

# Oracle Cloud Services



Oracle's Enterprise Resource Planning Cloud (ERP Cloud) streamlines your enterprise business processes. With ERP Cloud's Financials, Procurement, Project Portfolio Management and more, you can increase productivity, lower costs, and improve controls.

Goals and Objectives Application Suite	Oracle's Proposed Offering Application Suite Description	Benefits to the LEA
<b>ERP Cloud Product Suite</b>		
Financials Cloud Service	Provides the financial foundation for the ERP suite (General Ledger, Accounts Payable, Accounts Receivable and Billing, Asset Management, Cash Management).	<ul style="list-style-type: none"> <li>Gain real-time access to live financial data</li> <li>Comply with global accounting standards and multiple legislative, industry, or geographic requirements</li> <li>Proactively resolve issues to expedite automated processing</li> <li>Improve decision-making and increase accuracy during transaction entry</li> <li>Control costs and increase visibility into spending</li> <li>Improve cash inflows and manage cash positions</li> <li>Reduce transaction processing costs and data entry errors</li> </ul>
Planning and Budgeting Cloud Service (PBCS)	Planning and Budgeting Cloud enables organizations of all sizes to quickly adopt public sector best practices with no CAPEX infrastructure investments. PBCS is a market-leading SaaS with flexible deployment options and virtually no learning curve.	<ul style="list-style-type: none"> <li>Fully customizable and owned by OMB Office</li> <li>Migrate from disconnected planning tools and spreadsheets</li> <li>Work with latest version of the software</li> <li>Customize solution to your specific business need</li> </ul>

Goals and Objectives Application Suite	Oracle's Proposed Offering Application Suite Description	Benefits to the LEA
Procurement Cloud Services	<p>Procurement Cloud Services streamline your source to pay process through automation and social collaboration, while controlling costs. Modules proposed are Core Purchasing, Contract Management, Sourcing, Self-Service Requisitioning, Supplier Portal, and Supplier Qualification Management Cloud Services.</p>	<ul style="list-style-type: none"> <li>• Lower costs</li> <li>• Collaborate for better results</li> <li>• Enhance negotiation strategies</li> <li>• Streamline supplier negotiation process</li> <li>• Drive competitive behavior from suppliers</li> <li>• Minimize training and ongoing support</li> <li>• Determine best award decisions</li> </ul>
Supply Chain Cloud Services	<p>Oracle Supply Chain Cloud Services delivers the visibility, insights, and capabilities needed to create your own intelligent supply chain. Modules proposed are Inventory and Warehouse Management.</p>	<ul style="list-style-type: none"> <li>• Manage and execute your production process, both internal and contract manufacturing</li> <li>• Increase margin/revenue</li> <li>• Reduce inventory</li> <li>• Drive down costs</li> <li>• Improve on-time deliveries</li> <li>• Quick set up enables rapid implementation</li> <li>• Reduce cost of ownership</li> </ul>
Project Portfolio Management Cloud Service	<p>A complete suite of applications to manage projects, record details, and manage financial aspects. Modules available are: Project Financials, Project Contract Billing, and Grants Management.</p>	<ul style="list-style-type: none"> <li>• Modern, end-to-end enterprise PPM for a single source of project truth</li> <li>• Embedded social collaboration tools</li> <li>• Best-in-class project financials</li> <li>• Modular, easy to adopt project execution solution</li> <li>• Project resource management for best-fit resources on the right projects</li> <li>• Collaborative project planning and scheduling</li> <li>• Real-time social task management for team members</li> <li>• Mobile solutions for project managers and team members</li> <li>• Integrated across the enterprise from opportunity to close-out</li> <li>• Trends and historical analysis for project key performance indicators</li> <li>• Role-based dashboards push exceptions and work to users</li> <li>• Embedded transactional intelligence guides users' decisions</li> </ul>

Oracle's Human Capital Management Cloud (HCM Cloud) goes beyond traditional HR tasks with applications that balance people, process, and technology to improve workforce efficiency, effectiveness, and productivity.

Goals and Objectives Application Suite	Oracle's Proposed Offering Application Suite Description	Benefits to the LEA
<b>HCM Cloud Product Suite</b>		
HCM Base Cloud Service	Provides the Human Resources foundation for the HCM Suite (HR, Benefits, Absence Management, Workforce Predictions, Business Intelligence, and Dashboard Capabilities).	<ul style="list-style-type: none"> <li>Provide value to your employees by managing sophisticated and configurable life events and flex credits</li> <li>Manage and deliver simple or complex benefits programs</li> <li>Align your benefits offerings with your business requirements</li> <li>Comply with regulatory requirements using quick set-up and guided configurations to create new benefit programs</li> <li>Send benefits information accurately and securely to multiple providers and carriers</li> </ul>
Payroll and Time & Labor	Oracle Cloud Payroll solution addresses the myriad requirements needed to operate in today's complex environment. Oracle Time and Labor is a comprehensive, easy to use, rules-based time recording and management system designed to give you maximum visibility and control over your most valuable asset, your people.	<ul style="list-style-type: none"> <li>Reduction in administration, thereby lowering costs</li> <li>Drive efficiency and accuracy</li> <li>Decrease compliance risk</li> <li>Embedded Business Intelligence for simulation and compliance reporting</li> </ul>
Talent Cloud	Oracle Talent Cloud provides organizations the ability to recruit, grow, and retain their talent.	<ul style="list-style-type: none"> <li>Improve productivity by having a single point of interaction to HR, line managers, and employees</li> <li>Increase process adoption through a delivered framework and best practices</li> <li>Promote business flexibility by providing tools to manage and optimize business processes</li> <li>Cut operational costs increasing effectiveness and efficiency</li> <li>Ensure compliance through guided tasks while retaining the required approvals</li> </ul>

The proposed Oracle applications are designed from scratch to:

- Eliminate redundant systems and streamline business process with a modern SaaS application suite designed to work together using a common data model and a common user interface.
- Create a consolidated single integrated cloud-based ERP, HCM, and Payroll system for the entire LEA organization.

- Streamline current manual and ad hoc external and internal processes by bringing together data into a common repository.
- Reduce IT complexity and costs by eliminating the initial and ongoing costs of purchasing, building out, and upgrading its IT infrastructure, while reducing its data center footprint and IT burden.

Oracle Cloud Services are delivered via a SaaS deployment. Oracle Cloud applications provide capabilities customers expect out of SaaS applications including lower Total Cost of Ownership, with no hardware to purchase or software to manage and automatic upgrades and rapid feature advancement. Operational tasks such as installation, patches, ongoing maintenance, upgrades, monitoring, and backup and recovery are managed by Oracle Cloud Operations, and those costs are included as part of the subscription costs.

Our Cloud applications have a greater ability to provide value and cost savings than traditional on-premise applications.

- **Advanced User Interface** – Oracle's Cloud-based applications include the latest usability features most desired by today's workers. That includes total mobility, social collaboration, and data visualization tools for analyzing data. Legacy on-premise applications are still based on older technology, even if they are hosted by the vendor.



- **Built on Open Standards** – Oracle uniquely offers its Cloud services based on the Oracle Database, Oracle Middleware, and Oracle Identity Management and Enterprise Management. Leveraging a complete Oracle software stack enables customers to minimize the risk associated with third-party service providers. It also ensures that you have access to an extensive network of firms and individuals with expertise.
- **Efficient and Lower Cost Infrastructure** – Oracle developed and owns the entire Cloud infrastructure. Oracle uses all of our own components to support our Cloud offerings including hardware, database, middleware, identity management, and operations management. Other Cloud providers rely on components of other companies to provide the same services. Owning the entire infrastructure means we can offer superior service at the lowest possible cost.
- **Customer-driven** – The future direction of Oracle Cloud Services is driven by our customers. One way they do this is to use the Oracle Applications Customer Connect community. It is a private community—exclusive to Oracle applications customers to network and exchange information. This enables customers to help themselves—and each other—by leveraging the collective knowledge of Oracle applications customers and product experts. Business users benefit by receiving relevant information from fellow community members when they need it. Oracle Customer Connect also

allows you to share your own ideas and vote on those from others via the Idea Lab and contribute to Oracle's product roadmap.

- **Integrated Human Capital Management and Financial Modules** – Oracle HCM and Financial modules are fully integrated with one single source of the truth. Standard workflows fully automate business transactions across the HCM and Financial modules to maximize efficiencies and information flow.
- **Employee Self-Service** – Oracle Cloud provides employee self-service functionality, especially with its HCM suite of modules, to enable drive for business processes such as benefits, performance management, and other key business functions.
- **Mobility** – Oracle Cloud can be accessed from any mobile device to enable access to information and initiate business functions. System and user-based security apply to these mobile devices.
- **Ease of Integration** – Oracle's open standards-based application interfaces provide for ease in integration.
- **Advanced Data Integration, Analytics, and Visualization** – Oracle Data Visualization Cloud Service makes easy yet powerful visual analytics accessible to everyone. Users can 'drag and drop' to see data visualized automatically, change layouts, and present new insights. If you have questions about your data, search just like you would online, or browse the guided navigation to find what you're looking for—everything on the screen is connected, helping you more quickly understand and find value in your information.
- **State-level Rollup and Interactive Dashboards** – Oracle Transactional Business Intelligence (OTBI) provides embedded analytics, role-based dashboards, and on-the-fly ad hoc reporting capabilities to Oracle Cloud applications. Pre-delivered operational reports are enriched with robust and flexible ad hoc query capabilities that access real-time transactional data.

## ***Technical Architecture***

The Oracle Cloud Services run on Oracle Engineered Systems, providing customers and partners with a high-performance, reliable, elastic, and secure infrastructure for their critical business applications. While other cloud-based systems are composed of the vendor's application running on a third-party data infrastructure, Oracle uniquely owns and manages the entire infrastructure of its Cloud applications: from the application to the middleware, database, operating system, hardware, and data center facility itself. This means you benefit from a robust, standards-compliant information security architecture that is tightly woven through every layer of the service, from access management in the application layer down to the embassy-grade physical security in Oracle's data center. The benefits of the Oracle Cloud architecture are:

- **Performance** – Oracle Cloud Service applications have been tuned, benchmarked, and certified to run at blazing speeds on Oracle Exalogic systems.
- **Operating System** – Oracle Cloud Service applications run using the Oracle Linux OS. Oracle Exalogic includes extensions to Oracle Linux for enhanced application performance and manageability while maintaining compatibility with existing applications. All software certified for the appropriate Linux versions is fully supported for Exalogic.
- **Database** – The Oracle Cloud Services use the industry-leading Oracle Database engineered with Exalogic hardware, allowing the Oracle Cloud Service to provide over 13,000 virtual machines, 70+ petabytes of storage, and 60.5 million transactions per day.
- **Middleware** – The Oracle Cloud Services foundation provides a best-of-breed application infrastructure for public cloud deployments. Centered on Oracle WebLogic Server, it blends innovative technology with modern Java standards to deliver a converged cloud platform. It is the high-availability, high-performance foundation for Oracle Middleware and is optimized for Oracle's Engineered Systems.

Unlike other multi-tenant architectures, Oracle chose to guarantee the data security by virtualizing customers' environments. Oracle's Cloud architecture is based on virtualization providing the advantages of multi-tenancy without the risks. Using this approach to cloud computing and multi-tenancy, Oracle maintains secure instances of a customer's data in their own database repository, not co-mingled with other customer's data. Customer data is run on a shared Exadata server that houses many customer databases in a secure manner and enables Oracle to improve performance of the data layer of the Cloud solution. The benefits of this approach, apart from securing the customer's data, are:

- Simple, subscription-based pricing ensuring lower initial costs, deployment on preconfigured environments, and faster time to benefit.
- Virtualized segregation of your data so that only you can access them.
- With virtualization, Oracle is able to scale the resources allocated to each customer individually. Oracle monitors the resources with Enterprise Manager and is thus able to adapt allocated resources. For instance, if you plan to bulk upload data, add more users, or manage more employees after a merge and acquisition.

## ***Security***

Built with security in mind, Oracle Cloud offers a robust security model that encompasses industry standards, regulatory requirements, industry best practices, and leverages the security capabilities of the Oracle Database. Oracle provides strong operational data security as part of the Oracle Cloud, including controls at the data center, network, database, middleware, and application levels (Defense in Depth approach).

## **Regulatory Compliance**

Oracle Cloud Services operate under policies which are aligned with the ISO/IEC 27002 Code of Practice for information security controls, from which a comprehensive set of controls are selected, as described by ISO/IEC 27001.

Oracle's data centers adhere to industry best practices and submit to industry certifications such as the SSAE 16 (Statement on Standards for Attestation Engagements), which reports on the controls in place at a service organization. Security audits are conducted on a bi-annual basis and the results of these reports (SSAE 16 SOC 1 and SOC 2) are available upon request by our customers.

