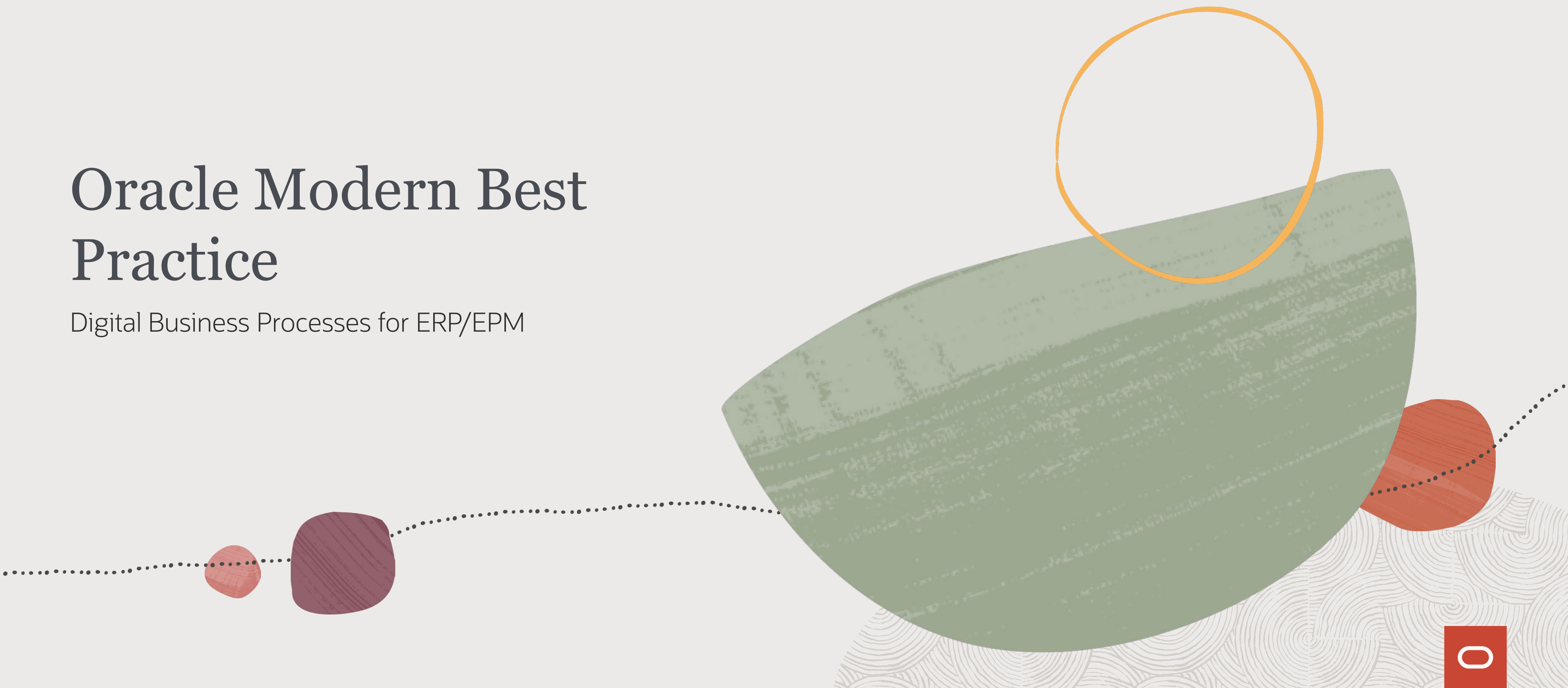


Oracle Modern Best Practice

Digital Business Processes for ERP/EPM



Safe harbor statement

The following is intended to outline our **general** product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions.

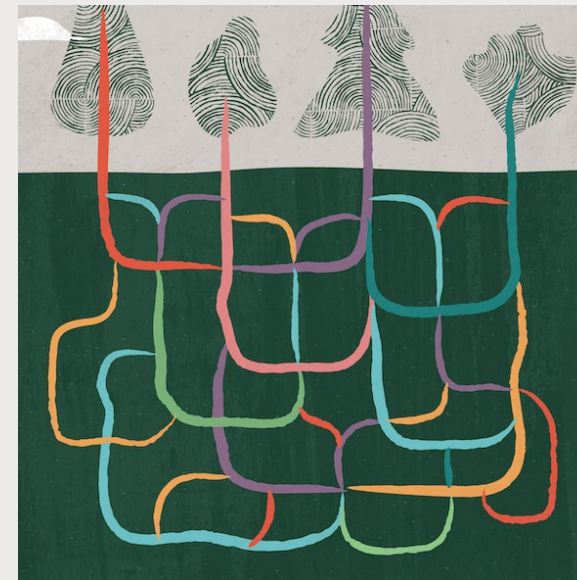
The development, release, timing, and pricing of any features or functionality described for Oracle's products may change and remains at the sole discretion of Oracle Corporation.

