

Oracle Prime Projects Cloud Service

ORACLE[®] Construction and Engineering

Oracle Prime Projects Cloud Service is a complete, cloud-first success platform for all stages of the project lifecycle. It empowers executives, project managers, and field professionals to deliver projects—from inception through completion—more efficiently, consistently, and with greater confidence. Real-time visibility into project cost, schedule, risk and performance information—delivered through powerful and flexible dashboards and reports—enables project managers and stakeholders to make the right decisions at the right time. Native social collaboration, including discussion capabilities, allows project teams to communicate and collaborate effectively for more precise project planning, monitoring, and execution.

THE BIG PICTURE

Oracle Prime Projects Cloud Service helps organizations improve project management by enabling them to prioritize, plan, manage, and evaluate projects via an integrated cloud-based solution.

A cloud-based, mobile-ready solution, Oracle Prime Projects optimizes and integrates critical processes, scope, schedules, cost data, and documents across the organization. Users can easily configure its intuitive user interface to their unique business needs to increase adoption, minimize training, and deliver rapid time to value.

Portfolio Management

Oracle Prime Projects provides a portfolio-based view of project information, including the proposed project pipeline, estimated budgets, capital spend, and fund allocation requirements. Portfolio managers can evaluate scenarios and arrive at an optimal plan to allocate financial budgets and other resources across multiple projects that are in-line with strategic goals. In addition, users can monitor portfolio health, track performance, and balance portfolios via alignment with corporate strategic goals.

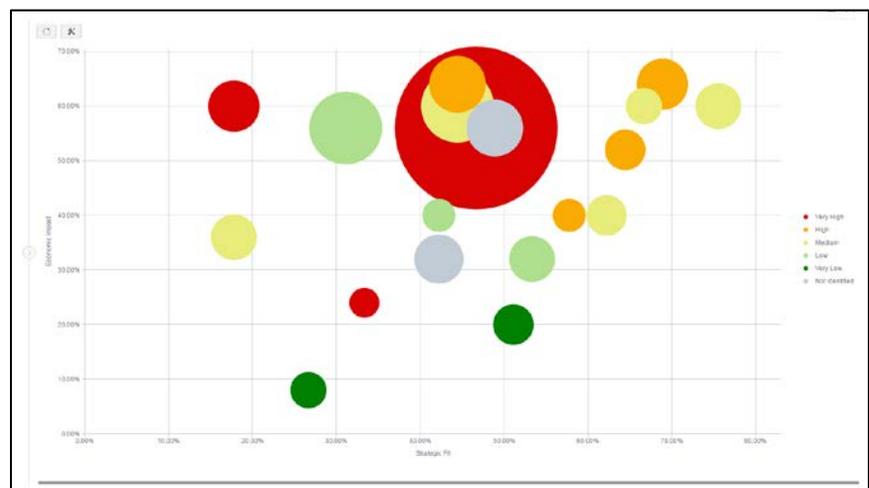


Figure 1A. Investor map capability for project portfolio evaluation

KEY BUSINESS BENEFITS

- Integrate portfolios, cost, schedule, and quality solutions under a single platform
- Improve decision making with end-to-end visibility across projects and proposals and real-time insight into portfolio activity, status, and metrics
- Enable continuous communication and collaboration between stakeholders
- Reduce complexity with a single solution for resource, risk, field collaboration, and document management
- Position business to benefit from combined power of Lean and Critical Path Method (CPM) scheduling
- Benefit from low cost of entry, rapid time to value, high performance, and extensibility with a cloud solution
- Save time and money and accelerate user adoption with an intuitive and flexible interface and simple deployment
- Improve productivity with mobile capabilities that provide access to data on the go
- Empower users with more autonomy and a greater contribution to value added work

Oracle Prime Projects' portfolio management capability provides comprehensive, long-range tools for capital planning and budget approval across project portfolios. Configurable performance scorecards monitor the lifecycle of portfolios based on key metrics and enables portfolio planners, executives, stakeholders, and project managers to propose, inventory, prioritize, and select projects in a collaborative fashion and take corrective action when necessary.



Figure 1B. Top-down portfolio prioritization for project ranking and selection

Scope Management

Project managers need a set of tools to effectively manage the entire scope of work required to deliver a product or service. Oracle Prime Projects Cloud Service allows project managers and schedulers to effectively and cohesively plan and manage all aspects of scope during a project's lifecycle, including equipment deployment, cable and line installation, and project documentation—from a single platform. It also enables other stakeholders to monitor project deliverables from the same solution.

