's *existing* processes to identify the best way to optimize operations.
- Remember that not all use cases are right for automation.
- Choose the most valuable and practical use case to automate first and build as you go.
- Oracle's complexities and dynamic nature can prevent successful automation. Make sure to select an RPA tool that is made for Oracle RPA.
- To acheive full ROI from Oracle RPA, utilize a tool that allows for easy process capture and maintains stable automations without the constant need for re-recording.

Achieve seamless Oracle RPA

I want to learn more

About AuraPlayer

AuraPlayer's patented technology automatically generates REST APIs, mobile applications, and RPA automations from existing back-office applications, to help you begin your digital transformation while leveraging existing investments.

AuraPlayer's RPA solution is built specifically for Oracle Forms and E-Business Suite and is designed to handle all of your Oracle complexities and customizations without the need for additional coding. It is available as a standalone tool or as a plug-in to leading RPA platforms to ensure stable Oracle automation.

We'd love to help you on your Oracle RPA journey.

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@auraplayer

@AuraplayerAdmin

Schedule a call

info@auraplayer.com

www.auraplayer.com

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About the **Author**

Mia Urman

CEO, AuraPlayer

Oracle Ace Director

Mia Urman is an expert in Oracle development technologies, with over 25 years of experience consulting on Oracle products. Mia is the CEO and co-founder of AuraPlayer, a technology company offering solutions to modernize Oracle Forms and EBS as microservices to mobile/web, RPA automation, and chatbots. Mia presents at conferences worldwide and has made it her mission to help Oracle users get the most out of their existing investments.