Oracle conducts daily vulnerability scans, as well as having security reviews conducted by third-party auditors. Customers are able to request those security assessments as well, which include a summary of identified vulnerabilities as well as Oracle corrective actions.

## **Data Center Security**

Oracle provides secured computing facilities for both office locations and production cloud infrastructure. Common controls between office locations and co-locations/data centers currently include, for instance:

- Physical access requires authorization and is monitored.
- Everyone must visibly wear official identification while onsite.
- Visitors must sign a visitor's register and be escorted and/or observed when on the premises.
- Possession of keys/access cards and the ability to access the locations is monitored. Staff leaving Oracle employment must return keys/cards.

- Additional physical security safeguards are in place for all Oracle Cloud data centers, which currently include safeguards such as:
  - Premises are monitored by CCTV.
  - Entrances are protected by physical barriers designed to prevent vehicles from unauthorized entry.
  - Entrances are manned 24 hours a day, 365 days a year by security guards who perform visual identity recognition and visitor escort management.

The infrastructure design includes redundant power feeds to the data center and redundant power distribution for the data center and to the data center racks. Data center cooling components (chillers, towers, pumps, and computer room air conditioning units) include redundancy. The emergency standby power includes redundant battery backup with generator fuel stored onsite and contracts in place for refueling.

Access to Oracle Cloud systems is controlled by restricting access to only authorized personnel. Oracle enforces strong password policies on infrastructure components and cloud management systems used to operate the Oracle Cloud environment. This includes requiring a minimum password length, password complexity, and regular password changes. Strong passwords or multi-factor authentication are used throughout the infrastructure to reduce the risk of intruders gaining access through exploitation of user accounts.

## **Network Security**

Oracle data centers have numerous methods, tools, and policies to protect network traffic, optimize network usage, and network access. For example, customers can use IP whitelisting to control which devices from their network access the Oracle Cloud applications. Some of the tools and measures documented for network security include: Segregation in Networks; Network Access Control; Network Bandwidth and Latency; Network Routing Control; and Network Intrusion Detection Systems.

In the Oracle Cloud environment, data travels over the internet. To ensure that data communication between the end-user and the Oracle data center is secure, TLS encryption technology is available standard for Oracle Cloud Service access. TLS connections are negotiated for at least 128-bit encryption or stronger.

## **Database Security**

Oracle Cloud applications leverage the next generation tenancy model which we refer to as 'Advanced Virtualized Tenancy.' In this model, each customer accesses their own private database instance, not a database shared with other cloud customers. This provides our customers with the security they require (data isolation from other customers) as well as flexibility in upgrade scheduling, allowing our customers to upgrade at a pace that fits their business operations. Our customers still enjoy the advantages and benefits of the cloud in terms of broad network access, hardware resource pooling for unlimited performance, and rapid elasticity for unexpected demand. Oracle engineered its Cloud on its own high performance hardware and leading technology, offering the best possible performance and security controlled environment.

Customers' business requirements often mandate extra database security precautions; therefore, the Transparent Data Encryption (TDE) option provides an additional layer of protection, by encrypting Oracle Cloud applications data when it is saved to disk.

## **Application-Level Security**

The application-level security features offered by the Oracle Cloud reduce compliance risk and enforce access policies.

- **Single Sign-On** – Oracle supports single sign-on (SSO) to simplify user account management and increase security. Oracle Cloud can integrate with a customer's existing directory management system (LDAP) as well as utilize federated single sign-on with Security Assertion Markup Language (SAML) 2.0 security standards.
- **Role-Based Access Control** – Oracle Cloud leverages the security principle of least privilege using the industry best practice of Role-Based Access Control (RBAC). Using RBAC, application administrators control access to application functions and data (create, read, update, delete), ensuring that a given user only sees systems functions and rows of data pertinent to his/her job. Administrators configure job roles which map to job functions (duties) and data privileges. Application users are then mapped to the appropriate job roles for their respective positions, thereby enabling the user to execute the necessary tasks for their position. Using RBAC greatly simplifies the process of adding users or changing a user's department or organization.

## ***Incident Management***

Vulnerability assessment tools are used to identify security threats and vulnerabilities in the Cloud Services. Formal procedures are in place to assess, validate, prioritize, and remediate identified issues. Oracle subscribes to vulnerability notification systems to stay apprised of security incidents, advisories, and other related information. Oracle acts on the notification of a threat or risk once it has confirmed that, both a valid risk exists and that the recommended changes are applicable to Services environments.

Oracle evaluates and responds to incidents that create suspicions of unauthorized access to or handling of customer data whether the data is held on Oracle hardware assets or on the personal hardware assets of Oracle employees and contingent workers. When Oracle's Global Information Security (GIS) organization is informed of such incidents and, depending on the nature of the activity, it defines escalation paths and response teams to address those incidents. GIS will work with the customer, internal line of businesses, the appropriate technical teams, and law enforcement where necessary to respond to the incident. The goal of the incident response will be to restore the confidentiality, integrity, and availability of the customer's environment, and to establish root causes and remediation steps.

## ***Business Continuity and Disaster Recovery***

Oracle Cloud Services maintains a redundant and resilient infrastructure designed to maintain high levels of availability and to recover services in the event of a significant disaster or disruption. Oracle designs its Cloud Services using principles of redundancy and fault-tolerance with a goal of fault-tolerance of a single node hardware failure.

Oracle Cloud Services provide an infrastructure that incorporates a comprehensive data backup strategy. The Oracle Cloud includes redundant capabilities such as power sources, cooling systems, telecommunications services, networking, application domains, data storage, physical and virtual servers, and databases.

Oracle has two separate data centers that function as primary and secondary sites for Oracle Cloud Services. A customer's production standby (secondary site) environment will reside in a data center separate from a customer's primary site. Oracle will commence the disaster recovery plan under the Cloud Hosting and Delivery Policy upon its declaration of a disaster and will target to recover the production data and use reasonable efforts to re-establish the production environment at the secondary site. For a major regional jurisdictional area (e.g., the United States or the European Union), Oracle operates both a production and secondary site within that region. Customer data is replicated in physically separate facilities in order to restore full services in the event of a disaster at a primary site. Secondary sites are architected to the same performance standards as primary sites. Backups are for Oracle's sole use in the event of a disaster.

In support of Oracle's Cloud Disaster Recovery practices, Oracle periodically makes backups of production data in a customer's Cloud Service for Oracle's sole use to minimize data loss in the event of a disaster. Database backups are stored at the primary site used to provide the Oracle Cloud Services, as well as at an alternate location for redundancy purposes. A backup is retained online and/or offline for a period of at least 60 days after the date that the backup is made. Oracle typically does not update, insert, delete, or restore customer data on behalf of a customer. However, on an exception basis and subject to written approval and additional fees, Oracle may assist the customer to restore data which the customer may have lost as a result of their own actions.

- **Recovery Time Objective** – Recovery time objective (RTO) is Oracle's objective for the maximum period of time between Oracle's decision to activate the recovery processes under this policy to failover the service to the secondary site due to a declared disaster, and the point at which a customer can resume production operations in the standby production environment. If the decision to failover is made during the period in which an upgrade is in process, the RTO extends to include the time required to complete the upgrade. The RTO is twelve (12) hours from the declaration of a disaster.
- **Recovery Point Objective** – Recovery point objective (RPO) is Oracle's objective for the maximum possible length of time during which data could be lost, in the event of a disaster. The RPO is one (1) hour from the occurrence of a disaster, excluding any data loads that may be underway when the disaster occurs.

The Cloud Services Disaster Recovery Plan is tested, as a live exercise or a tabletop test, on an annual basis. The tests are used for training hosting personnel and are coordinated with all personnel responsible for contingency planning and execution. The tests verify that online backups can be recovered and the procedures for shifting a service to the alternate processing site are adequate and effective. Test plans are developed in accordance with NIST 800-34. Results of the testing are used to improve the process and initiate corrective actions.

## ***Upgrades/Environment Management***

Oracle Cloud applications are 100% SaaS, providing capabilities customers expect out of SaaS applications including lower TCO, with no hardware to purchase or software to manage and automatic updates and rapid feature advancement. Oracle automatically performs quarterly updates to customer environments and assumes the ongoing maintenance and management of the application environment on behalf of our customers.

Quarterly updates address customer and internally reported issues along with new functionality. Release readiness documentation and update documents are available to customers within Oracle Customer Connect. Customers will also receive proactive notifications of upcoming maintenance events within their Customer Cloud Portal.

Oracle Cloud Operations performs changes to cloud hardware infrastructure, operating software, product software, and supporting application software that is provided by Oracle as part of the services, to maintain operational stability, availability, security, performance, and currency of the Oracle Cloud. Oracle follows formal change management procedures to review, test, and approve changes prior to application in the production service.

The Oracle Cloud Change Management Policy, which is detailed in the Oracle Hosting and Delivery document, summarizes the maintenance included with the subscription fee. Customers are responsible for all end-user administration within the program and for testing changes applied to their non-production and production environments. Oracle does not manage the customer's end-user accounts.

## ***Service Levels***

Oracle has well-defined Service Level Objective policies, as outlined in the Oracle Cloud Enterprise Hosting and Delivery Policies.

## **Availability**

Oracle works to meet a Target System Availability Level of 99.5% of the Oracle Cloud application (SaaS) production service, for the measurement period of one calendar month, commencing at Oracle's activation of the production environment.

## **Service Request Resolution**

The severity level of a service request submitted by the customer is selected by both the customer and Oracle, and must be based on the following severity definitions:

- **Severity 1** – Production use of Oracle Cloud Services is stopped or so severely impacted that you cannot reasonably continue work. Oracle will use reasonable efforts to respond to a Severity 1 service requests within fifteen (15) minutes. Oracle will work 24x7 until the Severity 1 service request is resolved. You must provide a technical contact during this 24x7 period to assist with data gathering, testing, and applying fixes.
- **Severity 2** – Experience a severe loss of service.
- **Severity 3** – Experience a minor loss of service.
- **Severity 4** – User requests information, enhancements, or documentation clarification regarding your Oracle Cloud Services.

Oracle Cloud Documentation provides detailed documentation on how to get started with Oracle Cloud including getting started materials, tutorials, infrastructure product documentation, additional demonstrations, and videos.

Oracle has well-defined Support policies, as outlined in the Oracle Cloud Enterprise Hosting and Delivery Policies.

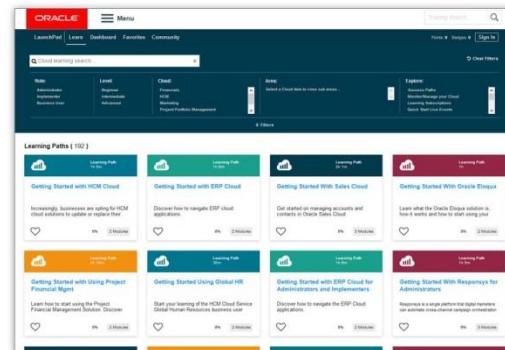
Support Services for Oracle Cloud consists of:

- Diagnosis of problems or issues with the Oracle Cloud Services.
- Reasonable commercial efforts to resolve reported and verifiable errors in the Oracle Cloud Services so that they perform in all material respects as described in the associated Program Documentation.
- Support during Change Management activities described in the Oracle Cloud Change Management Policy.
- Assistance with technical service requests 24 hours per day, 7 days per week.
- 24x7 access to a Cloud Customer Support Portal designated by Oracle (e.g., My Oracle Support) and Live Telephone Support to log service requests.
- Access to community forums.
- Non-technical Customer service assistance during normal Oracle business hours (8:00 to 17:00) local time.

## Oracle Help Center

The Oracle Help Center contains guides, videos, release content, and other resources for Oracle Applications Cloud. You can use the URL to open the Oracle Help Center homepage or get to the Help Center from Applications Help. You can find all of these resources and more on the Oracle Help Center at: <https://docs.oracle.com/en/cloud/saas/index.html>

This also includes access to Oracle Launchpad. Oracle LaunchPad is a free and easy way for end-users, administrators, and implementers to start learning about Oracle Cloud Applications. Access the latest digital training on thousands of topics spanning the Oracle Cloud Application portfolio. Quickly search and learn about cloud topics of interest. Follow a learning path, practice, take quizzes, score points, earn badges, advance your rank, and check your personalized dashboard.



## Applications Help

Find help in the Applications Help site, or from help windows that are available on many of the pages you use. Use the help icon to access Oracle Applications Help in the application. You can also access Oracle Applications Help at <https://fusionhelp.oracle.com>. Applications Help delivers many types of help content including examples, FAQs, glossary terms, help topics, PDF guides, and videos.

