

ORACLE®

**JD EDWARDS
ENTERPRISEONE**



SOLVING PROJECT MANAGEMENT CHALLENGES

- Engineering and Construction
- Project and Contract Management
- Homebuilding

ORACLE®



Delivering Profitable Projects

As projects and contracts become more complex, companies consolidate, and global competition increases, the pressure on senior executives to take responsibility for project management and ensure project profitability is greater than ever. But poor visibility and control over project costs, risk, and performance can severely damage profitability. Particularly in hypercompetitive industries where margins get tighter every day.

Many obstacles stand in the way of profitability. The difficulty of getting timely, accurate information into the hands of all project stakeholders adds complexity and slows project delivery. A lack of access to real-time project information can lead to poor communication across project teams, including contractors, subcontractors, owners, architects, engineers, financial institutions, and government agencies. And without cross-team collaboration it can be even more difficult to bring projects in on schedule, on budget, and at a profit.

At its heart, project management is all about the bottom line—projects must turn a profit. But to deliver profitable projects, organizations need integrated tools that help them drive efficiency in day-to-day operations and take firm financial control of complex contracts.





Oracle's Complete Solutions

Oracle's JD Edwards EnterpriseOne project management solutions provide powerful tools for the effective, profitable management of engineering, construction, and homebuilding projects, as well as robust, specialized capabilities for managing complex contracts and the rental of capital equipment or inventory.

With comprehensive project management capabilities, from core costing and billing to advanced contract management tools, JD Edwards EnterpriseOne solutions provide complete functionality, fully integrated with Oracle's Primavera P6, EnterpriseOne In-Memory Project Portfolio Advisor, and other EnterpriseOne applications.

JD Edwards Engineering & Construction Solution Footprint

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FINANCE AND HUMAN RESOURCES

Accounts Payable, Accounts Receivable, Fixed Assets, Expense Management, Human Resources, Time & Labor, Payroll, Employee & Manager Self Service

PLAN, DESIGN & PROCURE

Procurement & Subcontract Mgmt
Mobile PO Approval, Mobile Requisition Approval
Requisition Self-Service, Supplier Self-Service
Project Costing, In-Memory Project Portfolio Mgmt
Primavera P6, AutoVue

PROJECT EXECUTION

Project Costing, In-Memory Project Portfolio Mgmt,
Service Billing, Project & Government Contract Accounting, P
Hyperion, AutoVue

PROJECT CLOSEOUT



Manage Every Angle of Every Project

JD Edwards EnterpriseOne project management solutions are also integrated with each other, and with all other JD Edwards EnterpriseOne products so you can maximize the value of your investment and optimize business processes across the enterprise—driving productivity and profitability.

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JD Edwards EnterpriseOne Health and Safety Management Solutions enable you to easily monitor, analyze, report, and take action on occupational incidents of all types—helping minimize incidents and keeping employees and contractors safe and productive.

The JD Edwards Human Capital Management Solutions allow you to integrate all HR and payroll activities with overall project management—helping improve employee, subcontractor, and project performance, and reduce the time and cost of administration for complex projects.

- **Minimize total cost of ownership** with end-to-end integration across the enterprise.
- **Enhance business insight** with real-time, enterprisewide drill-down capabilities.
- **Decrease overhead costs** with top-down hierarchical contract setup.
- **Increase margins** by closely managing and controlling all project-related costs.
- **Reduce costly errors** with contract controls to minimize compliance risk and auditing time.
- **Improve cash flow** with accurate billing and flexible invoicing.
- **Manage projects proactively** with real-time visibility of budgets, forecasts, and actuals.
- **Drive efficiency** by automating change-order approvals and repetitive billing processes.

Focus On: JD Edwards EnterpriseOne In-Memory Project Portfolio Advisor

Powered by the extreme performance of Oracle's engineered systems, JD Edwards EnterpriseOne In-Memory Project Portfolio Advisor can gather and analyze real-time data with unprecedented speed. Gaining visibility into previously unavailable information enables faster, better-informed decisions that help boost portfolio and project profitability.



Oracle's Industry Solutions

JD Edwards EnterpriseOne solutions are designed to meet the specific project management needs of a number of industries, including:

- > Engineering and Construction
- > Project and Contract Management
- > Homebuilding

Read on to discover how Oracle helps organizations deliver more profitable projects by increasing operational efficiency and financial control.