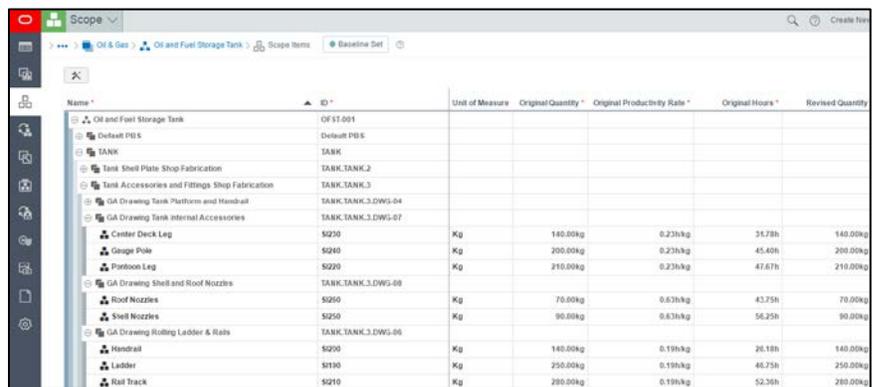


Figure 2A. Oracle Prime Projects is a comprehensive project scope management tool

The solution supports various progress measurement techniques, such as physical percent complete and rules of credit, to measure scope progress. In addition, users can assign quantity-based progress metrics to individual scope to capture progress percent complete.

KEY FEATURES

- Context-driven rich and lightweight user interface
- Global search and navigation to major functional areas
- Built-in workflows with an option to expand via configuration
- Web-based interface with no client installation or plug-ins
- Review and approval of updates to ensure project integrity
- Embedded analytics
- iPad and iPhone applications support updating project status online or offline
- Ability to access all project documents via a mobile device, mark them up, and save locally for offline access

Cost Management

Cost management allows project managers and key stakeholders to capture budget, perform forecast analysis, and predict impending expenses to help reduce the chance of going over budget. Oracle Prime Projects Cloud Service allows project managers to manage the most basic to complex cost management scenarios with ease.

CBS Code *	CBS Code Name	Current Budget (Manual/Approved)	Total Budget Changes (Manual/Pending)	Budget Changes (Manual/Approved)	Project Current Budget	Project Current Forecast	Variance
Total		9,797,918.31	3,000.00	1,112,377.00	9,797,918.31	9,812,918.31	15,000.00
00	Division 0 - Contracting Requirements		0.00			0.00	0.00
01	Division 1 - General Requirements		0.00			0.00	0.00
02	Division 2 - Site Construction	501,273.00	0.00	3,500.00	501,273.00	511,273.00	10,000.00
03	Division 3 - Concrete	286,985.00	0.00	2,250.00	286,985.00	286,985.00	0.00
04	Division 4 - Masonry	474,821.00	10,000.00		474,821.00	484,821.00	10,000.00
05	Division 5 - Metals	1,205,087.50	0.00		1,205,087.50	1,205,087.50	0.00
06	Division 6 - Wood & Plastics	464,656.50	0.00		464,656.50	464,656.50	0.00
07	Division 7 - Thermal & Moisture Protection	264,889.80	0.00		264,889.80	264,889.80	0.00
08	Division 8 - Doors & Windows	305,299.75	0.00		305,299.75	305,299.75	0.00
09	Division 9 - Finishes	1,307,890.40	0.00		1,307,890.40	1,307,890.40	0.00
10	Division 10 - Specalties	107,569.26	0.00		107,569.26	107,569.26	0.00
11	Division 11 - Equipment	6,632.30	0.00		6,632.30	6,632.30	0.00
12	Division 12 - Furnishings	43,200.00	0.00		43,200.00	43,200.00	0.00
13	Division 13 - Special Construction		0.00			0.00	0.00
14	Division 14 - Conveying Systems	140,000.00	0.00		140,000.00	140,000.00	0.00
15	Division 15 - Mechanical	1,785,407.40	0.00		1,785,407.40	1,785,407.40	0.00
16	Division 16 - Electrical	1,795,578.50	0.00		1,795,578.50	1,795,578.50	0.00
9999	Contingencies	1,107,627.00	3,000.00	1,107,627.00	1,107,627.00	1,107,627.00	0.00

Figure 3A. Cost sheet functionality provides detailed cost data to ensure projects are staying on track

Oracle Prime Projects utilizes a spreadsheet-like interface to manage project budget, budget changes, and transfers. It also interacts with various project elements to provide a single location for managing project cost, including forecast information.

ID *	CBS Code *	CBS Code Name	Description	Cost-Category	Quantity	Unit of Measure
1	02 100	Site Remediation	Site Demolitions	Material	30,000.00	sqft
2	02 200	Site Preparation	Clear & Grub Site	Material	50,400.00	sqft
3	02 200	Site Preparation	Site Earthwork & Grading (Cut & Fill)	Material	600.00	Cubic Yards
4	02 200	Site Preparation	Site Earthwork Export Surplus	Material	380.00	Cubic Yards
5	02 200	Site Preparation	Erosion Control	Material	50,400.00	Cubic Yards
6	02 700	Bases, Ballasts, Pavements & Appurtenan...	Roadway - Concrete Parking Entry	Material	500.00	sqft
7	02 700	Bases, Ballasts, Pavements & Appurtenan...	Parking - Concrete	Material	23,560.00	sqft
8	02 700	Bases, Ballasts, Pavements & Appurtenan...	Sidewalks - Concrete	Material	1,500.00	sqft
9	02 500	Utility Services	Domestic Water Supply	Material	150.00	Linear Ft
10	02 500	Utility Services	Service Tie-in - Domestic	Material	1.00	Each
11	02 500	Utility Services	Fire Protection Water Supply	Material	150.00	Linear Ft
12	02 500	Utility Services	Service Tie-in - Fire Protection	Material	1.00	Each
13	02 500	Utility Services	Sanitary Waste Line	Material	150.00	Linear Ft
14	02 500	Utility Services	Service Tie-in - Sanitary	Material	1.00	Each
15	02 500	Utility Services	Manholes - Sanitary	Material	2.00	Each
16	02 500	Utility Services	Storm Drainage Line	Material	150.00	Linear Ft
17	02 500	Utility Services	Service Tie-in - Storm Drainage	Material	1.00	Each