What is Oracle Modern Best Practice?

www.oracle.com/modernbestpractice



Digital business processes that evolve with you



End-to-end across the organization



Radically superior results



Leverages latest technologies

Modern Best Practice for ERP/EPM

Financial Management

- Period Close to Financial Reports
- Report to Forecast
- Period Close to Tax Provision
- Tax Provision to Country-by-Country Reporting (CbCR)
- Bank Transactions to Cash Position
- Asset Acquisition to Retirement
- Lessee Lease Abstract to Termination
- Lessor Lease Abstract to Termination
- Customer Invoice to Receipt
- Customer Deductions to Settlement
- Customer Statements to Collections
- Customer Contract to Revenue
- Expense Report to Reimbursement
- Joint Venture Accounting to Settlement

Project Management

- Project Plan to Delivery
- Project Contract Billing to Revenue Recognition
- Project Costs to Accounting
- Capital Project to Asset
- Resource Analysis to Utilization
- Grant Award Funding to Closeout

Procurement

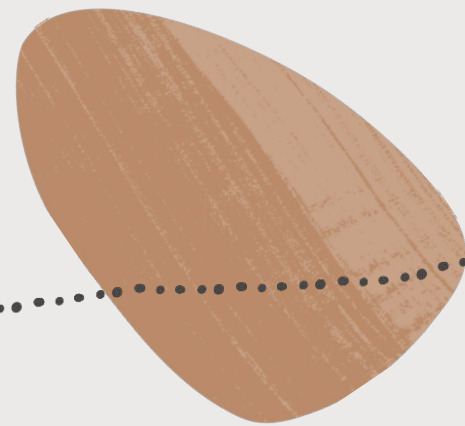
- Insight to Sourcing
- Supplier Registration to Spend Authorization
- Contract Creation to Procurement Compliance
- Requisition to Payment
- Supplier Invoice to Payment

Risk Management and Compliance

- Secure Role Design to User Access Control
- Separation of Duties (SoD) to User Access Certification
- Internal Controls Automation to Certification



Financial Management



Period Close to Financial Reports

Close Subledgers

Monitor enterprise-wide close status. Interact on and finalize outstanding sub-ledger transactions and exceptions.

Close Pro Forma Ledgers

Prepare and review preliminary financial statements. Prioritize outstanding transactions based on initial results.

Reconcile Accounts

Reconcile sub-ledgers to general ledger, automatically matching transactions to entries.

Close Ledgers

Route close tasks to task owners automatically. Collaborate to streamline the close for each entity. Monitor enterprise-wide close status.

Consolidate Subsidiaries

Transform results of each subsidiary to the corporate chart of accounts. Revalue nonmonetary balances and translate to the corporate currency. Eliminate intercompany activity and minority interest.

Review and Confirm Financial and Management Reports

Review consolidated results, using the same reports as each subsidiary where applicable, and enter final adjustments. Automatically detect unusual journal activities. Certify internal control over financial reporting (ICFR).

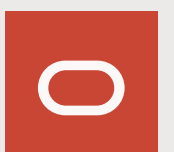
Publish and Securely Share Financial Statements

Distribute financial statements to all interested parties, leveraging collaboration to incorporate feedback.

Update Financial Forecasts

Modify forecasts and financial plans in light of the results from the just-closed period.

Product Mix: ERP Financial Management; ERP Enterprise Performance Management (EPM)
Key Metrics: time to close books; time to publish reports



Report to Forecast

Close Current Period

Review and adjust allocations for shared resources and taxes. Report actuals by line of business on daily, monthly, or other frequent close periods.

Update Forecast with Actual Data

Create a new forecast scenario to replace the current period forecast with actuals.

Roll Forecast Forward

Extend the forecast horizon to incorporate actuals for a forward outlook. Leverage machine learning (ML) to formulate predictions and get insights on hidden trends, correlations, and anomalies.

Assess Variances

Review actuals versus forecast. Leverage ML-generated insight to identify significant variances and their root causes.

Revise Forecasts

Review ML-generated predictions for needed updates. Model potential business impact using what-if profitability and cost scenarios. Collaborate with line-of-business leaders for adjustments.

Review and Approve Forecasts

Route revised forecasts for review and approval based on business rules. Get notifications and status updates on approval progress using a dashboard.

Create Management Reports

Automatically generate reports based on the latest data. Collaborate with reviewers for feedback, make revisions, and monitor review progress using a dashboard.

Product Mix: ERP Financial Management; Enterprise Performance Management (EPM)

Key Metrics: % variance; time to analyze variance; time to update forecast



Cloud Mobile Analytics Collaboration AI/ML



Period Close to Tax Provision

Complete Tax Pre-Close Tasks

Schedule, assign, collaborate, and monitor enterprise-wide tax-related tasks using a centralized dashboard. Automatically route tasks for review and approval based on business rules. Get notifications for task exceptions and milestone attainment.

Calculate Transfer Pricing Allocations

Review and set transfer prices to maximize tax benefit while complying with regulations. Automatically execute allocation rules.

Calculate Tax Provisions

For each jurisdiction, automatically calculate tax provisions from ledger results based on current tax rates, rules, and applicable return to accrual adjustments. Review and approve adjustments using secure collaborations.

Finalize Tax Provision Reporting

Review and approve statutory and consolidated tax rates. Calculate and adjust tax account roll forward.

Post Tax Provision

Post tax journal entries. Book Return to Accrual for entities with new return filing.

Review Financial Reporting

Automatically generate tax provision reports for managerial review. Create and incorporate tax footnotes for financial reporting.

Product Mix: ERP Financial Management; Enterprise Performance Management (EPM)
Key Metrics: no. and amount of return to provision adjustments; person-hour for tax preparation



Tax Provision to Country-by-Country Reporting (CbCR)

Complete CbCR Tasks

Coordinate and execute the required steps to initiate the Country-by-Country Reporting process and ensure compliance with global tax regulations.

Manage CbCR Data

Collect, validate, and manage financial and tax data for all reporting entities in accordance with OECD CbCR guidelines. Maintain a clear audit trail of all data sources and adjustments.