Applications Help works without you having to set anything up. You can do the optional setup, mainly if you want to customize help. You can review the predefined help and see if you want to add or customize any content. You can also customize help text that appears on the page, for example hints, and users with the appropriate roles can customize predefined help or add their own files to help.

## Oracle Cloud Customer Connect

Oracle Cloud Customer Connect is a community gathering place for collaboration spanning several solutions. Whether you are looking for the latest release information for Human Capital Management solutions, upcoming events related to Enterprise Resource Planning, answers to use-case questions specific to Supply Chain Management, or executive messaging on Customer Experience, our community is your one-stop-shop.



## Oracle Data Centers

Our data centers are designed to Tier III Uptime Institute standards. Oracle Cloud data centers offer embassy-grade physical and logical security. The services employ management controls, operational controls, and technical controls and are aligned with the security framework of ISO (International Standards Organization) and IEC (International Electrotechnical Commission), specifically ISO/IEC 27002:2005, Code of Practice for Information Security Management and ISO/IEC 27001:2005 standards. Oracle Cloud applications, regardless of the data center location, are assessed and audited for compliance with several global security frameworks. Oracle complies with Safe Harbor and HIPPA data requirements, and our facilities must comply with the industry SSAE16 framework.

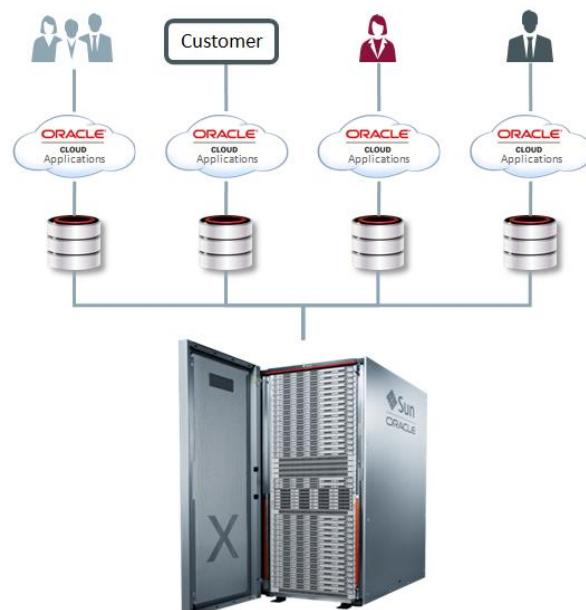
The SOC Type 1 Audit Report is available under an NDA and the SOC Type 2 Audit Report is only available to current customers. Oracle is happy to provide the SOC Type 1 Audit report with a signed NDA.

## ***Hardware Architecture***

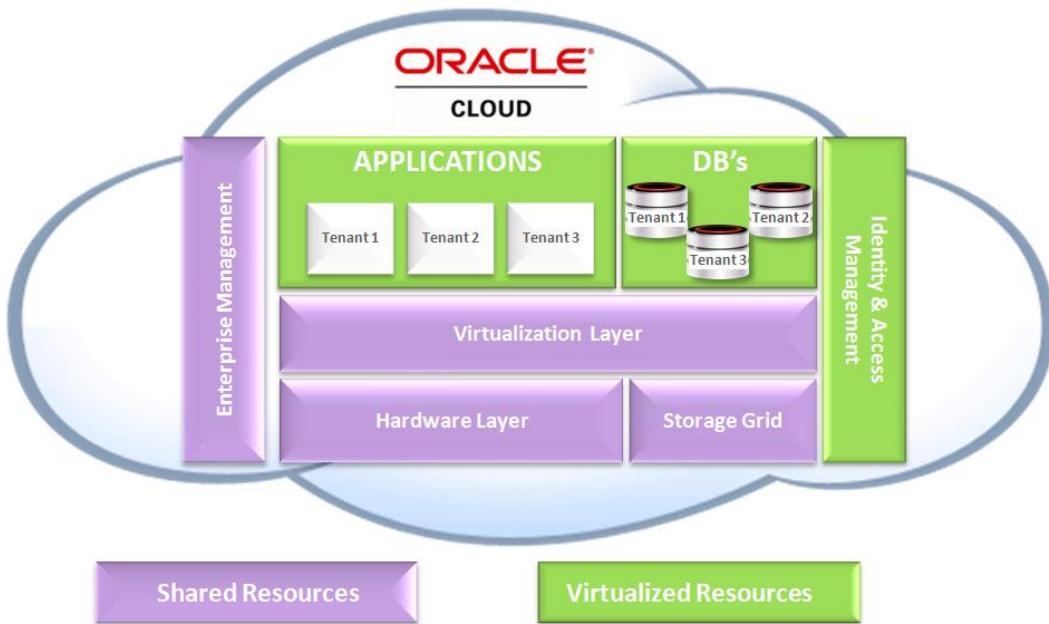
Oracle Cloud utilizes shared hardware among clients but utilizes a virtualized model to support multiple deployments of our solutions. And unlike other multi-tenant architectures typically used by other SaaS vendors, Oracle chose to guarantee the data security by virtualizing customer's environments – including the database.

Oracle's Cloud architecture is based on virtualization (OVM – Oracle Virtual Machine) providing the advantages of multi-tenancy without the risks. Using this approach to Cloud computing and multi-tenancy, Oracle maintains secure instances of a customer's data in their own database repository, not comingled with other customer's data.

Customer data is run on a shared Exadata server that houses many customer databases in a secure manner and enables Oracle to improve performance of the data layer of the cloud solution.



Similarly, a customer's applications, middleware, and configured business processes are also managed in a customer specific application container. The virtualized instance of the applications and middleware tier of the application provides connectivity across and is accessed only by the customer – as there are no other tenants on that application instance. All of the data and application instances are managed by a common enterprise management tool, a common identity management solution, and shared hardware and storage resources.



Oracle Cloud applications and middleware are virtualized into a single 'application/middleware container' for the specific customer deployment and multiple application and middleware containers can be concurrently executed on a single Exalogic machine.

- Isolation is performed by VMs, and domains within those VMs.
- No customer shares VMs.
- Multiple VMs are supported on each of the physical servers that comprise the Exalogic application server.

The benefits of this approach, apart from securing the customer's data are:

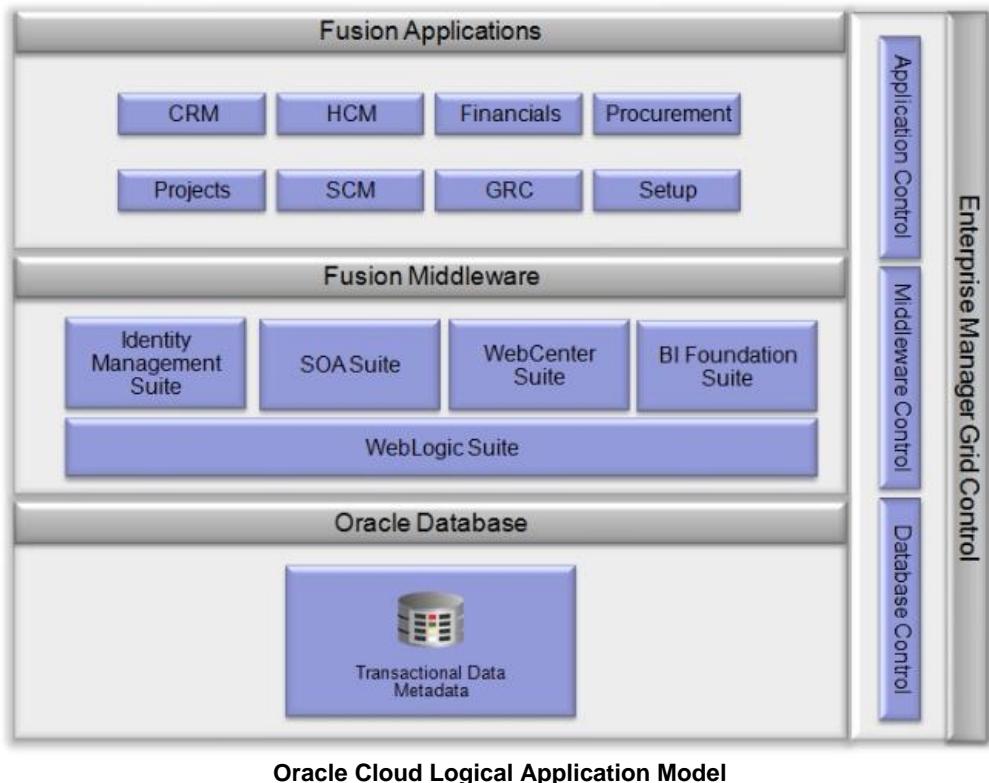
- Simple, subscription-based pricing ensuring lower initial costs, deployment on preconfigured environments, and faster time to benefit.
- Virtualized segregation of your data so that only the LEA and its authorized business processes can access them.
- The possibility to upgrade when convenient for the customer (for instance, if you're on an intense recruitment campaign, you can by request delay the upgrade).
- With virtualization, Oracle is able to scale the resources allocated to each customer individually. Oracle monitors the resources with Enterprise Manager and is thus able to reactively adapt allocated resources. Oracle is also able to proactively adapt the resources when informed by the LEA. For instance, if you plan to bulk upload data, add more users, or manage more employees after a merge and acquisition.

Data is secured a number of ways and at all levels within the application and Cloud Service. Application – Access and Identity Management using Oracle IDM and HCM Cloud Services Security that is based on RBAC and Organizational allow/deny access. Oracle IDM Suite maintains all identities in the system – can be integrated with your local LDAP and we also provide Identity Federation services from the Cloud if that is what is needed.

## ***Technical Architecture***

Diagrams of Oracle's internal services are extremely sensitive information that we are unable to provide in this document. However, we have provided diagrams that are included as part of our documentation, and/or created from publicly accessible information. Diagrams provided are specific to the service component that makes up the majority of the proposed Oracle solution. However, all services share similar web architectures while also being hosted in the Oracle Cloud.

### **Logical Application Model**



### **Enterprise Components**

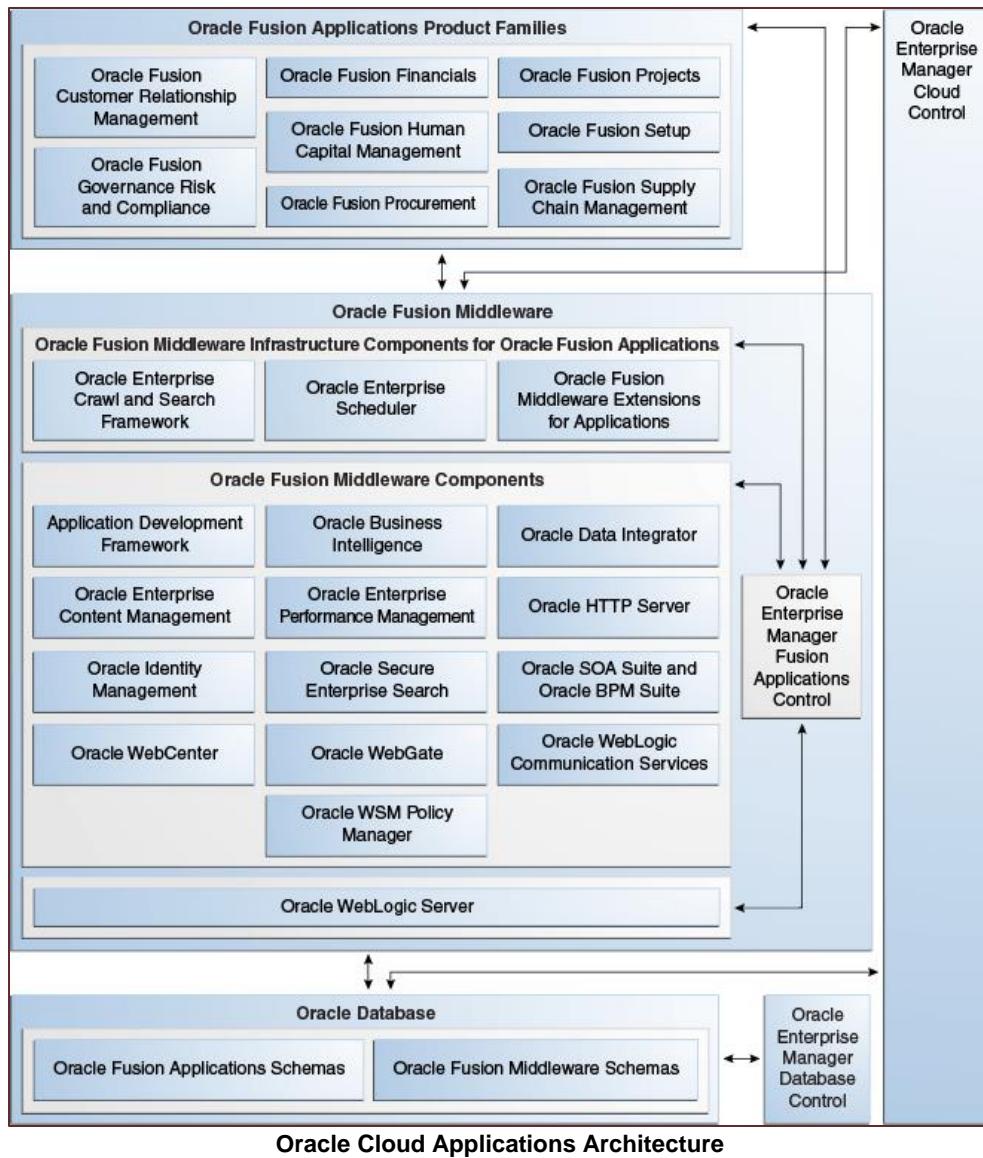
Oracle's Cloud Services are architected from the ground up to serve the needs of large enterprises. Our elastic cloud architecture supports independent scaling at each of three tiers: Web, Application, and Database. Our provisioning and load balancing processes dynamically add additional resources based on current and anticipated usage, allowing us to meet our customers changing resource needs.