Figure 3B. Budget management functionality provides detailed budgeting capabilities

Cost management is an integral part of Oracle Prime Projects, delivering functional capabilities that form the backbone of strong project controls.

Schedule Management

Project planning and scheduling are key elements of effective project management. A well-developed project schedule allows project managers to manage project

milestones, deliverables, and timelines effectively.

Prime Projects Schedule Management is a cloud-based solution that is integrated with other Oracle Prime Projects modules to provide a complete project management solution.

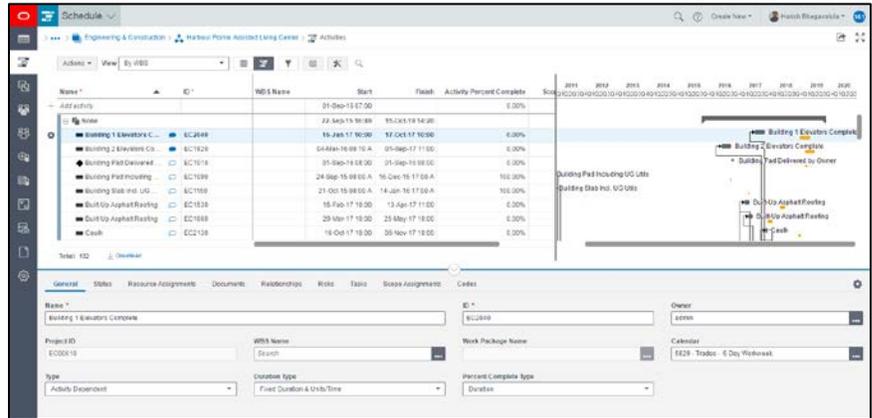


Figure 4A. Plan and schedule projects with the Schedule Management module

Interactive Gantt charts allow planners, schedulers, and project managers to communicate a more accurate and complete graphical representation of a project's schedule in real time. Oracle Prime Schedule Management also enables users to track project scope and resource assignment and proactively perform resource and role leveling.

Resource Management

Oracle Prime Projects Cloud Service allows project managers to manage hierarchy-based resources and roles per project. Organizations also can choose to manage these roles and resources at an enterprise level and allow project managers to utilize them on need basis at project level.

Resources and roles can be assigned to activities as part of resource assignment capabilities, allowing project managers to resource load the project schedule.

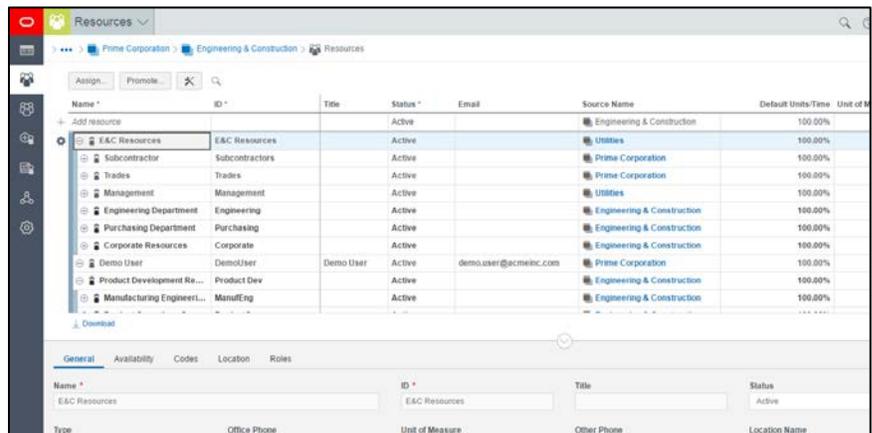


Figure 5A. Oracle Prime Projects Resource Management allows project managers to create and manage hierarchical roles

RELATED PRODUCTS

Additional value can be realized from your Oracle investments with:

- Oracle’s Primavera P6 Enterprise Project Portfolio Management
- Oracle’s Primavera Gateway

Oracle Prime Projects Resource Analysis capabilities enable users to determine over- and under-utilization of both resources and roles in real time. Visual representations of resource and role assignment analysis in the form of histograms enable project managers to rapidly analyze and determine where resources are under- or over-utilized.