Review KPIs and Finalize CbCR

Assess key tax and financial metrics to validate data consistency, finalize calculations, and prepare the CbCR report for generation.

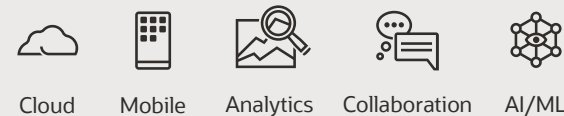
Complete Master and Local File

Prepare Master File and Local File documentation required by tax authorities, in accordance with OECD and local country requirements.

Generate and Submit XML to Tax Authority

Generate the XML schema-compliant CbCR report and electronically submit it to relevant tax authorities.

Product Mix: ERP Financial Management; Enterprise Performance Management (EPM)
Key Metrics: Income Tax Paid Ratios YoY; Income Tax Accrued Ratios YoY; Country-by-Country Report



Bank Transactions to Cash Position

Review Activities

Review automated aggregation of disbursements, payroll, collections, investments, and borrowing and view highlighted differences and variances to plans using a secure role-based dashboard.

▶ Bank Validation

Conduct daily interfaces with banks featuring automatic comparison of records, and automatic adjustment of fees and minor differences. Align daily balances.

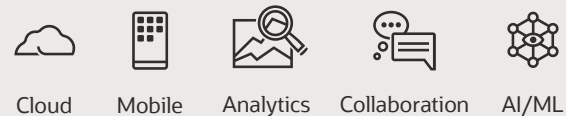
▶ Initiate Interbank Activities

Execute global cash management. Optimize balances across accounts using zero balance schemes, and so on. Perform real-time reviews of bank positions.

▶ Manage End of Period Positions

Automate month-end statement reconciliation. Achieve balance sheet optimization with automatic updates to forecasts and plans.

Product Mix: ERP Financial Management
Key Metrics: time to reconcile; no. of reconciliations



Asset Acquisition to Retirement

Acquire Assets

Globally record all asset acquisitions at all locations resulting from purchases, projects, and contracts. Interact on open issues, questions, and approvals using secure collaboration tools.

Recognize and Register Assets

Automatically recognize assets on purchase. Manage dashboard-driven placement into service with useful life definition and tax valuation.

Depreciate Assets

Automatically calculate depreciation and rule-based assignment to cost centers. Automatically track depreciation tax breaks and deferrals.

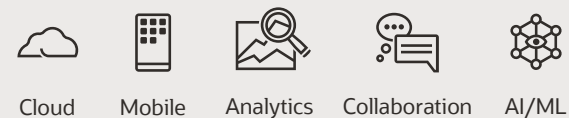
Derecognize and Dispose of Assets

Manage valuations, disposals, derecognition, and retirements in compliance with legal requirements, maintaining accounting and tax position alignment.

Manage Asset Insights

Actively manage fixed assets using secure role-based dashboards, allowing centralized monitoring, alerts, reassignment, and period close for all locations.

Product Mix: ERP Financial Management; ERP Project Management; SCM Procurement
Key Metrics: Fixed Asset Turn Over Ratio; % fixed asset loss



Lessee Lease Abstract to Termination

Capture Lease Data

Record key elements of leases, including key dates, assets and properties, payment schedules, options, rights and obligations, and relevant documents. Use spreadsheets to accelerate manual data entry.

Approve Lease Records

Route all new lease records and subsequent amendments to the appropriate approvers based on authority and business rules.

Manage Accounting

Create journal entries for right-of-use (ROU) assets and lease liabilities and calculate period-end balances and lease expenses according to standards, such as ASC 842 and IFRS 16. Automatically reflect contract modifications.

Manage Payments

Support complex payment increase schemes, such as pegging to consumer price index (CPI). Automatically transfer approved lease invoices to accounts payable.

Manage Amendments

Easily incorporate new contract amendments, impairments, exercise or cancel options, and manage nonfinancial data with appropriate review and approval. Maintain contract history with easy access to prior versions.

Support Disclosures

Provide detailed data for portfolio reporting and financial statement disclosure in compliance with local reporting standards.

Manage Terminations

Easily process full or partial terminations of contracts based on termination effective dates. Automatically mark contracts as expired for those reaching end-of-term (EOT).

Product Mix: ERP Financial Management

Key Metrics: lease administration hours per month; hours for lease reporting



Cloud Mobile Analytics Collaboration AI/ML



Lessor Lease Abstract to Termination

Define Properties

Establish a centralized repository for real estate holdings with standardized property information. Use spreadsheets to accelerate manual data entry.

Capture Lease Data

Record key elements of leases, including key dates, assets and properties, cash flows, options, rights and obligations, and relevant documents. Use spreadsheets to accelerate manual data entry.

Approve Lease Records

Route all lease booking and contract amendment records to the appropriate approvers based on authority and business rules.

Manage Accounting

Set rules and appropriate accounts to streamline journal entry creation for lease booking, expense, revision, payment approval, termination, and lease and nonlease income accrued during an accounting period.

Manage Billing

Generate customer invoices from lease contract payment schedules and transfer them to accounts receivable. Review associated customer invoices from lease payment schedules.

Incorporate Amendments

Automatically route approval reviews for changes, including contract amendments, impairments, exercise or cancel options, and nonfinancial data updates, based on business rules. Maintain contract history with easy access to prior versions.

Manage Terminations

Easily process full or partial terminations of contracts based on termination effective dates. Automatically mark contracts as expired for those reaching end-of-term (EOT).

