



Process Mining for Oracle EBS-to-Cloud ERP Transformation



Drive your Oracle Cloud ERP migration with speed, precision, and confidence. Relying on workshops or legacy documentation often leaves blind spots—especially with years of EBS customizations. Mindzie's process mining gives you end-to-end visibility into how work actually happens across Order-to-Cash, Procure-to-Pay, Financials, Projects, Manufacturing, and more. With a shared, data-driven baseline, teams identify inefficiencies, prioritize high-value fixes, and align on a pragmatic roadmap that reduces risk, cost, and time to value.

Process mining accelerates Oracle EBS-to-Cloud migrations by revealing real execution paths, guiding data-driven scope cuts, reducing customizations, and enabling continuous improvement before and after go-live.

Understand Your As-Is EBS Landscape

A successful Oracle Cloud transition starts with a factual view of today's EBS processes—not the way they're "supposed" to run.

- Visualize real flows & variants across EBS (e.g., OM, AR, AP, PO, INV, WIP, GL, Projects).
- Benchmark with prebuilt KPIs (cycle times, rework rates, manual touches, maverick buying, payment terms leakage, early/late deliveries).
- Surface process debt: customizations, workarounds, and non-standard paths that will break or bloat the Cloud design.
- Quantify business impact to focus on what matters (cost, working capital, service levels, compliance).

Simplify and Standardize for Oracle Cloud

Oracle Cloud favors configuration over code. Use mining insights to rationalize before you migrate:

- Retire or replace EBS customizations by proving what's unused or low-value.
- Harmonize process variants across regions/BUs to fit Cloud best practices.
- Right-size integrations and extensions (APEX, OIC, reports) to what the business truly needs.
- Prepare data & chart of accounts using factual usage patterns (inactive suppliers, duplicate items, open balances, cross-validation violations).



Mitigate Risks

Proactively attack migration risks with evidence instead of assumptions:

- Catch compliance and SoD hot spots (manual price overrides, three-way match exceptions, duplicate invoices).
- Identify change-management trouble spots (teams with heavy rework/manual effort).
- Reduce surprises by reconciling mined event data with conversion plans and cutover steps.

Build a Targeted Migration Roadmap

Make the plan measurable and defensible:

- Prioritize high-return, low-risk waves based on effort vs. value (variant elimination, automation, scope cuts).
- Allocate resources with interactive dashboards tied to KPIs and owners.
- Define acceptance criteria (lead-time targets, touchless rates, on-time payment/delivery) for each wave.
- Track readiness continuously from design through CRP/UAT to cutover.

Optimize Continuously Post-Go-Live

Keep momentum after Cloud go-live:

- Monitor key processes in real time to spot regressions and adoption gaps.
- Prove ROI by tracking before/after KPIs and converting gains into dollars (DPO/DDSO, inventory turns, expedite fees).
- Find automation candidates (invoices, POs, credits, journal entries) and expansion opportunities to adjacent processes.
- Institutionalize continuous improvement with role-based views for operations, finance, and IT.

Summary

A data-driven EBS-to-Cloud migration replaces guesswork with transparency. By mining real execution data, you can simplify designs, retire unnecessary customizations, de-risk cutover, and sustain value after go-live. Mindzie's process mining aligns stakeholders around facts and measurable outcomes—accelerating timelines while improving quality and compliance.



Challenges

A global services company planned to migrate from Oracle EBS to Oracle Cloud ERP. Years of bespoke workflows and bolt-ons obscured how processes truly ran. Duplicate suppliers, inconsistent approval paths, and invoice exceptions caused delays and reduced early-payment discounts. The team lacked evidence to decide which custom objects, reports, and integrations to retire.

Approach

Mindzie connected to EBS modules for Order-to-Cash, Procure-to-Pay, and Record-to-Report, ingesting event logs and key attributes (orders, deliveries, receipts, invoices, journals). Process mining mapped end-to-end flows, quantified rework and manual steps, flagged unused customizations, and modeled proposed Cloud approval and matching rules. A fact-based roadmap prioritized standardization, data cleansing, and extension minimization.

Key Findings

- 44% of AP invoices followed non-standard paths; 28% required rework due to missing PO/receipt data.
- 31% of custom reports and interfaces had no usage in 12 months.
- >220 distinct O2C variants across regions; 7 variants covered 82% of volume.
- Payment-term leakage equaled \$1.2M in lost discounts annually.

Outcomes

- 18–25% reduction in migration scope by retiring low-value customizations and reports.
- 2–4 months acceleration of project timeline via earlier design convergence.
- \$2–4M projected annual benefits from terms adherence, fewer expedites, and touchless processing.
- Established live control panels post-go-live to sustain improvements.



Post-Migration Advantages

With Oracle Cloud live, mining continues to track adoption, spotlight new bottlenecks, and validate controls (three-way match, approvals, credit exposure). The team uses weekly KPI reviews to prioritize automations and maintain compliance while expanding to Projects and Manufacturing.