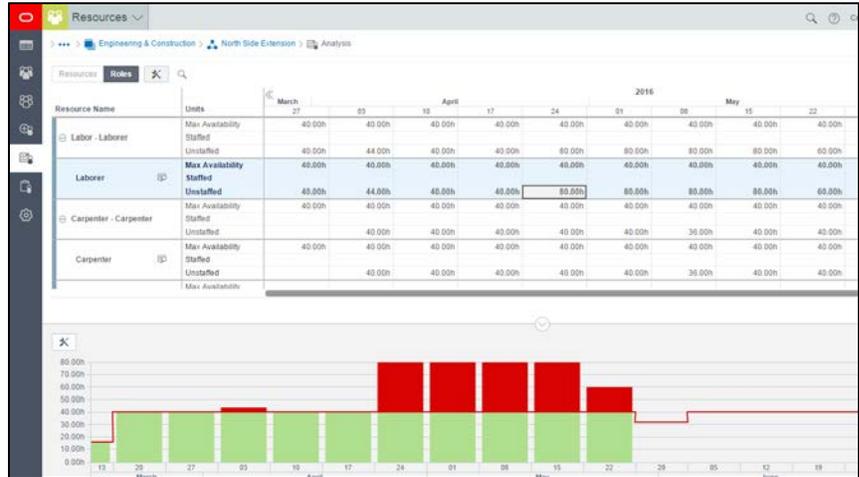


Figure 5B. Perform resource and role analysis at project level

With insight on resource utilization, project managers can take action to realign and balance resource or role assignments.

Risk Management

Oracle Prime Projects risk management capabilities provide the necessary tools that allow project professionals to manage risk easily and successfully. Oracle Prime Projects Cloud Service offers the following features:

- A risk register where users can log all project risks and prioritize them based on their own risk-scoring metrics
- The ability to develop risk-response plans to address project risks and establish post-response scenarios to compare with pre-response results

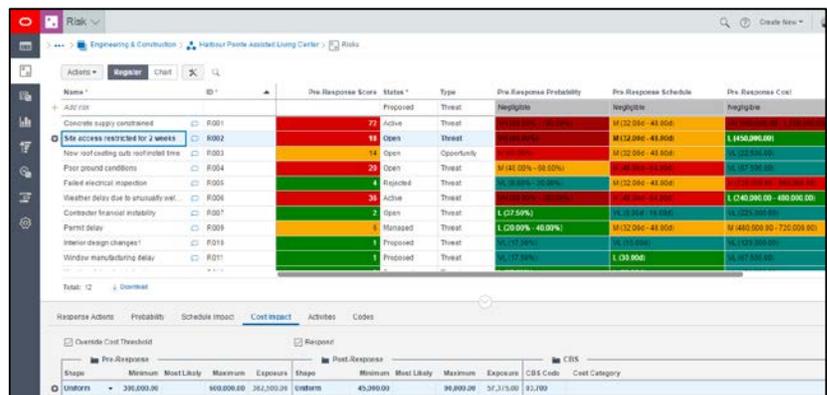


Figure 6A. Risk register with related response plan

- The ability to run a Monte Carlo analysis on a project, incorporating schedule and risk data to produce histogram curves showing expected time and cost outcomes, and the probability of achieving each one



Figure 6B. Monte Carlo-based histograms provide likely project outcomes based on potential risk, not just the planned schedule

- Mean Impact analysis to determine risk and activities that have the greatest impact on a project's schedule

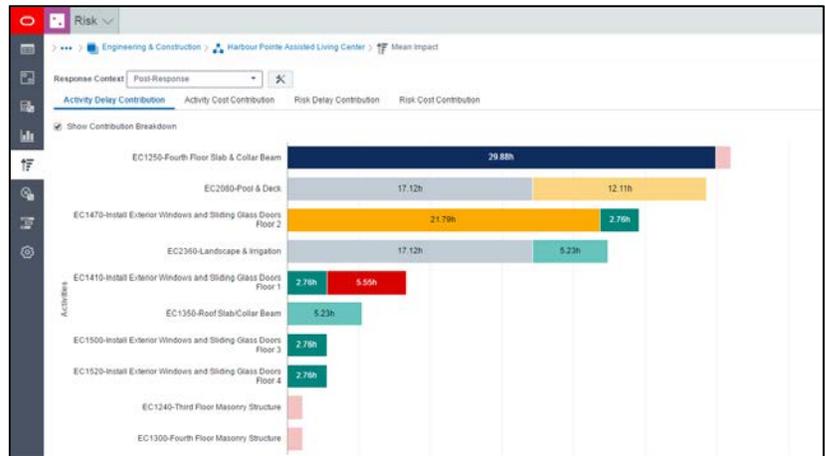


Figure 6C. Mean impact charts provide a breakdown of the contributing causes to the activity's impact

- Native risk-based workflow to manage all phases of a risk item
- Optional out-of-the-box integration with Oracle's Primavera P6 Enterprise Project Portfolio Management. The integration supports importing Primavera P6 EPPM risk data into Oracle Prime Projects as well as pushing key risk analysis data back to Primavera P6 EPPM.

Lean Task Management

The Oracle Prime Projects Lean Task Management capability provides a set of tools to improve the detailed coordination, planning, and execution of work between planners, supervisors, and field workers. The tool enables field workers to decide the best way to

execute their work with maximum efficiency and minimal waste.