LEARN MORE

-  [JD Edwards Project Management Overview](#)
-  [JD Edwards EnterpriseOne In-Memory Project Portfolio Advisor](#)
-  [JD Edwards EnterpriseOne Project Costing](#)
-  [JD Edwards EnterpriseOne Advanced Job Forecasting](#)
-  [JD Edwards EnterpriseOne Condition-Based Maintenance at a Glance Presentation](#)
-  [JD Edwards EnterpriseOne Tools](#)
-  [JD Edwards Health and Safety Incident Management Demo](#)
-  [Overview Presentation on JD Edwards Asset Management Solution](#)
-  [JD Edwards EnterpriseOne Environmental Health and Safety](#)
-  [JD Edwards EnterpriseOne Rental Management](#)
-  [JD Edwards EnterpriseOne One View Reporting for Rental Management](#)
-  [Mobile Applications for Project Management](#)



Engineering and Construction

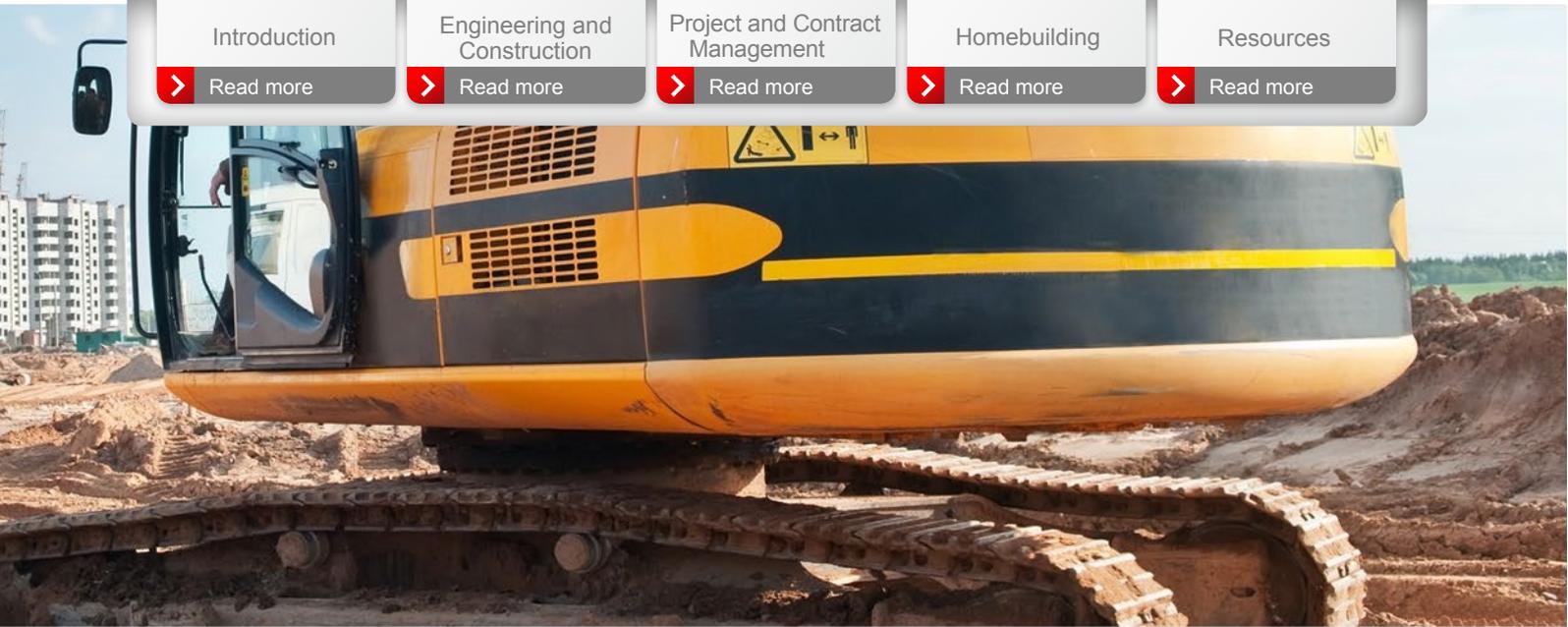
Increased project complexity and the rigor of long-term contracts present a number of challenges for engineering and construction companies. But they also present significant opportunities for revenue growth.

However, without the ability to gather, integrate, and analyze information from multiple systems, it can be difficult to identify the right projects, execute them effectively, and close out contracts profitably. Poor visibility into project information doesn't just impact productivity—it can increase financial risks, impede collaboration, and lead to material waste and costly schedule overruns.