Product Mix: ERP Financial Management
Key Metrics: Lease Revenue Recognition



Customer Invoice to Receipt

Create and Manage Transactions

Automatically generate customer invoices, credit and debit memos from sales fulfillment transactions based on business rules. Review status using role-based dashboards.

Send Invoices

Send customers discrete invoicing documents or consolidated statements using a preferred format and delivery method (mail, email, or B2B ecommerce message).

Address Billing Issues

Manage customer disputes and billing issues with role-based dashboard. Collaborate on investigations using a secure social platform. Apply corrections (credit or debit memos) and refunds after required review and approval.

Process Payments

Automatically match receipts to invoices even without remittance advice using configurable rules or scoring engine. Handle exceptions with help from recommendation algorithm.

Manage Adjustments

Close receipts and invoices with remaining balances based on company policy and approval limits.

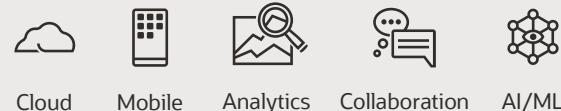
Post Receivables Activities

Automatically post all approved receivables activities to the general ledger to ensure current account balances.

Schedule Receivables Close

Stay on predetermined close schedule. Use integrated inquiry, reporting, and analysis tools to review and reconcile account balances. Post period close entries and close receivables period.

Product Mix: ERP Financial Management
Key Metrics: avg. invoice age; DSO; % disputed invoices



Customer Deductions to Settlement

Receive Short Payment

Automatically identify and record short payments. Match payments with invoices and identify discrepancies. Automate matching of deductions with corresponding sales or trade promotions. Use AI and machine learning to automatically classify deduction reasons based on transaction patterns.

Assign Claim

Automate workflow routing for dispute resolution to expedite claim assignments. Assign deductions to the appropriate department for review. Prioritize deductions based on claim value, customer risk level, and deduction frequency. Assess customer risk levels and flag frequent deduction requests.

Research and Resolve

Investigate claims by reviewing contracts, sales orders, and delivery documents. Determine whether a deduction is valid or requires dispute with the customer. Use AI-driven insights to suggest possible resolution actions based on historical data. Link trade promotions and customer agreements to deductions.

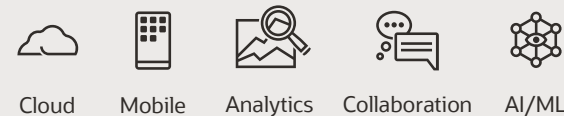
Approve Claim

Use automated approval workflows to reduce manual effort. Approve valid deduction claims and update financial records. If the claim is invalid, notify the customer and request repayment. Integrate with payables and receivables to ensure smooth adjustment processing. Leverage real-time reporting to monitor deduction approval trends.

Settle Claim

Settle approved claims by adjusting outstanding balances, issuing credits, or processing repayments. Record final resolutions for audit and future reference. Integrate with general ledger to update financial statements with settled claims. Automate cash application and use AI-powered reconciliation to speed settlement processing.

Product Mix: ERP Financial Management
Key Metrics: AR Avg Days Outstanding; AR Overdue to Total Outstanding %; Risk Amount



Customer Statements to Collections

Generate Customer Statements

Easily identify and prioritize delinquent customers with dashboard access to collection risk scoring and overdue payment analysis. Send statements and dunning correspondence using mail, email, or fax.

Apply Collection Strategies

Implement various collection strategies to suit business needs by grouping collection tasks into standardized courses of action. Automatically apply actions to delinquent accounts based on risk scoring. Review and change assignments if needed.

Manage Collection Activities

Gain complete visibility to transactions, payments, correspondence, disputes, and adjustments using role-based dashboards. Organize related delinquencies using case folders. Record customer interactions at the customer, delinquency, or case level.

Manage Settlement

Initiate disputes on behalf of customers for review and approval within and across departments based on business rules. Record and track promise-to-pay agreements. Apply payments and commitments at the delinquency or case level.

Optimize Collection Efficiency

Automatically assign new account delinquencies to agents. Get key metrics on customers and team performance, monitor workload, and balance team assignments using a centralized dashboard.

Monitor Outstanding Receivables

Gain insight on the health of outstanding receivables using industry-standard metrics, including days sales outstanding (DSO), broken promise count, and collection effectiveness index (CEI). Adjust assignment and collection strategies to address problem areas.

Product Mix: ERP Financial Management

Key Metrics: no. of delinquent accounts; time to settlement; time to manage



Customer Contract to Revenue

Analyze Revenue Policies and Collect Transaction Data

Leverage a central repository to manage relevant revenue data from various sources, including orders, subscriptions, projects, receivables, other fulfillment activities, and so on. Group and analyze revenue data to automatically derive standalone selling prices based on historical data.

Identify Accounting Contracts with Customers

From the collected data, automatically identify and create accounting contracts with customers based on business rules in compliance with ASC 606 and IFRS 15 standards and company revenue policies.

Identify Performance Obligations

For each contract, automatically identify and create material, distinct performance obligations.

Determine Transaction Price

Sum up the values of all expected deliveries of goods and services in an accounting contract, including estimates on variable considerations, such as usage and consumption. Review high-value contracts and manage exceptions on a centralized dashboard.

Allocate Transaction Price

Automatically allocate the transaction price of a contract to its distinct performance obligations based on relative standalone selling price.

Recognize Revenue

Automate revenue recognition for performance obligations and derecognize corresponding contract assets and liabilities based on events such as invoicing and fulfillment of goods or services.

Manage Revisions and Variations

Process revenue contract modifications and revise revenue accounting prospectively or retrospectively. Review contract versions and impacts.