The Work Plan interface allows planners, supervisors, and field workers to easily define, plan, and sequence their work according to the near-term objectives defined by the project schedule. LastPlanners® create tasks in the hopper for each activity in the planning period. Tasks are then dragged to the weekly planning board or future weekly bucket, using the project schedule's activities as a reference.

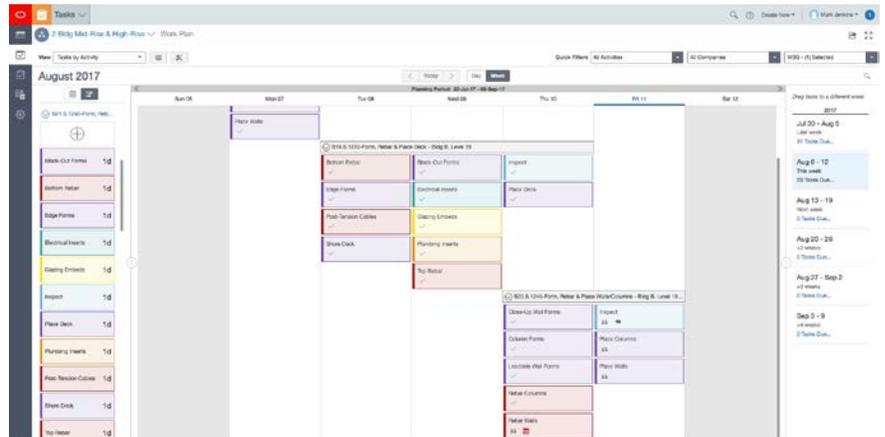


Figure 7A. The Oracle Prime Projects work plan makes weekly planning simple

By following the process defined by the Lean Construction Institute's LastPlanner® system, project teams can easily monitor the planned percent complete for each project and individual companies. Project teams also can determine the root causes of delays and incomplete work by entering reasons for missed commitments for incomplete tasks.

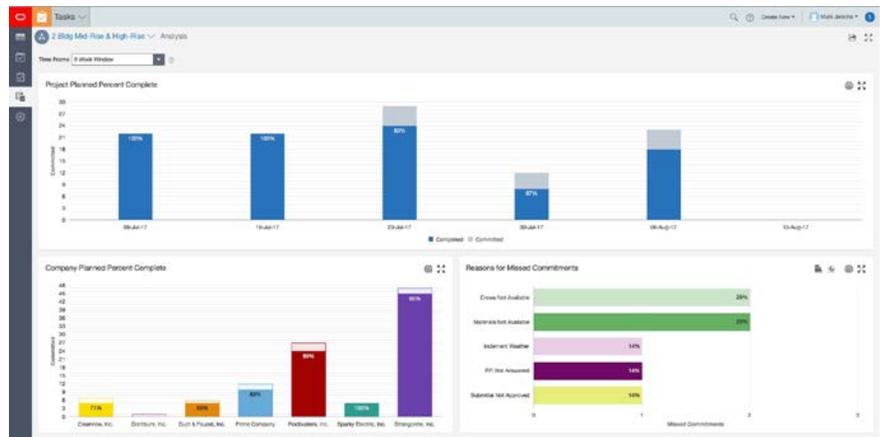


Figure 7B. Task analysis makes monitoring weekly performance and root causes simple

Field Management

Oracle Prime Projects makes the management of critical jobsite documents and the execution of project processes clean, simple, and easy. The ability to digitize information, streamline processes and automate where possible, ensures that field teams are working with the most accurate and up-to-date project data. These capabilities, in turn, increase the accuracy of work, drive project accountability, and improve jobsite performance.

Drawing management is a critical component at any jobsite as the industry moves from paper-based to digital project drawings.

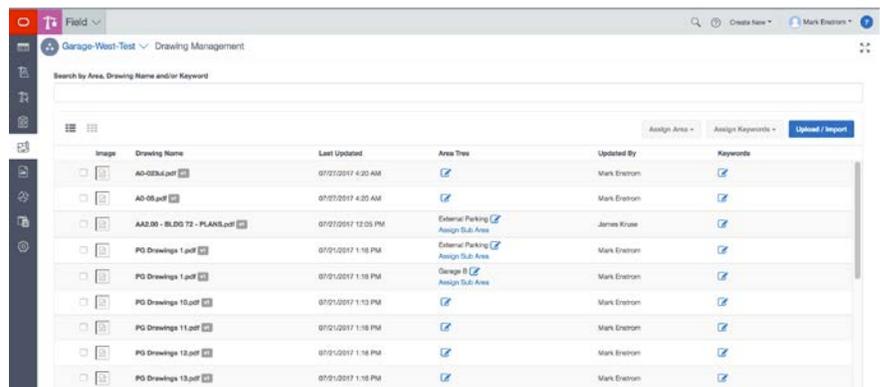


Figure 8A. Search several drawings by area, name, and keywords

Issues and inspection management is critical. Quality, safety, and even punchlist issues are noted, tracked, and addressed right at the jobsite with Oracle Prime Projects Field Collaboration tools. In addition, users can access daily reports that enable subcontractors to input information directly to the superintendent.