Additionally, Oracle Cloud Services maintains a redundant and resilient infrastructure designed to maintain high levels of availability and to recover services in the event of a significant disaster or

disruption. Oracle designs its Cloud Services using principles of redundancy and fault-tolerance with a goal of fault-tolerance of a single node hardware failure.

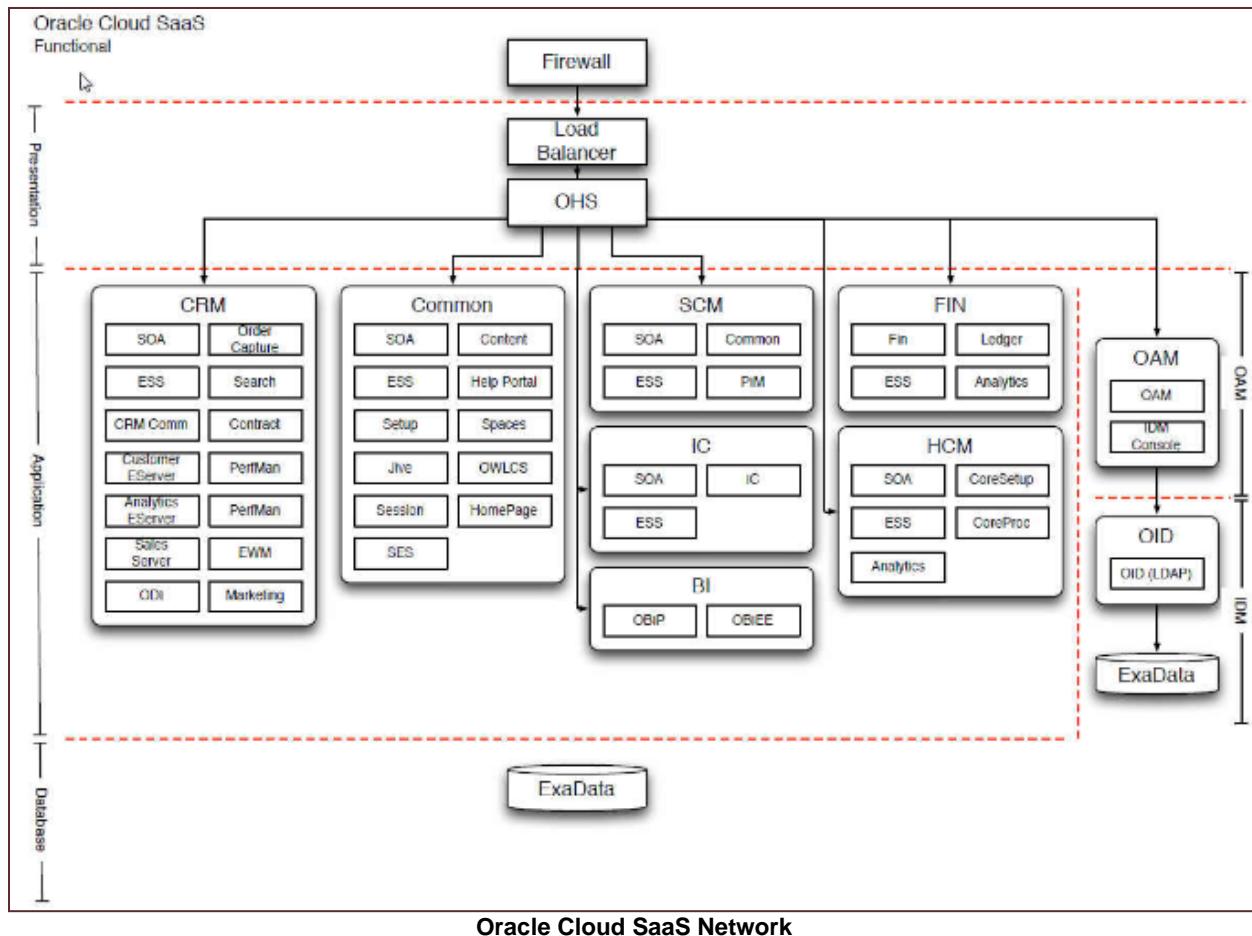
Oracle Cloud Services provide an infrastructure that incorporates a comprehensive data backup strategy. The Oracle Cloud includes redundant capabilities such as power sources, cooling systems, telecommunications services, networking, application domains, data storage, physical and virtual servers, and databases.

Oracle has two separate data centers that function as primary and secondary sites for Oracle Cloud Services. A customer's production standby (secondary site) environment will reside in a data center separate from the customer's primary site. Oracle will commence the disaster recovery plan under this policy upon its declaration of a disaster, and will target to recover the production data and use reasonable efforts to re-establish the production environment at the secondary site. For a major regional jurisdictional area (e.g., the United States or the European Union), Oracle operates both a production and secondary site within that region. Customer data is replicated in physically separate facilities in order to restore full services in the event of a disaster at a primary site. Backups are for Oracle's sole use in the event of a disaster.



## Functional Infrastructure Model and Technical Architecture

Customer access to the system is through the internet. TLS encryption technology is available for Oracle Cloud Service access. TLS connections are negotiated for at least 128-bit encryption or stronger. The private key used to generate the cipher key is at least 2048-bits. TLS is implemented or configurable for all web-based TLS certified programs deployed at Oracle. It is recommended that the latest available browsers certified for Oracle programs, which are compatible with higher cipher strengths and have improved security, be utilized for connecting to web-enabled programs. The list of certified browsers for each version of Oracle programs can be found on the Cloud Customer Support Portal designated by Oracle for the specific service ordered (e.g., the My Oracle Support portal). In some cases, a third-party site that a customer wishes to integrate with the Cloud Service may not accept an encrypted connection. For Cloud Services where HTTP connections with the third-party site are permitted by Oracle, Oracle will enable such HTTP connections in addition to the HTTPS connection.



## Oracle Cloud Standard Product Mix

While Oracle Cloud has an array

### Standard Product Bundle

The Oracle Cloud modules included the standard product set and scope of implementation include the following:

- Financials Cloud Service
- Expenses Cloud Service
- Automated Invoice Processing Cloud Service
- WebCenter Forms Recognition Cloud Service
- Purchasing Cloud Service
- Procurement Contracts Cloud Service
- Self Service Procurement Cloud Service
- Supplier Portal Cloud Service
- Sourcing Cloud Service
- Supplier Qualification Management Cloud Service
- Inventory Management Cloud Service
- Planning and Budgeting Cloud Service

- Enterprise Performance Reporting Cloud Service
- Human Capital Management Base Cloud Service
- Global Payroll Cloud Service
- Time and Labor Cloud Service
- Workforce Compensation Management Cloud Service
- Career Development Cloud Service
- Goal Management
- Oracle Learning Cloud Service
- Performance Management Cloud Service
- Additional Test Environment(s)

## **Optional Product Bundle**

The below Oracle Cloud modules are considered ‘optional’ for the implementation and are not included as part of the standard product set and pre-negotiated implementation cost:

- Project Financials
- Project Contract Billing
- Grants Management
- Oracle Talent Acquisition

These modules could be added to the project scope at an additional cost.

## ***Detailed Descriptions of Oracle Cloud Modules***

### **Financials Cloud Services**

Oracle Financials Cloud Service offers an integrated financial management suite that is designed to automate, streamline, and control financial processes end-to-end without expensive hardware and system management overhead costs.

Oracle Financials Cloud Service transforms process automation and information access to simplify controls, increase productivity, and improve business decisions. It includes a broad suite of capabilities including general ledger, accounts payable, accounts receivable, fixed assets, expenses, collections, and cash management as well as centralized accounting, tax, payment, and intercompany engines.



## Key Features:

- Innovative embedded multi-dimensional reporting platform.
- Simultaneous accounting of multiple reporting requirements.
- Role-based dashboards push issues and work to users.
- Embedded transactional intelligence guide users' decisions.
- Out-of-the box imaging integration for supplier invoices.
- Extensive spreadsheet integration across finance functions.

## Key Benefits:

- Gain real-time access to live financial data.
- Comply with global accounting standards and multiple legislative, industry or geographic requirements.
- Proactive issue resolution for automated processing.
- Improve decision-making and increase accuracy during transaction entry.
- Reduce transaction processing costs and data entry errors.
- Save on training costs and increase productivity when handling large data volumes.

## The New Standard for Financial Reporting

There are different reporting needs within the finance organization. The CFO needs professional-quality financial statements, financial analysts need to analyze ledger balances, and other users need to perform ad hoc transactional queries. A common complaint from all these professionals is that the data is dispersed across multiple sources and is outdated, inaccurate, and time consuming to gather.

Oracle Financials delivers a state-of-the-art reporting platform that is natively built on top of an analytic data model. Single-step posting from transactions to the analytic data model ensures consistent, timely, and accurate information for both management and external reporting. All the reports work off the same data source and support drill-downs to live source transactions. All queries and reports are accurate up to the minute, providing multidimensional analysis without the need for a separate data warehouse.

Accessing information is different in Oracle Financials. Users no longer need to depend on IT involvement to create reports or queries. Finance users can gain access to live financial reports and report snapshots through a secure, self-service reporting center. Other users can easily create their own ad hoc transactional queries using predefined business views that use common business language specifically designed for nontechnical users to understand.

**Result:** Live access to information how and when users need it.

### **The New Standard for Decisions**

Finance users, especially those doing heads-down data entry, often have limited information to complete transactions. Studies show that users can waste up to 25 percent of their day searching for data, and companies can spend the equivalent of 10 percent of salary expenses on employees performing ineffective searches.

Oracle Financials reduces time wasted on ineffective searches by arming users with the precise information they need at the right time. Configurable, role-based dashboards consolidate information from a variety of sources, proactively monitor processes, and push exceptions to various finance roles so they can take immediate action.

Users know exactly what they need to do just by logging in. With Oracle Financials, the system does more of the thinking for you by providing real-time intelligence within the context of a business transaction to guide your decisions.

**Result:** Better decision-making by all users.

### **The New Standard for Productivity**

Finance organizations are constantly trying to find ways to be more productive and to do more with less. Unfortunately, transaction processing still dominates much of finance's workload. Oracle Financials dramatically lowers the costs of resource-intensive tasks. Native spreadsheet technology provides a natural extension to transactional entry to support high-volume data entry across most finance functions. Innovative out-of-the-box imaging integration dramatically improves invoice processing and eliminates the need for costly third-party solutions. In addition, Oracle Financials is designed to work the way finance users work on a daily basis. All pages are configurable and optimized for the most productive user experience.

**Result:** Less time spent on menial tasks and more time on value-added activities.

### **Complete Financial Management Solution**

Oracle Financials is a complete financial management solution that includes the following products:

- Assets
- General Ledger
- Payables
- Payments
- Receivables
- Advanced Collections
- Cash Management

- Expenses
- Financial Reporting Center

## **Financials – General Ledger**

Oracle General Ledger supports fund accounting and allows the District to comply with GAAP, GASB, and District Charter accounting standards. A modern user experience and contemporary, information-rich features provide everything you need to make better decisions, meet financial compliance, and improve your bottom line. The General Ledger supports the accounting requirements for public sector organizations through a flexible organization and financial reporting structure.

A feature unique to Oracle General Ledger is Subledger Accounting, which is a highly configurable accounting solution that transforms transactions with accounting impact into detailed subledger journal entries. It provides a flexible and centralized toolset to define accounting policies and generate accounting per legal and organizational reporting needs (such as GAAP, GASB, and District Charter accounting standards), and reconcile accounting to transaction data using built-in functionality.

