

AI Layer on Top of Oracle EBS R12 (On-Prem)

Supporting — NOT replacing — the existing workflow engine

Prepared for: Al-Rashid Real Estate — AI Vision 2026 (Oracle EBS R12 retained as core)

1. Oracle EBS 12.2 Premier Support Extended Through at Least 2037

Oracle officially extended Premier Support for E-Business Suite 12.2 to at least 2037. This is a long-term commitment that protects Al-Rashid's investment in the on-prem R12 workflow engine and validates building an AI overlay strategy on top of it instead of a costly migration.

Benefit for Al-Rashid (EBS R12 retained):

Strategic justification: AI augmentation of EBS R12 is a long-runway investment, not a stop-gap. Project & Cost Control, Finance, Engineering, Real Estate Development and Warehousing keep their existing system of record.

Source: Oracle — EBS 12.2 Premier Support Extended Announcement (PDF)

<https://www.oracle.com/a/ocom/docs/applications/ebusiness/ebs-122-premier-support-extended-through-at-least-2037.pdf>

2. Oracle E-Business Suite Enterprise Command Centers (ECC)

ECC is Oracle's official analytics and AI-driven information-discovery framework that runs on top of EBS without modifying the core. It delivers role-based dashboards, multi-faceted search, and exception detection across Projects, Financials, Procurement, Inventory and HR — all on live EBS data.

Benefit for Al-Rashid (EBS R12 retained):

Project & Cost Control gets a real-time variance, EAC, and exception dashboard fed directly by EBS Projects/AP/PO/GL — no separate data warehouse and no change to the EBS forms or workflows used by staff today.

Source: Oracle — EBS Enterprise Command Centers, April 2025 Update (PDF)

<https://www.oracle.com/a/ocom/docs/applications/ebusiness/ebs-enterprise-command-centers-april-2025.pdf>

3. Oracle EBS Enterprise Command Centers — April 2026 Announcement

Oracle's most recent ECC release continues to broaden coverage with new command centers and enhanced exception/variance dashboards spanning operational and financial modules used in EBS R12.

Benefit for Al-Rashid (EBS R12 retained):

Confirms a steady delivery cadence: the AI/analytics overlay on top of EBS keeps growing each release, so departments at Al-Rashid (Engineering, Finance, Warehouses, Real Estate, Project Cost Control) gain new AI-driven views without upgrading the core ERP.

Source: Oracle — EBS ECC April 2026 Announcement (PDF)

<https://www.oracle.com/a/ocom/docs/applications/ebusiness/ebs-ecc-16-announcement.pdf>

4. Oracle E-Business Suite 12.2.15 — Continuous Innovation Release

EBS 12.2.15 (October 2025) adds new functional, mobile and integration capabilities while preserving customizations. Continuous innovation on Release 12.2 is Oracle's official model for keeping R12 customers modern.

Benefit for Al-Rashid (EBS R12 retained):

Al-Rashid can adopt AI capabilities incrementally on the same R12 platform — no big-bang re-implementation, no retraining users on a brand-new ERP UI.

Source: Oracle — Announcing Oracle E-Business Suite 12.2.15

<https://www.oracle.com/a/ocom/docs/applications/ebusiness/ebs-12215-announcement.pdf>

5. EBS Continuous Innovation on Release 12.2 — Roadmap

Oracle's published roadmap PDF describes how new functional advances, mobility, UI modernization and AI/cloud-complementary services are delivered on top of R12.2 — including practical coexistence with OCI services.

Benefit for Al-Rashid (EBS R12 retained):

Validates Al-Rashid's strategy to keep EBS R12 as the workflow engine and add AI capabilities through Oracle's documented coexistence patterns.

Source: Oracle — EBS Continuous Innovation on Release 12.2 (PDF)

<https://www.oracle.com/a/ocom/docs/applications/ebusiness/ebs-continuous-innovation-on-release-12-2.pdf>

6. Oracle Cloud Infrastructure (OCI) Generative AI

OCI Generative AI provides managed LLM services (chat, summarization, embeddings, document understanding) callable via REST. These services consume EBS data through standard EBS REST APIs and write back through the same APIs — no modification of EBS PL/SQL or forms.

Benefit for AI-Rashid (EBS R12 retained):

Engineering: GenAI summaries of long contract clauses pulled from EBS. Finance: invoice-PDF reading into EBS Payables. Project & Cost Control: change-order drafting and EAC narrative. Warehouses: demand forecasting on INV/PO history. (Marketing is excluded — does not run on Oracle.)

Source: Oracle — OCI Generative AI

<https://www.oracle.com/artificial-intelligence/generative-ai/>

7. Run Oracle E-Business Suite on Oracle Cloud Infrastructure

Oracle's official Information Portal for running EBS on OCI documents the integration patterns between on-prem/laaS EBS and OCI services — including data services, APIs, security, and DR. This is the technical foundation for plugging OCI AI services into EBS R12.

Benefit for AI-Rashid (EBS R12 retained):

Provides AI-Rashid's IT team with a vendor-supported integration blueprint: AI agents and OCI ML services connect to EBS R12 through Oracle-blessed channels, preserving security and audit posture.

Source: Oracle — Run E-Business Suite on Oracle Cloud Information Portal

https://docs.oracle.com/cd/E72030_01/infoportal/eb soc.html

8. Oracle E-Business Suite — Product Overview

Oracle's official product page lists the EBS modules already in use at AI-Rashid: Projects, Financials, Procurement, Inventory, HCM, Order Management, Logistics, etc. These are the systems of record that the AI layer will support across departments — except Marketing, which does not run on Oracle.

Benefit for AI-Rashid (EBS R12 retained):

Department mapping confirmed: Real Estate Development, Engineering, Finance, Warehousing, HR, and Project & Cost Control all keep EBS R12 as the workflow engine. Marketing is excluded from the EBS overlay because it operates on independent content/social tools.

Source: Oracle — E-Business Suite

<https://www.oracle.com/applications/ebusiness/>

9. Harvard Business Review — How AI Will Transform Project Management

HBR documents how AI assistants now provide instant project status updates, learn from past time entries and planning data, and tailor interactions to capture critical project information — all by reading from the existing system of record without replacing it.

Benefit for AI-Rashid (EBS R12 retained):

Independent endorsement of the 'augment, don't replace' pattern AI-Rashid is adopting on top of EBS R12: AI reads ERP data, surfaces insights and drafts actions, while the ERP remains the workflow engine.

Source: Harvard Business Review — How AI Will Transform Project Management (Feb 2023)

<https://hbr.org/2023/02/how-ai-will-transform-project-management>

Compiled by AI-Rashid AI Vision team — links open the original Oracle / publisher pages. Marketing is intentionally excluded from the EBS R12 AI overlay because it does not run on Oracle.