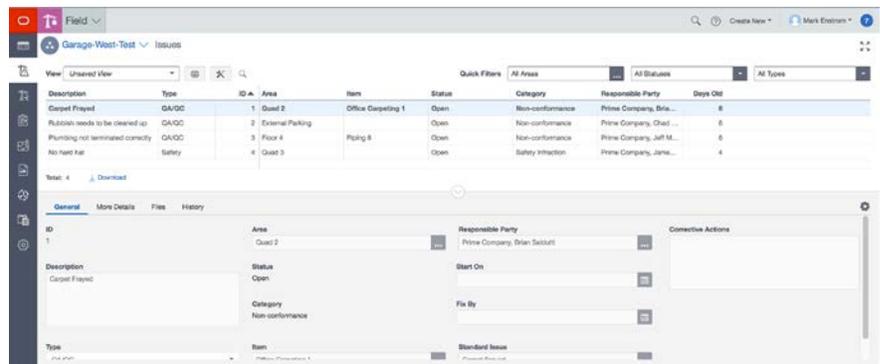


Figure 8B. View the list of safety and quality issues

Oracle' Prime Projects features highly flexible and configurable commissioning capabilities to meet a wide range of requirements from simple to very complex.

Document Exchange

The Document Exchange capability provides a robust way to manage project submittals. Users can import submittals from a PDF of the project specification manual into the submittal log that is collaborative by design.

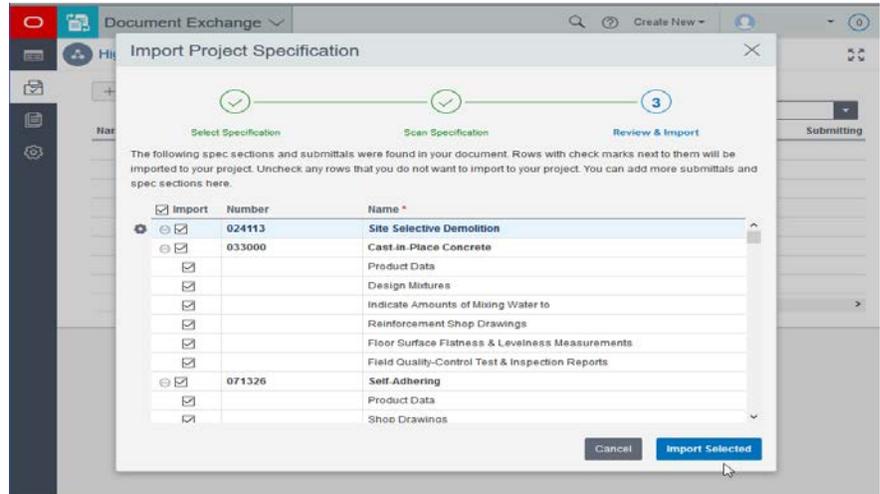


Figure 9A. Importing project specifications will automatically scan the spec sections and submittals

Automated workflows and email notifications keep the team informed of submittal progress. Users who access the submittal log can add a file when the ball is in their court. The solution provides an out-of-the-box workflow, which can also be configured to meet unique project needs.

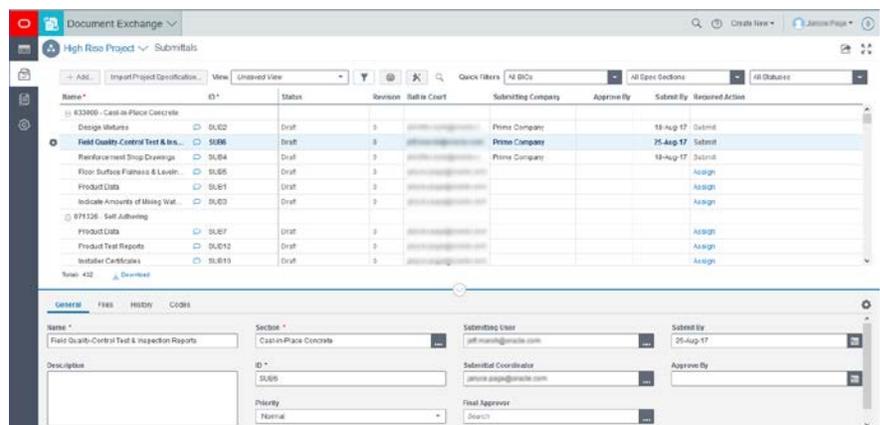


Figure 9B. View the specification sections and submittals metadata

Mobile Offerings

Oracle Prime Projects' mobile suite connects progress made on the jobsite to those managing the project while providing executives and portfolio managers the tools they need on the go.

With targeted, purpose-built native mobile applications, Oracle Prime Projects users

enjoy powerful functionality with easy-to-use interfaces. Real-time data and alerts improve processes while allowing users to access information without internet connectivity.

Oracle Prime Portfolios for iOS

While away from the office, executives and portfolio managers use the Oracle Prime Portfolios app to monitor the health and performance of project portfolios. It supports access to KPIs without internet connectivity. Users also can collaborate with team members with the discussions tool.