In addition, Financials Cloud supports budgetary control and encumbrance accounting. This is a complete and integrated solution with advanced budget preparation, proactive control and monitoring of budget consumption, and robust inquiry and reporting. It enables public sector organizations, like the District, to define and manage budgets and spending with better visibility into commitments, obligations, and expenditures and comply with legal reporting requirements.

Oracle General Ledger's flexible chart of accounts structure will allow the District to easily accommodate their desired chart of account code structure and permit for growth or change over the lifetime of the structure. The chart of accounts structure may contain up to 30 different segments (i.e. fund, department, appropriation, fiscal year, ledger/account/object, organization, sub-object, function, program, project, reporting unit, etc.) and each segment may be up to 25 characters long, not to exceed an overall chart of account length of 240 characters. The District may define their structure using simple set up screens, without any programming required. The chart of accounts structure is shared by all Oracle Cloud applications and as changes are made to chart of accounts over time, these changes are reflected in all of the modules without any programming.

General Ledger also provides flexible validation rules for the chart of accounts. Each segment may have a list of valid values (defined by the District) and General Ledger provides automatic edits by permitting only valid values to be used during transaction entry. Cross-validation rules may also be enforced to ensure that only valid combinations can be created and entered. (For example, the District could implement a rule that would only allow specific Programs to be used in combination with certain Funds and Departments.)

Oracle's chart of accounts structure also supports unlimited hierarchies (or trees) and tree versions within a given segment. For instance, within a single segment called "Department," the highest level could equate to the entire District, the next level could indicate the agency or department, the third level could depict the division, the fourth could be cost center, and so forth. The trees/hierarchies defined can facilitate summary inquiries and summary reporting.

In Oracle Financials Cloud, journal entries post accounting balances to the General Ledger for reporting and analysis. Journals are automatically balanced by fund. The District can define interfund balancing rules to generate the accounts needed to balance journals that are out of balance by fund. You can specify the interfund receivables and interfund payables accounts you want to use.

General Ledger supports tracking financial results at a finer level of granularity than a single balancing segment. In addition to the required primary balancing segment for the chart of accounts, which is typically associated with the “fund” dimension of an organization, two additional segments of the chart of accounts can be optionally qualified as the second and third balancing segments respectively. Possible chart of accounts segments that can be tagged as these additional balancing segments include cost center or department, additional aspects of a business commonly used in measuring financial results.

The screenshot shows a software interface for managing financial journals. At the top, there's a header bar with the Las Vegas Valley Water District logo, user information (Harold Wilson), and various navigation icons. Below the header, the main area is titled "Journals" and displays a "Journal Batch: KLO-ADJ-040516-101". The batch details include:

- Journal Batch:** KLO-ADJ-040516-101
- Description:** Redcess between funds
- Accounting Period:** APR-16
- Attachments:** None
- Source:** AutoCopy
- Balance Type:** Actual
- Approval Status:** Approved
- Funds Status:** Reserved with warning
- Batch Status:** Posted
- Completion Status:** Complete

Below the batch details, there are two journal entries listed:

Journal	Description	Ledger	Accounting Date	Category	Currency	Conversion Date	Conversion Rate Type	Conversion Rate	Inverse Conversion Rate
KLO-ADJ-022216-101	Redcess between funds	Progress US Primary Ledger	4/5/16	Adjustment	USD - US Dollar	4/5/16	User	1	1

The bottom section, titled "Journal Lines", shows a table of transaction lines. The columns are: Line, Account, Entered (USD), Debit, Credit, and Description. The data is as follows:

Line	Account	Entered (USD)	Debit	Credit	Description
1	1001-0000-0000-11110-0000-0000-00000000		50,000.00		
2	1230-0000-0000-11110-0000-0000-00000000		50,000.00		
3	1001-0000-0000-21210-0000-0000-00000000		50,000.00	50,000.00	Ledger intercompany balancing line.
4	1230-0000-0000-12180-0000-0000-00000000		50,000.00	50,000.00	Ledger intercompany balancing line.
<b>Total</b>		<b>100,000.00</b>	<b>100,000.00</b>		

**Journal showing automatic interfund balancing (interfund payable & receivable) lines**

## Real-time Updates to Embedded Multidimensional Data Model

- Ensure timely and accurate information with real-time updates to balances upon posting transactions.
- Quickly analyze and report on balances that are pre-summarized at every possible summarization level in the chart of accounts hierarchy.
- Eliminate the need to have multiple systems or data warehouses by using a single system that supports all financial management, reporting, and analysis needs.

## General Accounting Dashboard

- Have a comprehensive view of journals requiring attention, intercompany transactions that are incomplete, account balances that have exceeded their thresholds, and the close status of subledgers, and ledgers from a central place.
- Increase user productivity by reducing multiple searches and the number of pages he needs to access by pushing information across areas in one place.

The screenshot shows the Oracle Financials Cloud Journals interface. On the left, a sidebar titled 'Journals' lists various tasks and sub-modules: Manage Journals, Create Journal, Create Journal in Spreadsheet, Create Encumbrance Journal in Spreadsheet, Run AutoPost, Run AutoReverse, Create Allocation Rules, Generate General Ledger Allocations, Generate Intercompany Allocations, Import Journals, Correct Import Errors, Delete Import Data, Create Subledger Journals in Spreadsheet, Review Subledger Journals, Create Taxable Transactions in Spreadsheet, and Correct Taxable Transactions in Spreadsheet.

The main area displays the 'Edit Journal' screen for a 'Journal Batch: Facility expense negotiated increase provision 2/14/2014'. The journal details include:

- Journal Batch:** Facility expense negotiated increase provision 2/14/2014
- Description:** Facility expense negotiated increase provision
- Accounting Period:** 02-14
- Attachments:** None
- Source:** AutoCopy
- Balance Type:** Actual
- Approval Status:** In process
- Funds Status:** Not attempted
- Batch Status:** Error - Unapproved journal batch
- Completion Status:** Complete

Below the journal batch, the 'Journal' screen shows the same information with additional details:

- Journal:** Facility expense negotiated increase provision 2/14/2014
- Description:** Facility expense negotiated increase provision
- Ledger:** US Primary Ledger
- Accounting Date:** 02/14/2014
- Category:** Adjustment
- Currency:** USD - US Dollar
- Conversion Date:** 02/14/2014
- Conversion Rate Type:** User
- Conversion Rate:** 1
- Inverse Conversion Rate:** 1

The 'Journal Lines' section shows the transaction details:

Line	Account	Entered (USD)	Debit	Credit	Description
1	101.10.63500.751.000.000		2,200.00		
2	101.10.22270.000.000.000			2,200.00	
<b>Total</b>			<b>2,200.00</b>	<b>2,200.00</b>	

At the bottom, it indicates 'Columns Hidden: 5'.

## Budgetary Control

Budgetary control and encumbrance accounting within Oracle Financials Cloud is a complete and integrated solution with advanced budget preparation, proactive control and monitoring of budget consumption, encumbrance accounting (including pre-encumbrances), and robust inquiry and reporting. It enables public sector organizations to define and manage budgets and spending with better visibility into commitments (pre-encumbrances – i.e. requisitions), obligations (encumbrances – i.e. purchase orders), and expenditures and comply with legal reporting requirements.

Prevent overspending with real-time checks and reservations against budgets, projects, or grants when processing requisitions, purchase orders, supplier invoices, or journal entries. Optionally review the transaction impact on a budget even before the transaction is approved. Allow overrides of budget limits by authorized users where appropriate. Automatically create and liquidate encumbrance journals throughout the procure-to-pay lifecycle to ensure compliance with legal accounting requirements. Key features include:

- Real-time spending control for procure-to-pay transactions including pre-encumbrances and encumbrances.
- Control for accounts, projects, and resource costs.
- Spending limit overrides.
- Automatic creation and liquidation of encumbrance journals.
- Budget Consumption Monitor.
- Robust reporting and analysis.

Fund	Departr	Department Description	Account	Account Description	Budget (USD)		Consumption (USD)			Funds Available	
					Total	Commitments	Obligations	Expenditures	Total	Amount (USD)	Budget (%)
1230	13500	13500-General Accounting	50000	50000-Expenses	500,677.84	80,032.00	201,033.00	0.00	281,065.00	219,612.84	43.9
1230	11400	11400-Mainframe Support	50000	50000-Expenses	906,781.28	130,940.00	370,728.00	0.00	501,668.00	407,113.28	44.8
1230	12100	12100-Building A	50000	50000-Expenses	1,361,441.44	136,531.00	484,121.00	0.00	620,652.00	760,789.44	55.1
1230	11200	11200-Software Development	50000	50000-Expenses	1,444,355.04	170,810.00	432,559.00	0.00	603,369.00	840,986.04	58.2

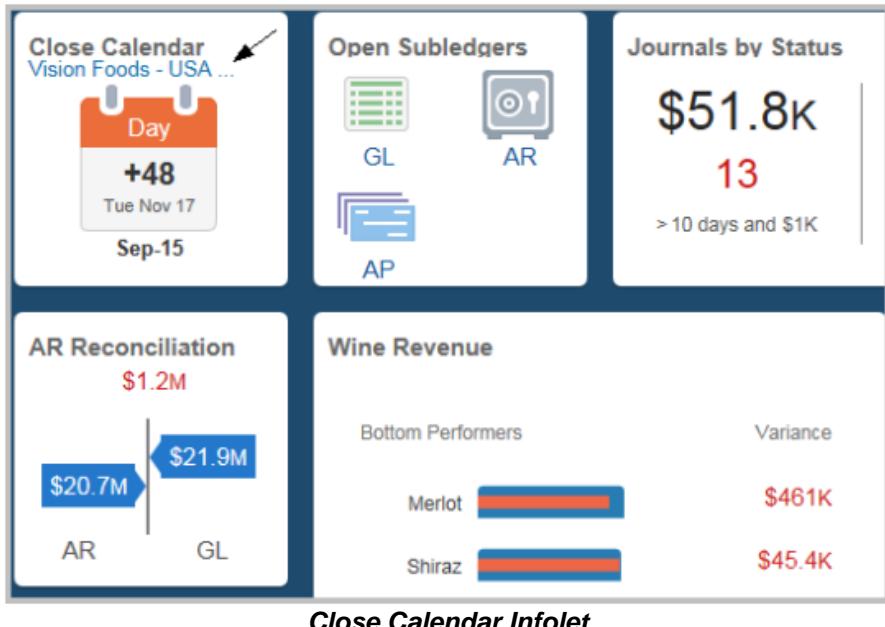
**Budget Monitor – Provides budgetary analysis for desired accounts**

## Close Status Monitor

Using the Period Close Dashboard in Oracle Financials Cloud Service users can immediately identify which subledgers have not closed. With a visual representation of the close process across the entire organization, including a hierarchy viewer that illustrates where the close status is dependent on the status of related subsidiaries, users have complete visibility and centralized control of the close status of subledgers, such as Projects, Payables, Receivables, Assets, and ledgers in General Ledger.

Source	Unaccounted	Accounted but Not Transferred	Error	Draft
Assets	0	0	0	0
Cash Management	0	0	0	0
Cost Accounting	32	0	0	0
Expenses	0	0	0	0
External Billing System	0	0	0	0
Insurance	0	0	0	0
Payables	0	0	0	0

The Close Calendar Infolet shows the ledger and accounting period referred to by all the General Accounting Infolets on the page.