Product Mix: ERP Financial Management

Key Metrics: time from fulfillment event to revenue recognition; no. of revenue accounting entries per reporting period



Expense Report to Reimbursement

Capture Expenses

Create expenses by snapping receipts over mobile devices, forwarding electronic receipts, texting a digital assistance, or picking transactions from securely connected credit cards. Integrate with travel services for rule-based bookings and automated expense creation from approved trips.

Submit Expense Reports and Cash Advance Requests

Submit expense reports on the go with any mobile device. Get answers easily from digital assistant on status, policies, and so on.

Manage Approvals

Route approvals automatically according to predefined business rules. Approve from email, mobile device, or worklist over a web browser. Automatically notify employees upon approval.

Audit Expense Reports

Leverage audit policies, audit lists, and selection criteria to automate expense report audit processes in compliance with business policy. Adjust expense controls if needed.

Process Reimbursement

Automatically process payments for approved expenses and notify employees.

Analyze Trends

Get insights on recent spending and trends with graphical analysis and visualization to guide future expense policy adjustments and contract negotiation with vendors.

Product Mix: ERP Financial Management
Key Metrics: Employee Expense Reimbursement Cycle Time; Auto Audit Percentage; Employee Expense Approval Cycle Time



Joint Venture Accounting to Settlement

Define Joint Operation Agreement Terms

Create and maintain the joint venture definition to ensure it is up to date with the latest agreement. Set up business rules to identify accounting transactions related to a joint venture.

Manage Partner Contributions

Record cash advances from partners to fund ongoing operations.

Calculate Overhead

Generate transactions with overhead amounts based on the specified overhead calculation rules for the joint venture.

Identify Transactions

Automatically identify accounting transactions related to joint venture operations based on business rules established in the agreement. Review and resolve exceptions using a centralized work area.

Distribute Transactions

Automatically create distributions from joint venture transactions. Review distributions, make adjustments, and resolve issues using a centralized work area.

Process Partner Settlement

Draw from partner contributions and generate payable invoices for revenue distributions, receivable invoices for cost distributions, and internal transfer journals.

Support Reporting

Supply financial reports, including joint interest billing reports and audit reports. Get up-to-date operational insights using dashboards.

Product Mix: ERP Financial Management

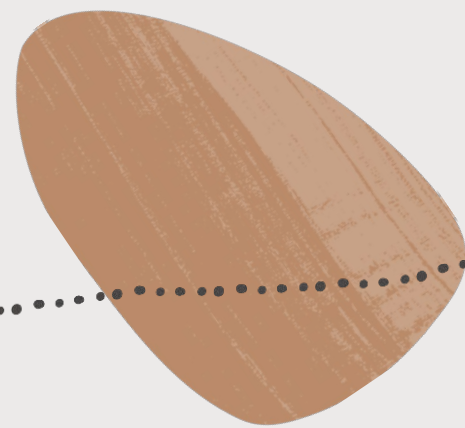
Key Metrics: time for period-end settlement; no. of transactions processed per employee



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Project Management



Project Plan to Delivery

Initiate Project

Ensure stakeholder approval of timelines and deliverables is in place, and that needed resources, including equipment, personnel, and funds, are properly allocated.

Budget and Forecast Costs

Estimate costs and determine the project budget based on the funding agreement. Forecast revenue and profit margins for client projects.

Tasks and Deliverables

Collaborate on project tasks, daily work, deliverables, documents, and milestones. Manage and execute work.

Monitor Progress and Analyze Trends

Understand project health and performance trends to optimize efficiency and spot potential issues.

Predict and Avoid Issues

Leverage analytics to anticipate project issues before they occur and make proactive adjustments to avoid setbacks.

Deliver and Communicate

Complete the execution of project deliverables. Communicate results to customers, stakeholders, and team members.

Product Mix: ERP Project Management

Key Metrics: Project Current Budget Margin - ITD (PLC); Project Current Forecast Revenue - ITD (PLC); Project Burden Cost (PLC)



Project Contract Billing to Revenue Recognition

Manage Project Contracts

Streamline the contract authoring process using templates. Associate projects to contracts and apply negotiated billing terms. Set revenue recognition rules. Automatically route contracts for review and approval based on business policies.

Manage Invoicing

Automatically generate internal or external invoices for performed service according to contract terms. Manage invoicing activities, resolve exceptions, and review pro forma invoices with tax calculation on a centralized work area before transferring to receivables.

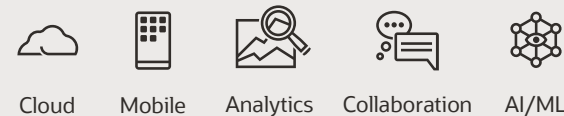
Recognize Revenue

Independent of billing activities, generate external, intercompany, or interproject revenue distribution in line with financial regulations. Perform revenue trend analysis based on real-time progress.

Monitor Project Contract Performance

Compare budget and contract terms with actual costs and trends to determine current and forecasted profit margin or loss. Amend contract if needed. Automatically reflect new contract terms on applicable transactions based on effective dates.

Product Mix: ERP Project Management; ERP Financial Management
Key Metrics: time to invoice; invoice cycle time; project revenue reporting time



Project Costs to Accounting

Capture Project Costs

Use transaction and budgetary controls to standardize and automate cost collection for all project-related expenditures. Record billable, capital, or internal project costs.

Analyze Financial Trends

Compare budgets to actual costs. Analyze account activity and reconcile balances. Perform online adjustments to recalculate or transfer costs.