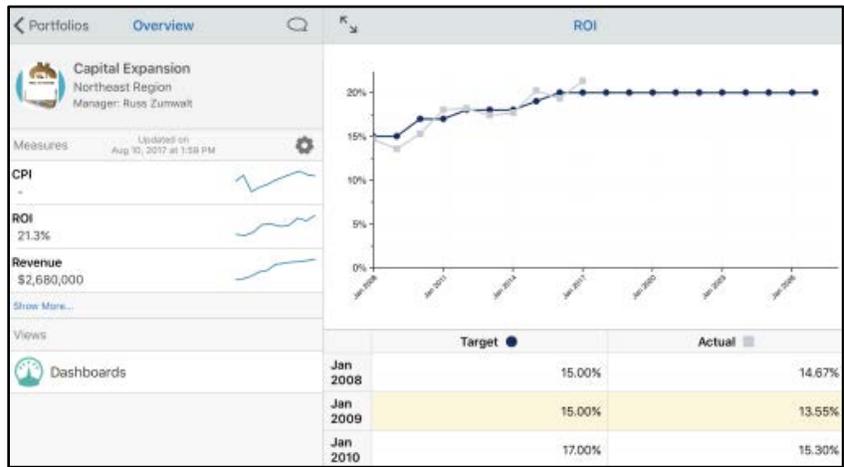


Figure 10A. Oracle Prime Projects Portfolios app provides measures & KPIs on-the-go

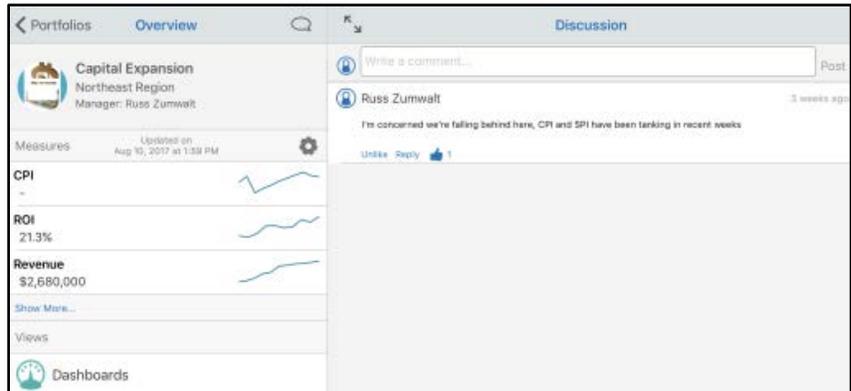


Figure 10B. The app allows team members to collaborate directly in a portfolio

Oracle Prime Field for iOS

Site superintendents, project managers, and inspectors can use the Oracle Prime Projects Field iOS app to access critical information and provide status updates for projects. Users can access and streamline key jobsite processes, including issues, reporting, inspections, commissioning, and drawings, in an easy-to-use native mobile app.

While walking the jobsite, superintendents, project managers, and inspectors can review and manage drawings and ensure the team is working on the same version. With area recognition and robust markup tools, users can create issues directly on a drawing and know exactly where the issue occurred. Users also can take photos and attach documents for reference and to monitor issue progress.

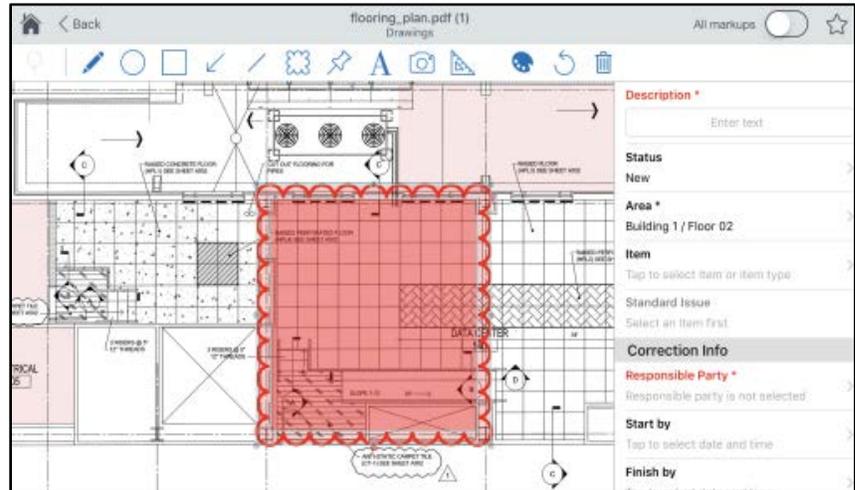


Figure 11A. Oracle Prime Projects Field provides powerful drawing management functionality

In addition, the application enables users to track and resolve punchlist items in less time in a single aggregated location, even while offline. They also can customize workflows and monitor progress from a mobile device, increasing productivity gains. Field personnel can provide direct input from an iPad, saving time, reducing administrative burden, enabling more timely reporting, and eliminating errors related to handwritten notes.