JD Edwards EnterpriseOne Project Management Solutions provide a consolidated platform for integrated project and contract management. With functionality designed specifically for engineering and construction

companies, JD Edwards EnterpriseOne provides ready access to real-time project information, enabling organizations to streamline complex processes, drive productivity, and find new efficiencies to improve profitability.

With accurate, integrated job costing and budgeting, automated change management controls, and expedited billing, as well as sophisticated tools for managing complex contracts, JD Edwards solutions improve visibility and efficiency at every stage of the project lifecycle to ensure profitable execution, improve forecast accuracy, and accelerate payment collection.



ENGINEERING AND CONSTRUCTION SOLUTION HIGHLIGHTS

- View integrated information across your entire organization.
- Monitor, analyze, and control all aspects of multiple projects from single data source.
- Implement performance metrics for corporate visibility of project exposure.
- Drill down into every aspect of every project.
- Deploy change management to control project scope changes.
- Eliminate paper-based review and approval processes.
- Collaborate effectively with project stakeholders, subcontractors, and customers.
- Proactively manage project changes.
- Benefit from full integration with Primavera P6 solutions and Primavera Contract Management.
- Gain multicurrency and multilanguage capabilities.
- Increase productivity and efficiency with mobile applications for reviewing and updating project and financial information at the project and contract level.
- Gain real-time visibility into project budgets, forecasts, and actuals, including labor, material, equipment, overhead, and other costs charged to a project.
- Use dynamic project forecasting for a more accurate view of final costs and revenue.
- Streamline workflow for project processes to speed decision-making.
- Use automated contract billing to accelerate cash flow.
- Create a direct link between project costs and contracts.
- Support multiple contract structures, including time and material, milestone, progress, and cost plus.
- Gain complete project control and visibility with an integrated solution across financials, schedules, and site management.
- Add any other JD Edwards EnterpriseOne Module when business needs change and operations grow.
- Access and personalize transaction data into lists, charts, graphs, and tables thus simplifying the consumption of information with One View Reporting for Project Costing.



Engineering and Construction

With JD Edwards EnterpriseOne In-Memory Project Portfolio Advisor can harness the extreme data processing power of Oracle's engineered systems to quickly make sense of huge volumes of portfolio information—providing instant, actionable insight into every angle of every project.

Oracle's solutions help engineering and construction companies to:

- **Gain** complete, real-time visibility into all project costs, risk, and performance.
- **Streamline** project delivery and control costs with automated change management.
- **Optimize** cash flow with faster billing and reduced days sales outstanding.



Complex Business Pressures
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Business Pressures are Varied

with less resources and
 to calls for increased
 financial controls across

Custom

- How c
- How c
- How c

Global

Complexity

Edwards Provides Single Source of Truth
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Real Time Project Performance

Multiple Perspectives. Operational Efficiency

- Procurement & Subcontracts
- Time & Labor
- Other Direct Costs
- Capital Asset Management
- Allocations
- Budgets, Commitments, Actuals

Focused Capabilities Part 1
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Project Costing

- Real time access to costs, budget
- Drill down capabilities to all as
- Native integration of all aspect management, and manufactur

Contract and Service Billing

- Direct link between project cost
- Different contract types includi
- Contract limits
- Billing calculations including F
- Custom Invoicing
- Recognize revenue independe

Advanced Contract Billing

- Contract control and auditabili

Focused Capabilities Part 2
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- Daily post to Job Costing
- Batch upload from 3rd party tim
- Burden rates follow labor distri
- Automatic accounting instructio

Payroll

- Union pay and Occupational p
- Piece rate pay
- Timecard Automation – Overti

Human Resources Management

- Competency Management – T
- Employee mass hire and re-hi
- Health and Safety Administrat
- Benefits by Union

Change Management

- Control changes to job cost. s



JD Edwards EnterpriseOne Project and Contract Management

Project-driven organizations, including commercial and government contractors, must manage complicated and intricate contracts, each with its own set of terms and conditions. Project tasks must be managed effectively, resources must be optimized, and cost must be kept under control—all while ensuring projects remain aligned with the unique demands of each contract.

And with increased emphasis on accountability and compliance, there is additional pressure on project-driven organizations to provide accurate and detailed contract data and reliable audit trails. Maintaining overall profitability and ensuring individual project profitability in the face of all these pressures can be a difficult challenge.

JD Edwards EnterpriseOne Advanced Contract Billing provides a flexible, powerful solution for managing complex contracts effectively and profitably. By improving cost control, reducing the risk of errors, and streamlining intricate billing processes, it allows organizations to improve margins and cash flow while conforming to all contract terms and compliance requirements.