Adjust to Budget Changes

If budget changes occur mid-project, analyze options and make adjustments to increase or decrease project spend as needed.

Distribute Overhead Costs

Apply the buildup of indirect costs to expenditure items to report and account for total project costs.

Record Accounting for Project Costs

Generate and post enterprise-level accounting entries for costs, adjustments, allocations, and accruals.

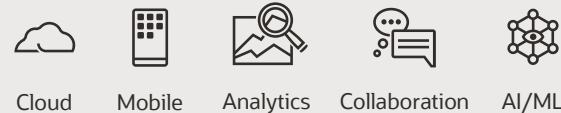
Record Capital Asset Costs

If applicable, record capital asset costs for the project and calculate simple or compound capital interest.

Allocate Project Costs

If or when the project benefited from the costs, allocate overhead costs, such as salaries and administrative overhead.

Product Mix: ERP Project Management; ERP Financial Management
Key Metrics: budget variance; planned value; cost performance index



Capital Project to Asset

Initiate Capital Project

Create capital projects to capture the costs of building, installing, or acquiring capital assets. Set rules to determine capitalizable costs at the task and project level.

Set Control Budget

Enforce expenditure compliance for sponsored and nonsponsored project transactions with a centralized budgetary control. Set control level, track and report spending, and manage exceptions using dashboards.

Set Allocation Rules

Set grouping rules to sum up cost transactions to a specific asset and allocation rules to distribute common expenditures among associated assets.

Capture Costs

Execute capital projects. Gain a full view of project expenditures by recording both capitalizable and expensed costs from time and labor, procurement, and financials, such as capitalized interest. Review cost entries, make adjustments, and manage project costs on dashboards.

Determine Capitalization Value

Automatically derive construction-in-process (CIP) asset values over the project duration based on expenditure grouping and allocation rules.

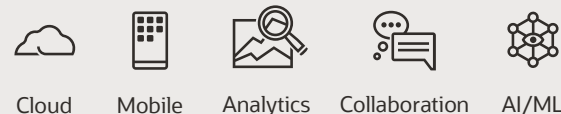
Capitalize Asset

Based on the nature of the business, determine the transfer schedule of CIP assets to fixed assets. Choose to do this periodically, using a phased approach, or upon project completion. Automate periodic transfers. Review and adjust capital project costs on dashboards.

Generate Accounting Entries

Automatically create accounting entries for CIP costs and capitalized assets.

Product Mix: ERP Project Management; ERP Financial Management
Key Metrics: duration to process project costs; duration to capitalize CIP assets



Resource Analysis to Utilization

Review Project Talent

Leverage HR data, such as skills and competencies, to analyze global project resource pools for talent availability, cost, and skillset fit.

Analyze Resource Demand

Compare resource capacity with demand to identify surplus and shortfall. Standardize and streamline resource requests.

Find and Evaluate Candidates

Identify candidates through resume-based searches from available internal and external staff.

Compare and Shortlist Candidates

Use what-if scenarios and side-by-side comparisons to create shortlists of the best candidates for the project.

Assign Resources

Assign the best-fit resources to the project per skillset and availability. Adjust as needed per changes to scope and priority.

Maximize Utilization

Analyze projected, targeted, and actual utilization. Take insight-based action to optimize resource staffing.

Nurture Project Talent

Align project assignments with team member career goals and development interests to maintain high morale and low turnover.

Product Mix: ERP Project Management

Key Metrics: % resource utilization; training/research person-hour needed for project



Grant Award Funding to Closeout

Receive Awards and Fund Projects

Create awards from templates or through integration with a proposal system. Allocate funding to all eligible projects based on award period on any device.

Manage Awards and Budgets

Collaborate in context on awards and projects. Apply budgets by category and award period. Prevent overspend with an interactive funding matrix for cost control.

Incur Direct Costs and Allocate Indirect Costs

Calculate, apply, adjust, account, and invoice direct and indirect costs at institution, department, or award-specific rates.

Manage Billing and Drawdown

Invoice sponsors in their desired format, use the SF 270 form, or bill through a letter of credit.

Monitor Award Performance

Visualize current spending status and drill into funding, budget, commitments, expenditure details, and related conversations using a dashboard from any device.

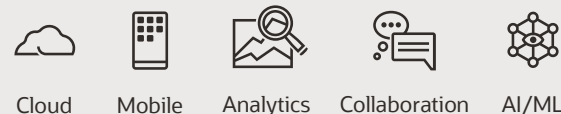
Submit Technical and Financial Reports

Comply with billing and reporting requirements of sponsors and internal controls using flexible reporting systems.

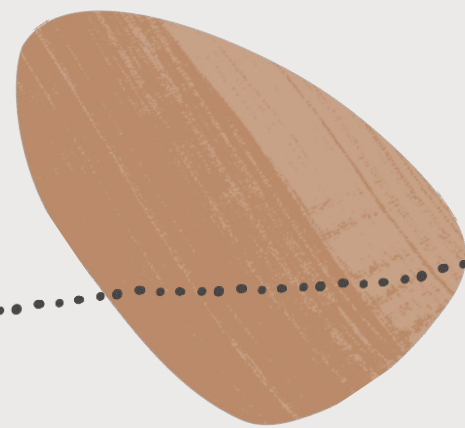
Close Awards

Review awards and sponsored project-related activities, analytics, documents, and conversations to ensure completeness and compliance.