*Close Calendar Infolet*

### Date-Effective Account Hierarchies

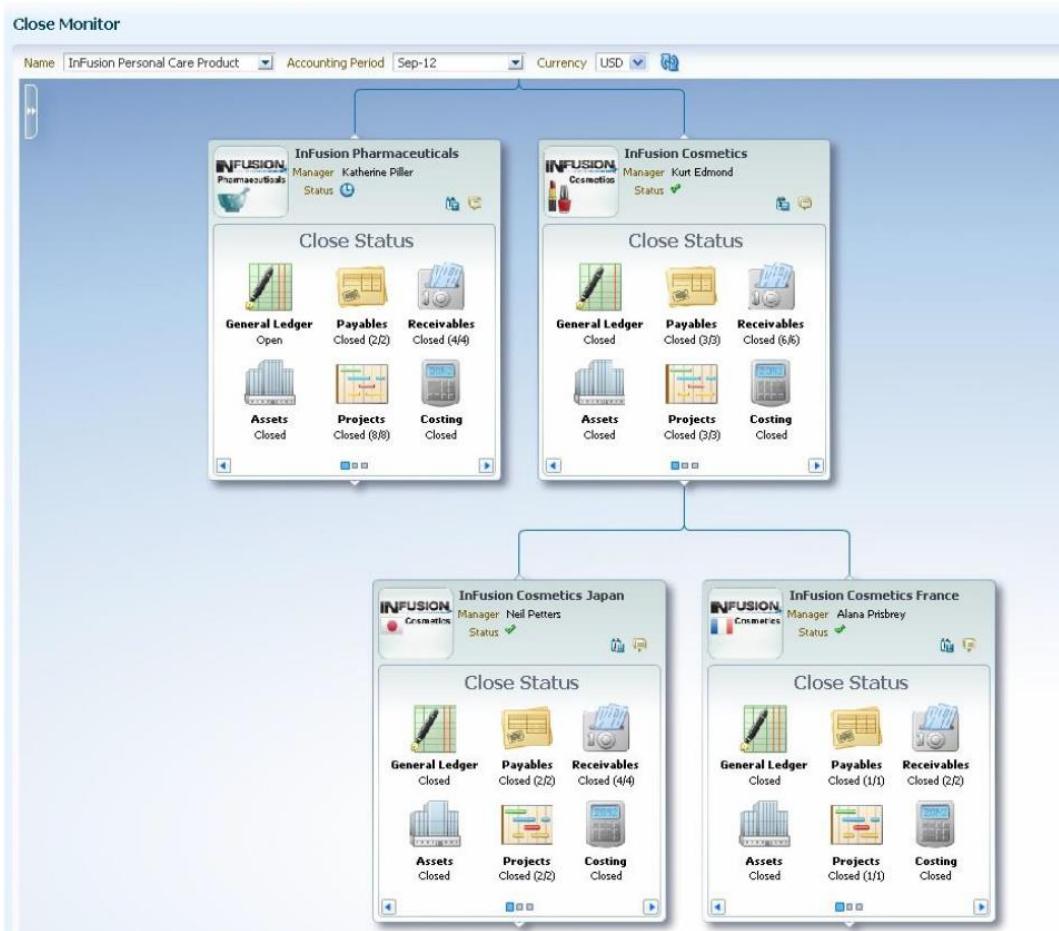
- Maintain multiple versions of your account hierarchies to accommodate changes in organizational structures and the chart of accounts.
- Report on different hierarchy versions for comparison purposes and what-if analysis.

### Projected Balances During Journal Entry

- View the projected balance of an account during journal entry to understand the impact before posting.

### Account Monitor

- Continuously be alerted to sudden changes in account balances in real-time based on thresholds you define so you can take action sooner.
- Quickly drill down through multiple levels of summarized balances, view different perspectives of the balance, and even drill back to the originating transaction to investigate the root cause.



## Allocation Engine and Wizard

- Intuitively create complex allocation formulas with the graphical allocation wizard.
- Significantly improve performance by allocating pre-summarized balances.

## Financials - Accounts Payable (Core Module)

Accounts Payable, part of Oracle Financials Cloud, allows the District to disburse money to vendors using various payment methods including electronic (EFT, bill payable, or wire) or printed, such as a check. A payment method can pay one party or can pay multiple third-party payees. Vendors select the payment method of choice when they register online with the District. In the case of electronic payments, the system provides the ability to create a Positive Pay file to send to your banking institution.

Payables support two-way, three-way, and even four-way matching. Matching is performed automatically if the receipt has been entered into the system. If the receipt has not been entered, the invoice will be placed on hold awaiting further action. Four-way matching requires an inspection, using an inspection report, of the good to be performed before the invoice can be processed. The matching process is specified on the purchasing document and enforced on the invoice.

**Purchasing**

Overview Purchase Order: 162560 X Edit Document (Purchase Order): 162560 X

**Edit Line:**

Sold-to Legal Entity  
Order 162560  
Line Type Goods

Item

\* Description Forklift

Supplier Item

Supplier Configuration ID

\* Category Name Miscellaneous

**Shipping and Delivery**

**Billing**

PO Charge Account

Match Approval Level    
**2 Way**  
 3 Way  
 4 Way

**Additional Information**

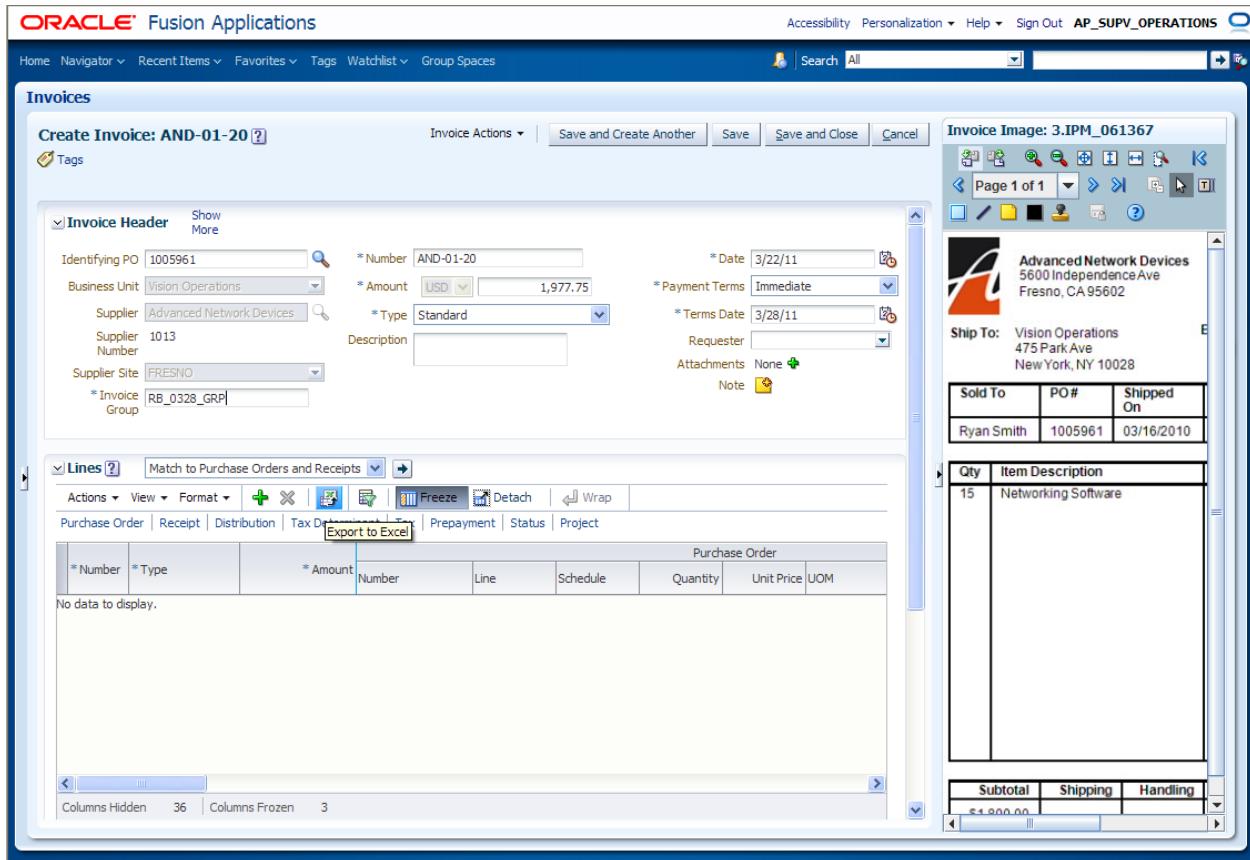
### Matching Process

## Out-of-the Box Imaging Integration for Supplier Invoices

Oracle Payables supports out-of-the-box invoice imaging integration. Supplier invoices can be scanned with intelligent document recognition and then automatically routed to the appropriate finance personnel for faster completion, approval, and payment processing.

You can view the invoice image directly within Payables while creating an invoice – so it is easy to complete the task quickly and accurately. Upon saving, the invoice images are automatically linked to the invoice, so you can easily view them throughout the invoice's lifecycle, such as during the approval and auditing.

- Reduce transaction processing costs and data entry errors with pre-populated invoice data.
- Eliminate the need for costly third-party solutions that require custom integration.
- Increase productivity for invoice approvals and audits by being able to access the invoice image through the invoice's lifecycle.



## Interactive Payables Dashboard

Payables supports multiple ways to manage invoices including manual entry and maintenance, off-line process with the use of spreadsheets, and most importantly, complete invoice automation with optical character recognition and import capabilities. Payables supports out-of-the-box invoice imaging processing whereby supplier invoices can be scanned with intelligent document recognition and then automatically completed, validated, approved, and paid without any user intervention. Invoices requiring attention can be automatically routed to the appropriate finance personnel for faster completion, approval, and payment processing.

The District can view the invoice image directly within Payables while creating an invoice – so it is easy to complete the task quickly and accurately. Upon saving, the invoice images are automatically linked to the invoice, so you can easily view them throughout the invoice's lifecycle, such as during approval and audit. With the integrated imaging solution and optical character recognition (OCR) capabilities in Payables, you can make invoice entry faster, reduce errors, and help the District dramatically reduce invoice-processing costs.

The screenshot shows the Oracle Financials Cloud interface. On the left, the 'Edit Invoice' screen is displayed for invoice LEE-040516-DP2. It includes fields for Identifying PO (701367), Business Unit (Progress US Business Unit), Supplier (Lee Supplies), Supplier Number (1252), Supplier Site (Lee Progress US), Legal Entity (Progress US Legal Entity), and Invoice Group. The invoice header details are: \* Number LEE-040516-DP2, \* Date 8/21/15, \* Payment Terms Immediate, Type Standard, \* Terms Date 8/21/15, Requester [empty], Attachments Invoice image LEE-040516-DP, Note [empty]. The 'Lines' section shows a grid of purchase order items:

Line	Schedule	Quantity	Unit Price	UOM	Final Match	Match Bas
1	1	1	20	Ea	Quantity	
2	1	1	125	Ea	—	Quantity
3	1	1	5	Ea	—	Quantity

On the right, an 'Invoice Summary' window is open, showing the invoice details: Invoice # LEE-040516-DP2, Date 08/21/2015. It lists the ship-to and bill-to addresses, sold by (Tim Gould), and a detailed breakdown of the items shipped:

Qty	Item Description	Unit Price	Amount
1	Standard Inkjet Printer	\$20.00	\$20.00
1	Multifunction Color Laser Printer	\$125.00	\$125.00
1	Integrated Tablet Case	\$5.00	\$5.00

Summary totals: Subtotal \$150.00, Shipping \$20.00, Handling \$0.00, Sales Tax \$0.00, Total \$170.00.

## Invoice Help Desk

- Easily answer supplier queries or audit invoices with immediate access to a complete snapshot of an invoice.
- Perform basic or sophisticated invoice searches using a variety of predefined and extensible search criteria.

## Excel-based Invoice Entry

- Quickly enter and correct invoice import errors using a familiar environment.
- Reduce training costs.

## Payables to General Ledger Reconciliation

- Quickly reconcile payables to the general ledger to close your books faster.
- Ensure payables activity is properly captured and reflected in the financial results.
- Quickly investigate differences in balances with drilldowns.

## Financials – Accounts Receivable

Receivables, part of Oracle Financials Cloud, provides the functionality to create, view and print detailed or summary information about your invoices, credit memos, debit memos, and chargebacks for many different user-defined transaction types and items for billing. In addition, Receivables allows you to import transactions from other systems and generate invoices and credit memos automatically according to your requirements.

The screenshot shows the Oracle Receivables Billing Work Area interface. On the left, a navigation sidebar lists categories like Transactions, Customers, Customer Account Balances, Accounting, and Reports and Analytics. The main area is titled 'Overview' and contains several sections:

- Incomplete Transactions (12):** A grid showing transaction details such as Transaction Number (10004-10012), Transaction Class (Invoice), Transaction Source (Manual), Bill-to Customer (various companies), Entered Amount (e.g., 26,456.63 USD), Transaction Date (e.g., 5/28/14), and Business Unit (US1 Business Unit).
- Pending My Approval (4):** A grid showing adjustment details like Adjustment Number (1-4), Receivables Activity (Goodwill Discount, Transaction Adjust.), Adjustment Type (Line Adjustments, Write off), Adjustment Reason (Discount, Write off), Entered Amount (e.g., -590.00 USD, -5,112.81 USD), Comments (Goodwill discount, -1,013.22 USD), Adjustment Date (e.g., 1/29/14, 1/31/14, 2/12/14), Customer (Computer Service and Rentals, Business World, Ells Cable), and Created By (Robert Lam, Jim Jones).
- AutoInvoice Errors (0):** A section indicating no errors found.
- Process Monitor:** A table showing process names, IDs, statuses, and scheduled times.

### Receivables Billing Work Area – Create, View, Adjust and/or Print Invoices

Receivables provide robust capabilities for setting up and managing customer information and relationships. Customer information such as accounts, sites (locations or addresses), contacts, relationships, late charges, communication preferences and much more can be managed by authorized users.