Tightly integrated with other JD Edwards EnterpriseOne modules, the solution delivers real-time insight into detailed contract and project information, enabling managers to make faster, better-informed decisions and manage project performance more effectively.

Oracle's solutions help commercial and government contractors:

- **Enhance visibility** into every detail of even the most complex projects and contracts.
- **Boost profitability** with robust financial control across contract lifecycles.
- **Accelerate revenue recognition** with accurate billing and flexible invoicing.

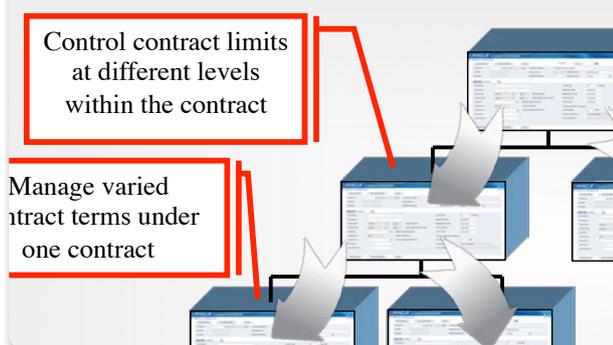
JD EDWARDS ENTERPRISEONE ADVANCED CONTRACT BILLING HIGHLIGHTS

- Closely manage and control all costs related to a project in accordance with contract terms and conditions or company policy.
- Minimize noncompliance risk and reduce auditing time.
- Gain the ability to properly charge indirect costs to projects.
- Deploy top-down hierarchical contract setup.
- Limit costs and work performed to designated periods of performance.
- Manage billable and nonbillable costs across all elements of a project.
- Reduce accounts receivable days outstanding with accurate billing and flexible invoicing.
- Enable accurate management of US government accounting classification reference numbers.
- Automate rebilling when overhead rates change.
- Increase visibility throughout the enterprise with real-time insight into contract and project status.
- Easily make changes to contract terms and conditions, including contract structures.
- Automate reports to validate burden rate structure.
- Drill down to individual transactions for a detailed view of every project.
- Benefit from full integration with Oracle's Primavera and Hyperion applications, as well as all other JD Edwards EnterpriseOne modules.
- Run numerous JD Edwards EnterpriseOne applications on tablet devices.
- Gain multicurrency and multilanguage capabilities.
- Add any other JD Edwards EnterpriseOne module when business needs change and operations grow.

Hierarchical Contract Structure Reduces Cost

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Decrease overhead costs with hierarchical contract structure



Manage Cost to Contract Terms & Conditions

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Manage costs to contract terms and conditions



strict costs charged that within the period of performance for the contract

- Automatically restrict revenue recognition limits
- Automatically bill



Homebuilding

In an industry so closely linked to fluctuations in the economy, the only constant for homebuilders is change. Small variations in mortgage rates, equity markets, and unemployment figures can have a dramatic impact on builders' revenue and profitability.

Staying competitive in this environment—as costs continue to rise and skilled resources become scarcer—requires flawless coordination, communication, and collaboration throughout the homebuilding lifecycle. To achieve this, homebuilders need efficient, synchronized business processes and clear visibility of all project information.

JD Edwards EnterpriseOne Homebuilder Management solutions give homebuilders a powerful set of tools to eliminate inefficient manual processes, take control of change management, enable greater collaboration between all stakeholders, increase customer satisfaction—and gain repeat business.

With JD Edwards EnterpriseOne Homebuilder Management, organizations can establish and manage precisely tailored product offerings, reduce repetitive data entry, and simplify the management of effective project execution. Easy access to accurate, real-time information about project performance and financials allows managers to drill down into individual transactions for greater insight and control.

Oracle's solutions help homebuilders:

- **Gain visibility and control** over costs and performance on every project.
- **Manage profitability** at every stage of the building cycle and at every level of the organization.
- **Create lifelong customers** with seamless collaboration and consistent product quality.

HOMEBUILDER SOLUTION HIGHLIGHTS

- Manage sales relationships and follow customers with a single customer database.
- Effectively manage vendors and subcontractors.
- Assess the impact of pending changes (including project cost and revenue) and then route for approval via workflow-driven notifications.
- Automatically generate commitments when lot starts are identified, based on lot, plan, elevation, swing, and option preferences.
- Capture and manage all costs, including labor, equipment, materials, and subcontractors.
- Perform actual or pro forma product offering analysis.
- Use mobile applications to access data from remote sites.
- Gain multicurrency and multilanguage capabilities.
- Automatically flow information from opportunity to building lot and customer and warranty service.
- Manage profitability at the lot level.
- Control the cost and execution of project changes by efficiently creating, tracking, and implementing change requests and change orders.
- Get a bird's-eye view of all activities with an easy-to-use lot workbench.
- Track change requests and change orders from creation through approvals and implementation.
- Gain support for bids and takeoffs, or a combination of both.
- Run all JD Edwards EnterpriseOne applications on tablet devices.
- Add any other JD Edwards EnterpriseOne module when business needs change and operations grow.