Product Mix: ERP Project Management; ERP Financial Management
Key Metrics: award vs. spend; no. of compliance issues



Procurement



Insight to Sourcing

Identify Opportunity

Focus on high-impact opportunities by analyzing spending patterns and supplier performance.



Create Sourcing Event

Ensure policy-compliant negotiations through step-by-step guidance and templates. Leverage question library or author new requirements to align with business needs. Publish events to invite suppliers for participation.



Engage with Suppliers

Provide suppliers with a centralized portal to access and monitor sourcing activities, post messages, and submit responses either online or using a spreadsheet.



Monitor Negotiation

Get up-to-date event progress using a dashboard to review supplier responses and activities and compare submissions. Extend, pause, or close the event based on responses.



Evaluate and Award Negotiation

Streamline decision-making with detailed analysis and comparison of supplier responses and consolidated scoring from subject matter experts. Automatically notify suppliers of award decisions.



Finalize Contract

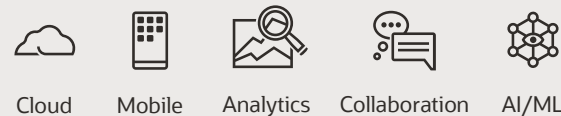
Streamline contract creation by automatically applying terms and conditions from negotiation events and exception-based approvals. Finalize contract terms and conditions and create purchase documents to track fulfillment activities.



Realize Savings

Automatically apply pricing and terms to covered purchases to maximize contract savings. Track sourcing programs and measure performance against predefined sourcing goals using dashboards.

Product Mix: ERP Procurement
Key Metrics: Non-contract purchase rate; price savings amount



Supplier Registration to Spend Authorization

Register Prospective Supplier

Send secured links or set up a public landing page to collect prospective supplier company profiles and product or service data in a structured format. Leverage business data services to ensure record consistency and accuracy. Use questionnaires to capture responses to additional registration questions.

Review and Approve Registration

Streamline approval review by automatically routing registration requests to reviewers based on business rules. Incorporate supplier intelligence services for up-to-date scoring and risk signals, such as organization turnover and financial performance.

Evaluate Supplier Qualifications

Assess supplier capabilities for business needs. Standardize assessment criteria with reusable questionnaires. Automatically notify designated reviewers based on business rules. Mitigate supplier risk with up-to-date supplier intelligence.

Authorize for Spending

Automatically add qualifications to supplier records. Confirm supplier readiness, including remittance bank accounts, system access privileges, and compliance acknowledgements.

Begin Transacting

Suppliers share information, participate in sourcing events, advise of changes on purchase orders, and manage invoices and payments using a secure portal.

Product Mix: ERP Procurement

Key Metrics: avg. person-hour to qualify a supplier; no. of suppliers per category or critical item



Contract Creation to Procurement Compliance

Author Contracts

Create contracts through guided authoring or by assembling preapproved standard terms and conditions. Maintain contract quality with templates formatted for consistent printing and electronic transmission.

Manage Deviations

Capture revisions during authoring and negotiation. Enforce policy compliance with mandatory validation and approval. Automatically recognize important deviations from standard policies and route for approval.

Approve and Accept Contracts

Route contracts through the approval hierarchy based on preset rules. Manage electronic signatures.

Apply to Purchasing Agreements

Easily locate governing contracts using secure search to cover applicable execution documents, such as agreements and purchase orders.

Promote Compliance

Publish goods and services covered by contracts on a procurement portal to promote utilization. Automate order creation from contracted suppliers with risk controls to spot potential fraud. Use dashboards to obtain visibility into contract utilization, terms, value leakage, and KPIs.

Product Mix: ERP Procurement

Key Metrics: Price change amount; contract leakage rate



Requisition to Payment

Create Requisitions

Quickly find needed goods and services from approved catalogs with consumer-friendly user interface on any device.

Approve Requisitions

Automatically route requisitions for approval based on predefined business rules, including thresholds, reporting hierarchies, and purchasing categories. Review and approve requisitions on any device. Enforce separation of duties (SoD) rules and monitor violations.

Create Purchase Orders

Automate purchase order creation for approved suppliers based on negotiated pricing and contract terms.

Approve Purchase Orders

Automatically route purchase orders for approval based on predefined business rules.

Dispatch Purchase Orders

Automatically deliver approved purchase orders over secure electronic channels or supplier portals.

Receive Goods and Services

Record goods and services received to trigger automated accounts payable matching.

Manage Invoices

Receive supplier invoices over secure electronic channels or supplier portals. Leverage machine learning to recognize scanned or printed formats. Automate invoice approval based on predefined business rules. Handle exceptions and manual approval on any device.

Process Payments

Optimize payment timing and discounts based on business goals. Process electronic payments, automated pay runs, or off-cycle payments.

Product Mix: ERP Procurement; ERP Financial Management
Key Metrics: processing cost per purchase order; procurement cycle time



Supplier Invoice to Payment

Manage Supplier Invoices

Process electronically or scan invoices with rule-driven routing to automate invoice processing. Use spreadsheets to speed up manual entry. Automatically raise alerts on separation of duties (SoD) violations or unusual supplier relationship.

Manage Audits, Disputes, and Approvals

Match invoices to required documents including purchase orders, receipts, inspection acceptance, and VMI consumption. Manage rules-driven approvals across any device or desktop. Resolve disputes and holds using a role-based dashboard and secure social interaction.

Manage Prepayments and Discounts

Optimize payment timing and discounts based on business goals and supplier intelligence from transaction history and real-time events. Manage prepayments on any devices. Automatically detect unusual or fraudulent payments.

