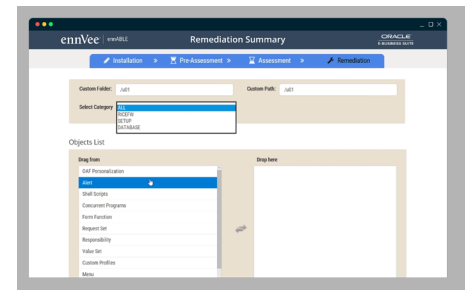# Oracle EBS R12.2 Upgrade Automation Tool

Reduce the cost and duration of your upgrade by 50%

Upgrading to R12.2 requires manual remediation of all custom objects, and the management and execution of this process is the key to an efficient and successful upgrade. ennABLE is a proprietary automation tool that reduces the cost, duration, and effort required to assess, remediate, migrate, and test all customizations during your R12.2 upgrade.

ennVee ennABLE Key Features

- Identifies all impacted and potentially-impacted custom objects
- Automated impact analysis for Database, Setup, and RICEFW objects
- Identifies all required R12.2 code changes
- Automatically remediates and migrates Oracle EBS custom objects
- Builds an upgrade project plan with timelines, resources, and pricing
- Works with all version of Oracle EBS (11i, R12.x, R12.2.x)

3-Step Automated Remediation + Migration

1. Identify all customizations
We automatically identify all impacted and potentially-impacted custom objects and required code changes in your current EBS environment. Each impacted object is sorted by complexity and type.

2. Automatically remediate impacted custom objects
ennABLE automatically makes code changes to your impacted Database, Setup, and RICEFW objects.

Database	Setups	RICEFW
• Custom Tables	• Custom Profiles	• Reports
• Custom Sequences	• Form Function	• Forms
• Synonyms	• Look Up	• SQL Scripts
• Triggers	• Menu	• Shell Scripts
• Functions	• Request Groups	• Alerts
• Materialized Views	• Request Set	• Control Files
• Views	• Responsibility	• Forms Personalizations
• Packages	• Users	• OAF Personalizations
• Package Body	• Value Sets	• Workflows
• Procedures		• Custom.PLL

3. Automatically migrate the remediated code to R12.2
ennABLE generates a mass migration script and MD.120 to automatically migrate the remediated customizations to R12.2.

How you Win

- 80% less manual effort
- 30% less prep work
- 70% less downtime
- 55% less development time
- 30% shorter upgrade
- Reduce cutover by 4-5 hours

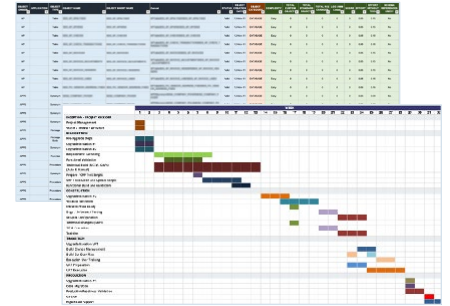## Value-Added Services

Test Automation Toolkit
Automated testing for technical objects and inbound/outbound connectivity.

Steady-State Support
Proactive support using our TrendZ performance monitoring tool to identify issues before they escalate and reduce post-upgrade maintenance costs.

Oracle EBS R12.2 Upgrade Assessment & Project Plan

ennVee's R12.2 upgrade assessment identifies all Oracle EBS customizations and required code changes, and builds an actionable project plan complete with resources and skill sets, approaches, timelines, and not-to-exceed pricing to execute your R12.2 upgrade.

Deliverables

List of Impacted & Potentially-impacted Custom Objects

- Total Custom & Standard Objects
- Remediation & Testing Effort
- Object Type, Category, Status
- Creation Date
- Changed & Obsolete Objects
- Owner
- Complexity
- Date Last Used
- Number of Lines of Code
- Total R12 Changes

Pre-Upgrade Assessment

- Online Patching Error Log
- Data Dictionary Corruption
- Invalid Objects
- Dangling Synonyms
- Tables Ending With #
- Table Name >29 Chars
- Tables In APPS

Technical Impact Assessment

- Non-compliant Objects List
- Total Changes Required
- Changed Object References
- Obsolete APIs in Code
- Schema References Used
- Obsolete Tables Used

Upgrade Project Plan & Roadmap

- Upgrade Approach
- Not-to-exceed Pricing
- Timeline
- Resource Plan with Skill Sets
- Inferences & Recommendations Report

Common Questions

Why do I need an assessment?
Regardless of how and with whom you choose to upgrade, you need a project plan. If your upgrade is a few years out, an assessment will help you forecast the budget and resources you will need when you're ready to upgrade.

How much does it cost?
The assessment is a fixed cost of $15k based on your footprint and scope of the upgrade.

How long is the assessment?
4-6 weeks.

Why should I go with ennVee?
We've helped dozens of organizations upgrade to R12.2, which means we've learned the lessons so you don't have to. We are the only company with a proprietary tool that can automatically remediate Oracle EBS custom objects and remove 70% of the manual effort required during remediation.