Edwards Homebuilder Solution Map

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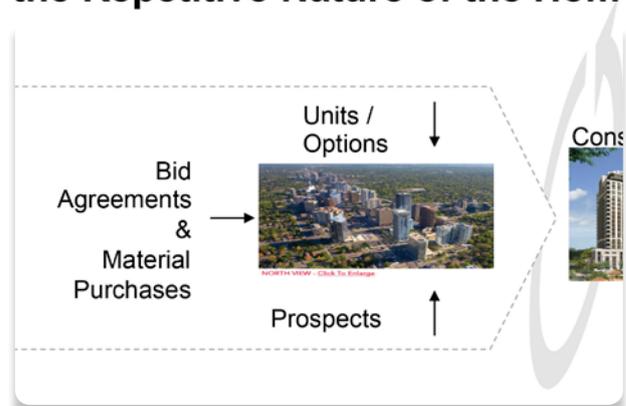
Homebuilder Solution Map



Repetitive Process Automation

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Create a Highly Scalable Solution to the Repetitive Nature of the Homebuilding Process





JD Edwards EnterpriseOne: Integrated Solutions for Project Management

JD Edwards EnterpriseOne project management solutions draw on Oracle's complete portfolio of best-in-class technologies to address the complex challenges in project-driven organizations.

Whether you start with a single component or make a complete business transformation, the innovation and integration at the heart of all Oracle's JD Edwards solutions can help you increase visibility and control, enabling you to deliver more successful projects, more profitably.

- **Reduce TCO** with enterprisewide integration
- **Increase visibility** into every aspect of every project.
- **Keep costs down** with more effective contract setup and change management
- **Improve margins** with tighter control over all project costs.
- **Minimize risk** of errors or noncompliance.
- **Drive profitability** and accelerate revenue recognition.

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Portfolio Insight Now

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In-Memory Project Portfolio Advisor

Project Management Console

Report across entire project portfolio

Project financials with contract billings

Summarize project portfolio (by region, by sales rep, by project type, etc.)

Drill down across project portfolio

Visualize in chart and other project status indicators

Configure user-defined project metrics

Single currency view of multi currency projects



Resources

DATASHEET

-  JD Edwards EnterpriseOne Procurement and Subcontract Management
-  JD Edwards EnterpriseOne Capital Asset Management (PDF)
-  JD Edwards EnterpriseOne Condition Based Maintenance (PDF)
-  JD Edwards EnterpriseOne Human Capital Management
-  JD Edwards EnterpriseOne Human Resources Management (PDF)
-  JD Edwards EnterpriseOne JD Edwards EnterpriseOne Health and Safety Incident Management (PDF)
-  JD Edwards EnterpriseOne One View Reporting for Health and Safety Incident Management (PDF)
-  JD Edwards EnterpriseOne Rental Management
-  One View Reporting for Rental Mangement
-  JD Edwards EnterpriseOne Equipment Cost Analysis (PDF)
-  JD Edwards EnterpriseOne Resource Assignments (PDF)
-  JD Edwards EnterpriseOne Self Service Human Resources
-  JD Edwards EnterpriseOne Manager Self Service
-  JD Edwards EnterpriseOne Environmental Accounting and Reporting (PDF)
-  JD Edwards EnterpriseOne on Oracle Engineered Systems
-  JD Edwards EnterpriseOne In-Memory Project Portfolio Advisor
-  JD Edwards EnterpriseOne Mobile Applications for Project Management
-  JD Edwards EnterpriseOne Project Costing
-  JD Edwards EnterpriseOne One View Reporting for Project Costing
-  JD Edwards EnterpriseOne Advanced Job Forecasting



DEMOS AND VIDEOS

-  [JD Edwards EnterpriseOne on the iPad Demo](#)
-  [JD Edwards EnterpriseOne One View Reporting Demo](#)
-  [JD Edwards EnterpriseOne Watchlist Demo](#)
-  [JD Edwards User Experience on the iPad Demo](#)

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