The screenshot shows the Oracle Manage Customers page. The top navigation bar includes links for Home, Help, and User Profile (Tracey Allen). The main content area is titled 'Manage Customers' and includes the following sections:

- Search:** Fields for Registry ID, Organization Name (Computer), D-U-N-S Number, Primary URL, Account Description, and Account Number. Buttons for Advanced, Search, Reset, and Save... are available.
- Search Results:** A grid showing customer details like Registry ID (10060, 19965), Organization Name (Computer Service and Rentals, Computer Services), D-U-N-S Number (01-852-7535 US, US), Country (IA, ME), and Primary Address (301 E Summit Hill Dr, KNOXVILLE, IA 37915, 110 Community Dr, AUGUSTA, ME 04330).
- Computer Service and Rentals: Accounts:** A grid showing account details like Account Number (10060), Account Description (Computer Service and Rentals), Customer Class (External), and Account Type (External).
- Computer Service and Rentals 10060: Sites:** A grid showing site details like Site Number (1036, 1035, 1099, 1100, 15141, 253933), Address (1400 PEACHTREE RD NE, ATLANTA, GA 30309, 301 E Summit Hill Dr, KNOXVILLE, IA 37915, International House, Stanley Boulevard, Hamilton Int'l Technology Park, GLASGOW, Strathclyde, G72 0BN, UNITED KINGDOM, 40 Quai Rive Neuve, 13007 MARSEILLE, FRANCE, CHINA, 200062 SHANGHAI SHI, Shanghai, HK Road, Chang Ning Qu, JAPAN, 1500002, Tokyo, SHIBUYA-KU, SHIBUYA, Shibuya-ku, Shibuya 1-2-3), Country (United States, United States, United Kingdom, France, China, Japan), To Date, Purpose (Ship to, Bill to, Ship to, Bill to, Ship to, Bill to, Ship to, Bill to, Ship to), and Account Address Set (Customer Site Set, Customer Site Set).

### Manage Customers page – Search for customers and view and/or update customer information

## **SmartReceipts**

- Correctly match receipts to invoices based upon system generated recommendations that include exception handling.
- Reduce the number of future manual receipt applications by tracking metrics related to why the system could not automatically apply the receipt.

## **Excel-based Receipt Entry**

- Quickly create and update customer receipts and increase users' ability to process payments and remittance data.
- Leverage the inherent Excel functionality, such as copy and paste, and send spreadsheets to reviewers and approvers.

## **Mass Revenue Adjustments**

- Quickly locate and adjust multiple revenue transactions and select multiple lines for scheduling and contingency updates.
- Perform basic or sophisticated searches using flexible search criteria.

## **Receivables to General Ledger Reconciliation**

- Quickly reconcile receivables to the general ledger to close your books faster.
- Ensure receivables activity is properly captured and reflected in the financial results.
- Quickly investigate differences in balances with drilldowns.

## **Projects Billing Integration**

- Automate the flow of sending project billing and revenue information from Project Billing to Receivables with the out-of-the-box integration.
- Reduce errors that usually occur with separate systems.

## **Financials - Cash Management**

Financials Cash Management automates the reconciliation of cash and payments made by a customer via a bank reconciliation process.

## **Bank Statements and Reconciliation Work Area**

- Eliminate time-consuming searches and navigation to multiple pages by accessing bank statement and reconciliation processing from a single page.
- Proactively address errors and warnings with automatic alerts and one-click navigation to relevant bank statement lines and details.

## **Standard Bank Connectivity**

- Efficiently manage multiple bank accounts and reduce IT costs with native support for ISO 20022 standardized XML messaging, SWIFTMT940, BAI2, EDIFACT, and FINSTA.

## Intelligent Match Suggestions

- Save time when manually matching unreconciled bank statement lines with system-suggested potential matches.

## Auto-Reconciliation

- Automate bank statement reconciliation with flexible matching rules and multiple passes during automatic reconciliation.

## Financials - Assets

Assets, part of Oracle Financials Cloud, automate asset management and simplifies fixed asset accounting tasks. Assets provide visibility into all of your organizational assets, both capitalized and non-capitalized assets. It allows you to capture financial information, asset details, asset assignments, attachments, and other information concerning your assets. Standard management tasks, such as asset additions, asset transfers, disposals, reclassifications, financial adjustments, and legacy data conversions can be streamlined with automated business flows. Standard accounting, operational, and registry reports are available for ease of reconciliation and analysis.

The screenshot shows the Oracle Financials Cloud interface for managing assets. On the left, a sidebar lists various tasks under categories like Financial Transactions, Tax, and Accounting. The main area is titled "Inquire Assets" and displays a grid of asset details. One row is selected for "Asset 100010" with the description "Suburban". To the right of the grid, there are tabs for "Asset 100010: Books" and "Book US CORP: Details". The "Book US CORP: Details" tab is active, showing financial details for the asset. The table includes columns for Current Cost, Original Cost, Net Book Value, Salvage Value, Recoverable Cost, Depreciation Reserve, and Net Book Value. At the bottom of this section, there is a table for "Financial Details" with rows for YTD Depreciation, Deprecation Reserve, YTD Bonus Deprecation, and YTD Impairment.

**Financial Transactions**

This screenshot shows the "Add Asset" dialog box. It has fields for "Asset Type" (set to "Capitalized"), "Category", and "Description". Below the dialog, a table shows asset details: Cost (12,000.00), Currency (USD), Description (1234567890123456789012345678901...), and Asset Number (100010).

**Adding Assets**

## **Assets Dashboard**

- Manage assets from a single location, such as monitoring incoming asset source lines from multiple systems (Projects, Payables, and third-party systems), monitoring asset books, running depreciation, and closing the period.
- Balance the workload by assigning asset lines to preparers.
- Increase productivity by exporting asset source lines to Excel to update large volumes of asset data.

## **Draft Asset Acquisitions**

- Quickly add assets with limited information and save them as a draft to make sure you keep track of all assets and eliminate paper trails.
- Complete asset information from a central page to prevent period close delays.

## **Draft Asset Retirements**

- Quickly add retirements with minimal information until complete information is available to track retirements and eliminate paper trails.
- Complete asset retirements from a central page to prevent period close delays.

## **Expenses Cloud**

Oracle Expenses is a complete solution for expense management that gives financial managers the detailed information they need and employees the easy data entry options they want. The online and spreadsheet entry options along with mobile entry and approvals reduce administrative headaches while still capturing essential data for effective cost management.

Oracle Expenses provides your organization with the tools to effectively manage the travel and expense process. With flexible payment options, versatile data entry methods, and personalizable user preferences, Oracle Expenses lets you submit, approve, process, and pay expense reports quickly while enforcing transparent, tight controls throughout your expense management process.

Employees can enter and submit expense reports quickly and easily using integrated corporate card transactions along with cash expenses. Pre-populating reports with these transactions makes expense entry faster, increases data accuracy, and reduces opportunities for fraud.

After expense reports are submitted, users can also withdraw submitted expense reports to make corrections and resubmit the correct report for approval. To support the need for entry on behalf of others, authorized delegates can enter expense reports for employees or get approval authority for a specified time or even indefinitely.

To adapt to the emerging ways in which mobile users work, Oracle offers another entry method for expense capture while on the go. Mobile Expenses is a comprehensive solution that supports common features such as photo capture of receipts, voice capture to record expenses, as well as multi-currency and location based on your GPS location. Other innovative features use your contacts and calendar on your smartphone to select attendees for a meal or other expense while capturing the receipt on the spot. No more paper receipts to track; no more sticky notes to remind you when you've paid in cash. It's all in your smartphone so you can easily sync with Oracle Expenses for expense reporting.



By automating entry, expense reports will be submitted more frequently, and your organization can receive earned corporate rebates. Itemizing hotel bills and taxes gives your organization the granular data needed for detailed spend analysis.

**ORACLE® Fusion Applications**

Home Navigator Recent Items Favorites Watchlist Tag Spaces Accessibility Personalization Administration Help Sign Out FINUSER2

**Expenses**

Tasks • Create Expense Items in Spreadsheet

Search Expense Reports Advanced

Edit Expense Report: EXM:08662890

Report Information

Person: Brown, Ted  
Reimbursement Currency: USD - US Dollar  
Report Total: 1,089.00  
Report Status: Saved

Purpose: Trip to Portland, OR  
Approver List: None  
Attachments: None

Corporate Policies  
I have read and accept the corporate travel and expense policies.

Expense Items

Expense Type	Date	Expense Class	Source	Description	Reimbursable Amount (USD)
Car Rental	2/21/12	Business	Cash	Avis Car Rental - Portland, OR	93.00
Entertainment	2/21/12	Business	Cash	Renee Fleming - Oregon Symphony Arlene Schnitzer Concert Hall	60.00
Fuel	2/21/12	Business	Cash	Refill car rental before return	60.00
Lodging	2/21/12	Business	Cash	Marriott Hotel - Portland, OR	770.00
Telephone	2/21/12	Business	Cash	Marriott Hotel - Conf Calls with Clients	20.00
Internet Charg	2/21/12	Business	Cash	Marriott Hotel - Internet charges	50.00
Room	2/21/12	Business	Cash	Marriott Hotel - Room charges	700.00
Entertainment	2/11/12	Business	Cash		66.00

Rows Selected: 1 | Columns Hidden: 5 | Amount Due to You: 1,089.00 USD

Oracle Expenses integrates directly with Oracle Automated Invoice Processing for digital receipt management for expense reporting. These digital receipts can also be stored centrally for easy retrieval and review by managers and auditors.

Not only can employees submit digital images for faster reimbursement, it also gives your organization the flexibility to use a single digital solution across multiple business functions.

## **Purchasing Cloud**

Oracle Purchasing enables you to automate purchasing transactions and provides a robust work area for buying professionals to manage exceptions. You can execute routine transactions without manual intervention, increase productivity, and enforce compliance at every step. You can leverage supplier and agreement controls to automate purchase order creation from requisitions and communicate purchase orders to suppliers. This allows you to spend less time processing paper and spend more time discovering and exploiting new savings opportunities.

Oracle Purchasing also enables you to protect business interests by enforcing negotiated pricing and workflow approvals. It generates purchase orders that automatically use negotiated pricing and terms from supplier agreements. And embedded order and agreement approval rules close compliance gaps while simplifying exception management. So, you can be confident that you are maximizing efficiency and getting the right price without compliance gaps.

Procurement departments do not operate in isolation. By definition they operate as part of a business and supplier ecosystem that is subject to constant change. That is why Oracle Purchasing provides a broad set of capabilities to help you adapt to change. First, it sets the foundation for well-controlled change management by letting you define the scope and scale of acceptable change requests. This helps you to reduce off-line communication with requestors and suppliers while cutting the chances of change requests falling through the cracks. Second, Oracle Purchasing allows you to differentiate between minor administrative changes and those major revisions that should be communicated to a supplier. This helps you to eliminate supplier confusion and the risk of duplicate orders. Finally, Oracle Purchasing maintains a comprehensive document history that gives you full visibility of what changes were made, when they occurred, and who made the changes.

The screenshot shows the Oracle Fusion Applications Purchasing module. The left sidebar contains navigation links for Home, Navigator, Recent Items, Favorites, Tags, Watchlist, Group Spaces, and a search bar. The main area is divided into several sections:

- Requisitions:** A table showing requisitions with columns: Requisitioning BU, Requisition, Line, Line Description, Amount, Currency, Delivery Location, and Need-by Date.
- Orders:** A table showing orders with columns: Sold-to BU, Order, Description, Supplier, Ordered, Currency, Draft Status, and Days in Draft.
- Agreements:** A table showing agreements with columns: Procurement BU, Agreement, Description, Supplier, Agreement Amount, Currency, Draft Status, and Days in Draft.
- Deliverables:** A section for searching requisitions with a search bar and advanced filters.
- Recent Documents:** A list of recent purchase orders and agreements.
- Reporting Pane:** Three charts on the right side:
  - Processed Transactions Count:** Bar chart showing New Orders and Change Orders from June 5 to July 7, 2011.
  - Processed Orders:** Bar chart showing Amount USD for June 5, 2011, and July 7, 2011.
  - Requisition Line Volume Count:** Line graph showing Precessed and New requisition line volume from June 1 to July 7, 2011.

## Key Features:

- Support for centralized, decentralized, and hybrid procurement organizations.
- Buyer work area.
- Center-driven procurement.
- Multi-currency, multi-language support.
- Global agreements.
- Streamlined order processing and changed management.
- Control approvals by amount, business unit, account segment, item, category, and location.

## Key Benefits:

- Streamline procurement processes.
- Enforce procurement policies.
- Improve supply base management.
- Manage exceptions.
- Improve visibility.

## Self-Service Procurement

An integral part of Oracle's Procurement suite, Oracle Self-Service Procurement provides a user-friendly approach to managing employee requests goods and services. Oracle Self-Service Procurement provides the best capabilities of an e-commerce web site with the tools to control spend. This increases the level of satisfaction for your employees, reduces your support cost, and ensures the highest level of compliance.