Settle Liabilities

Actively monitor and process supplier and statutory liabilities using a secure interaction. Process electronic payments, automated pay runs, or off-cycle payments.

Review Daily Activity

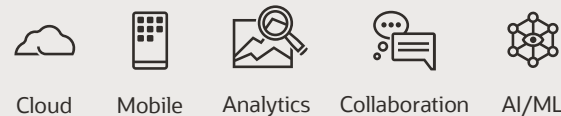
Review and analyze daily financial activity and monthly progress.

Schedule Payables Close

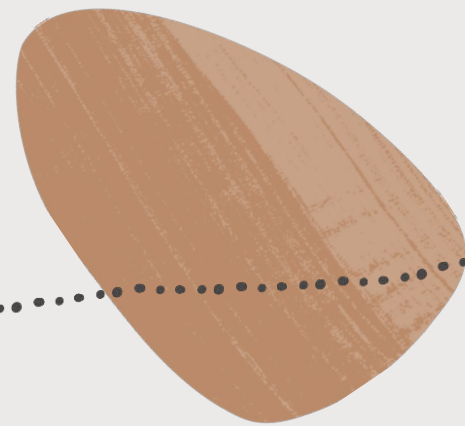
Stay on predetermined close schedule. Review payables register, trial balance, and reconciliation reports. Close payables period.

Product Mix: ERP Financial Management

Key Metrics: no. of payments; invoice payment days; % discount taken



Risk Management and Compliance



Secure Role Design to User Access Control

Activate SoD and Sensitive Access Monitoring

Select and activate prebuilt algorithms from a library of best practices to monitor separation of duties (SoD) and sensitive access. Add conditions and exceptions based on risks and needs.

Configure Roles

Identify and eliminate inherent security risks in role design with automatic testing of configured roles using test users. Get detailed reports on SoD violations, including data security.

Monitor Transaction SoD

Deploy prebuilt algorithms to check actual SoD violations on all critical transactions, such as purchases orders and invoices. Add new SoD rules to meet new audit standards.

Enable Access Requests

Provide a centralized area for users to request access authorization and record justifications. Automatically route requests to designated approvers, such as managers and business process owners.

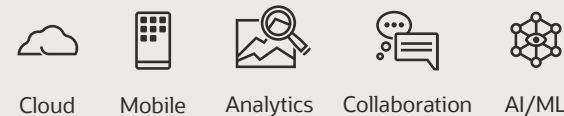
Maintain User Access Control

Reviewers get automate checking for SoD conflicts before approving user role requests. Document exceptions and justifications from business process owners.

Publish Access and Exception Reports

Automate periodic reporting for audit and compliance.

Product Mix: ERP Risk Management and Compliance
Key Metrics: % of critical roles with segregated duties; no. of SoD conflicts identified; time to resolve SoD conflicts; no. of access control violations



Separation of Duties (SoD) to User Access Certification

Monitor Sensitive Access and SoD

Monitor unusual access to sensitive data and separation of duties (SoD) risk by deploying prebuilt security rules aligned with organization priority. Get dashboard reports on roles and users with SoD conflicts and drill down to details.

Monitor Transactions for SoD

Monitor user activities for actual SoD violations by deploying prebuilt security rules aligned with organization priority. Get dashboard reports on noncompliant business transactions and drill down to details.

Address Issues

Leverage graphical visualization and simulation tools to identify root cause and determine course of action. Assign to domain experts, remediate the incidents, or accept the risk.

Review and Update Active Controls

Periodically review the list of deployed security rules to make sure they are aligned with the latest organization needs. Adjust security rules or add new ones as needed.

Review and Certify User Access

Get periodic reminders to review and certify data access is in sync with individual job roles. Ensure timely removal of inappropriate access to meet audit and compliance requirements.

Publish SoD Control Report

Automatically publish quarterly SoD reports for audit and regulatory compliance. Update controls to keep up with evolving risks and remediate incidents.

Product Mix: ERP Risk Management and Compliance
Key Metrics: % of critical roles with segregated duties; no. of SoD conflicts identified; time to resolve SoD conflicts; no. of access control violations



Internal Controls Automation to Certification

Automate Configuration Monitoring

Prioritize, fine-tune, and activate best practice algorithms to continuously detect unusual changes to critical configurations, master data, and audit trails. Alert IT, business users, or risk owners of suspicious activities.

Automate Business Transaction Monitoring

Prioritize, fine-tune, and activate best practice algorithms to continuously detect unusual user activities, including actual separation of duties (SoD) violations and unexpected transactions. Automatically alert designated staff and stakeholders.

Review Assurance Reports

Provide dashboard access to automated assurance reports with actionable insights for internal control stakeholders. Monitor for fraudulent payments, unusual journal entries, ghost employees, suspicious IT admin activity, and so on.

Address Issues

Get alerts from automated monitoring. Track incidents to closure by accepting, reassigning, or remediating vulnerabilities. Update controls to keep up with evolving risks.

Automate Audit Testing

Replace manual sampling with automated testing of the entire population of financial transactions. Link testing evidence to control documentation and satisfy internal and external audit requirements driven by evolving PCAOB and SEC standards.

Assess and Certify Internal Controls

Establish a single source of truth to enable efficient collaboration between process owners, risk and compliance teams, IT, and auditors. Use assurance dashboards to complete periodic certification of internal controls based on automated data analysis.

Product Mix: ERP Risk Management and Compliance
Key Metrics: key risk indicator (KRI) risks identified; incident frequency and impact; time to manage risks



Digital Business Processes for ERP/EPM