Oracle Prime Progress for iOS & Android

Field workers have a lot going on, and communication has been a challenge in the past. With Oracle Prime Progress for both iOS and Android, monitoring progress made on the job site has never been easier! Now, when a task is completed or an issue is resolved, those performing the actions can update the record, snap photos to show completed work, and send updates immediately to the project team.

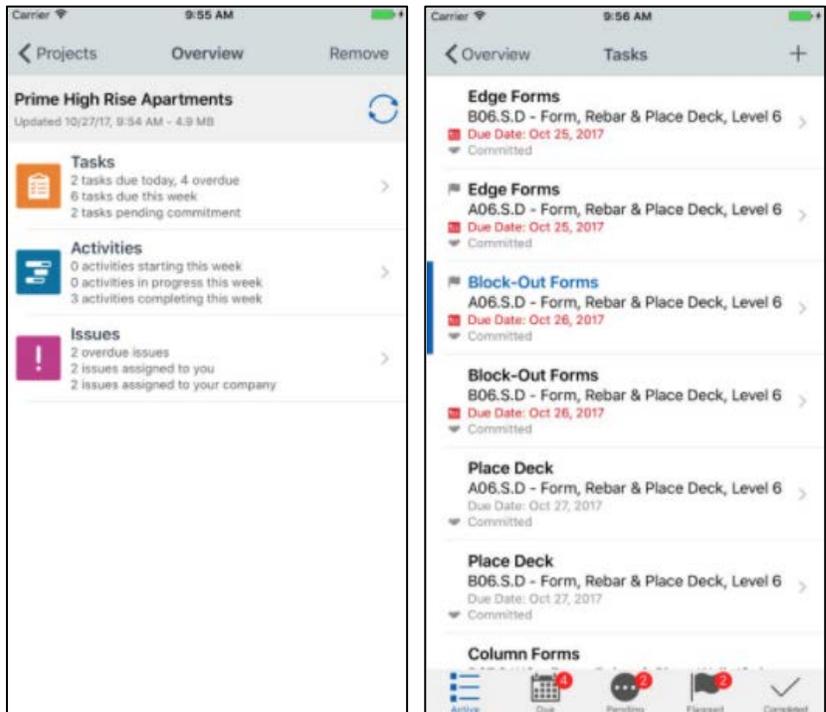


Figure 12A. Oracle Prime Progress was designed to be simple and straight forward, immediately informing field workers where their expertise is needed.

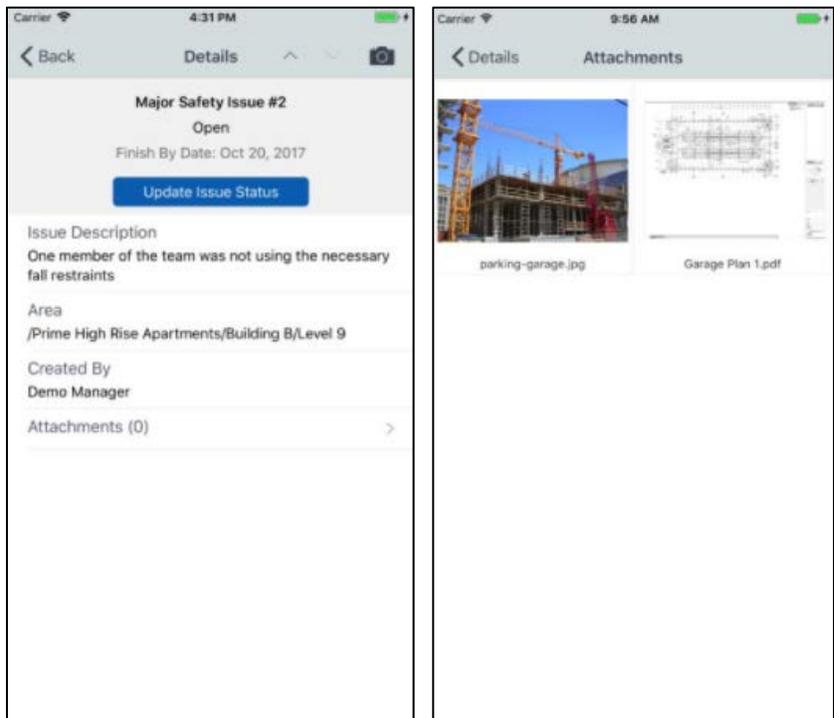


Figure 12B. Users can quickly update record status, provide photo evidence and access important documents all while offline.

File Management

Oracle Prime Projects includes robust file management functionality. Whether a high-level basis-of-design documents or detailed specifications, all documentation utilizes tight permission controls to manage access across the enterprise. Features include check-in and check-out, version control, and full text search for 500+ document types.

Built-in document viewing technology allows users to view most document types without the need to install a native application, reducing costs and complexity. Social features, including Discussions and Share functionality, enable users to review files and have greater context for more informed decision-making.

File management capabilities eliminate document duplication and allows users to link existing project files to activities, scope, field, cost, and submittals to ensure the most up-to-date and accurate information.



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Integrated Cloud Applications & Platform Services

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