**ORACLE® Fusion Applications**

Home Navigator < Recent Items < Favorites < Tags Watchlist < Group Spaces

Search All

Purchase Requisitions

Compare Items

Actions + View + Format + Freeze Detach Wrap

Requisition: 20011245

You added 1 line to the requisition.

Recently added lines  
10" Netbook 1.66Mhz, ... 349.00 USD

Total 349.00 USD

Edit and Submit

Item Attribute	Color Photo Printer	Color Inkjet Printer
Price: 149 USD	Price: 129 USD	
Quantity: 1 Each	Quantity: 1 Each	
<a href="#">Add to Requisition</a>		
Category Name	Inkjet Printer	
Supplier	Building Management Inc.	
Supplier Item	CMC04404 Inkjet	
Manufacturer		
Manufacturer Part Number		
Long Description	The Color Photo Printer creates stunning professional quality photos without a PC. Print 4" x 6" photos in as fast as 36 seconds with the built-in paper tray, or use it as a standard printer for terrific laser-quality text.	
Price Breaks	No	
Item Popularity Rank (Last 90 Days)	3 out of 17 in category Inkjet Printer	
The Color Inkjet Printer creates stunning professional quality photos without a PC. Print 4" x 6" photos in as fast as 36 seconds with the built-in paper tray, or use it as a standard printer for terrific laser-quality text.		
No		
3 out of 17 in category Inkjet Printer		

Average Requisition to Fulfillment Time (Last 90 Days)

Item	Time
Color Inkjet Printer	~4.5 days
Color Photo Printer	~3.5 days

Days

Quick Links

- Requisition Line Entry
- Shopping Lists
- Smart Forms
- Noncatalog Request

Requisition Preferences

Oracle Self-Service Procurement fully supports punch-out as well as searching across supplier punch-out items locally. A punch-out catalog consists of items that the supplier maintains. The user clicks a link to the external supplier site from Self Service Procurement and adds items from the external site to the user's requisition. The user can then go through the normal checkout and approval processes during a normal requisition to include budget checking and encumbrance reservations. Suppliers are notified of the purchase once a purchase order is created.

Purchase Requisitions

Search Results

Search Catalog

Search: CDW

Link to Punchout Catalog

CDW

Browse Catalog

Search Results: CDW

Xerox WorkCentre 6400XF

WorkCentre 6400, 57 ppm Mono, 32 ppm Color, 2-Sided Print, Copy, Scan And Fax, 3X 500 Sheet Tray, Stand, Finisher, 110V

Category Name: Computer Supplies

Supplier: CDW

Supplier Item: 1753248

Price: 3,344.58 USD

UOM: Ea

[Go to Supplier Site](#)

Add to My Shopping List

Add to Compare

Xerox extended service agreement - 2 years - on-site

Category Name: Computer Supplies

Supplier: CDW

Supplier Item: 2240115

Price: 301.35 USD

UOM: Ea

[Go to Supplier Site](#)

Add to My Shopping List

Add to Compare

TOTAL SATISFACTION SERVICES

Xerox WorkCentre 3220DN

The WorkCentre 3220 is a highly compact device complete with extensive features to increase performance and manage costs. This value-packed and reliable all-in-one print/copy/scan/fax devices has been designed with individuals and small workteams in mind.

Category Name: Computer Supplies

Supplier: CDW

Supplier Item: 2240115

Price: 301.35 USD

UOM: Ea

[Go to Supplier Site](#)

Add to My Shopping List

Add to Compare

Requisition: 203722

Your requisition contains no lines.

Edit and Submit

Quick Links

- Requisition Line Entry
- Shopping Lists
- Smart Forms
- Noncatalog Request

Compare Items

No items selected.

Compare Clear

Oracle Self-Service Procurement Punch-out Catalog

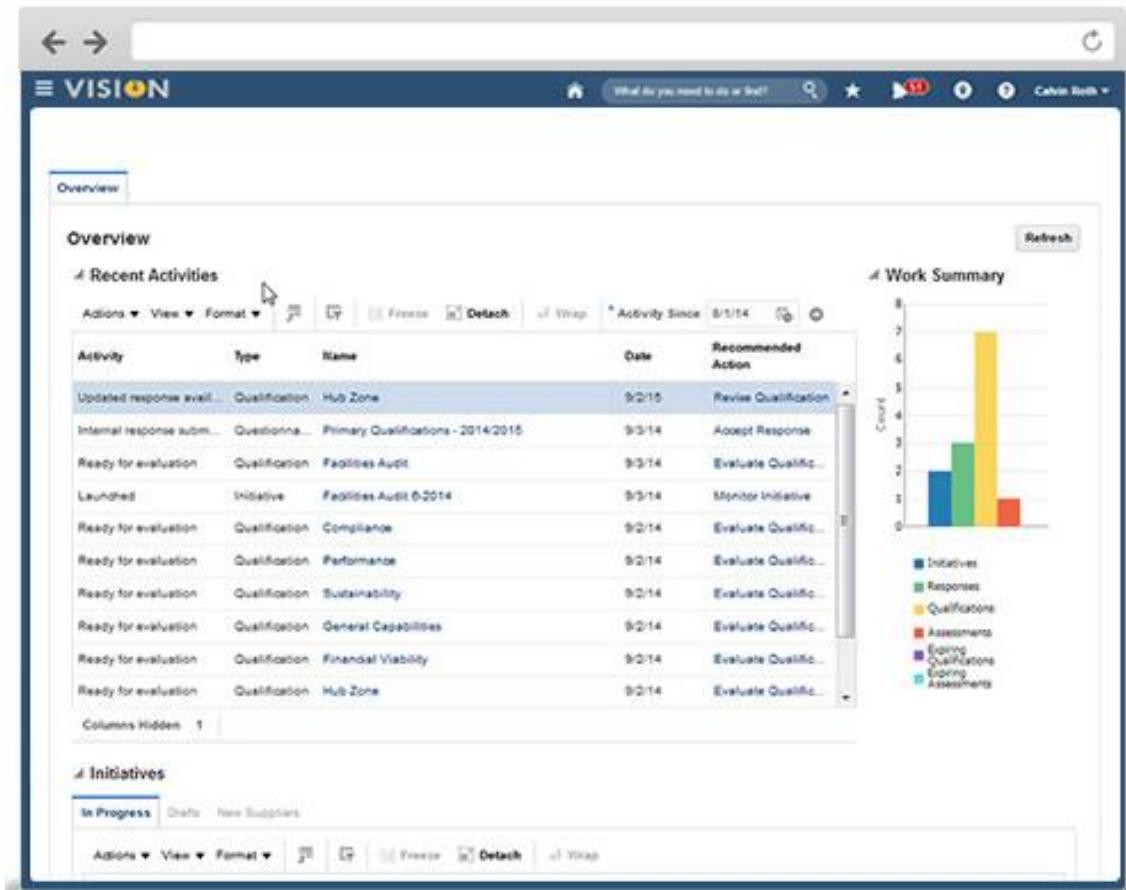
## Key Features:

- Consumer user experience.
- Interactive help and training.
- Best in class catalog management.
- Requester analytics.
- Flexible accounting rules.
- Support for notes and attachments.
- Smart Forms

## Supplier Qualification Management Cloud

Today's modern procurement organizations struggle with gathering and organizing supplier information in a manner that best supports the overall business objectives. In addition to determining a supplier's basic capabilities to deliver goods and services, you are faced with a growing list of often competing objectives such as evaluating financial stability and risk of supply disruptions, monitoring environmental qualifications and green initiatives, and tracking various compliance and regulatory requirements.

Oracle Supplier Qualification Management Cloud, an integral part of the Oracle Procurement Cloud solution, provides a complete solution for managing your suppliers' qualifications and capabilities, including monitoring compliance with your business policies, requirements, and storing any supporting documentation—and it's available on Oracle's leading cloud platform



## Streamline the Collection and Monitoring of Supplier Data

Oracle Supplier Qualification Management Cloud allows you to build questionnaires to gather supplier information that is critical to your business. These on-line surveys can capture information from suppliers directly as well as from internal stakeholders. The questionnaires support conditional questions and question response types such as a multiple-selection list. You can organize related questions into qualification areas and then assign specific outcomes to your suppliers after evaluating the information you receive. These qualifications have an effective period, and as the expiration date approaches, the solution automatically alerts you, so you can initiate timely renewals and re-qualifications.

The screenshot shows the Oracle Supplier Qualification Management Cloud interface. The top navigation bar includes links for Overview, Manage Qualification Models, and Edit Qualification Model: Supplier Assessment Score. The main title is "Edit Qualification Model: Supplier Assessment Score". The model details are as follows:

- Qualification Model: Supplier Assessment Score
- Revision: 2
- Description: General assessment of supplier taking into account financial viability, capabilities, sustainability, governance & compliance.
- Procurement BU: US1 Business Unit
- BU Access: Global
- Owner: Ruth, Calvin
- Status: Active
- Qualification Model Level: Supplier or supplier site
- Expiration Reminder: 12 Months
- Attachments: None

Below this, the "Qualification Areas" section lists six areas:

Display Sequence	Qualification Area	Revision Description	Qualification Area Level	Subject	Standards Organization	Question Branching
10	Financial Viability	0	Financial stability information including size and credit ...	Supplier or supplier site	ISO 9001	Yes
20	General Capabilities	2	Supplier's capabilities, domain knowledge, brand strength ...	Supplier or supplier site	ISO 9001	Yes
30	Sustainability	1	Sustainability and environmental policies and compliance ...	Supplier or supplier site	ISO 9001	Yes
40	Performance	1	Internal ratings re: supplier's performance	Supplier or supplier site	ISO 9001	Yes
50	Compliance	0	Code of Conduct compliance and audit history	Supplier or supplier site	ISO 9001	Yes
60	Hub Zone	0	Hub classification	Supplier or supplier site	ISO 9001	Yes

At the bottom, there are buttons for Actions, View, Format, Create and Add, and Update Latest Revision.

Once you have defined and organized the information you need, you can search for particular suppliers to qualify. For example, you can find suppliers that provide specific goods or services or that claim to meet certain business classification such as minority owned, or hub-zone—and then send them the appropriate questionnaire to gather the required supporting information.

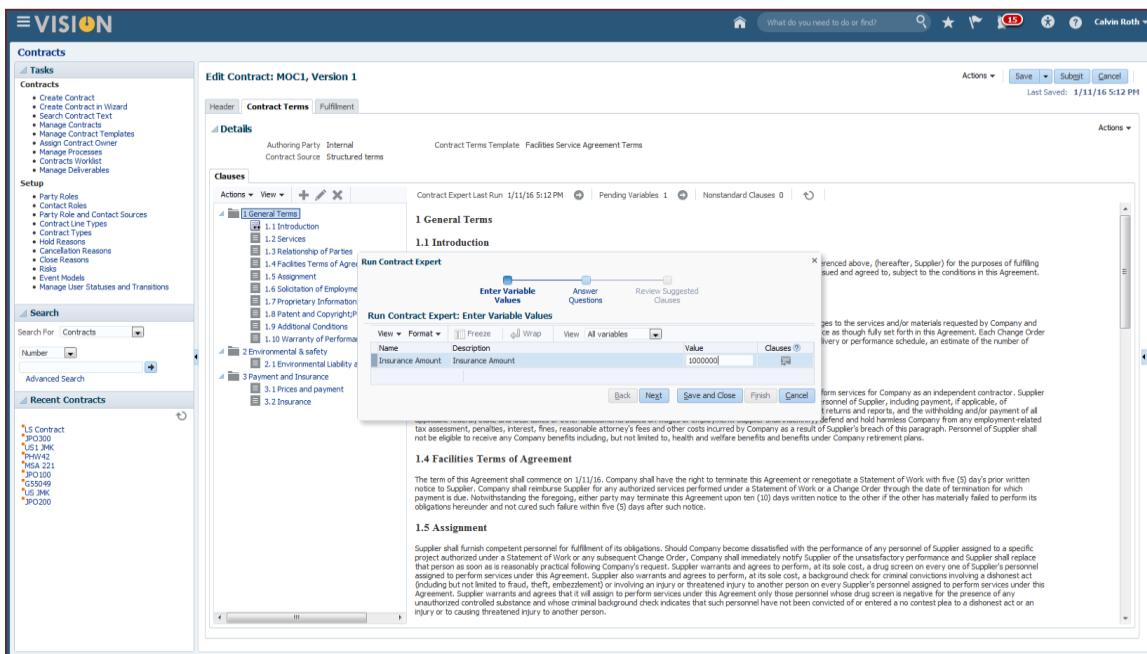
You can assess each supplier as a whole or assign different qualifications to particular supplier sites. After launching an initiative to qualify a group of suppliers or supplier sites, you can monitor its progress over time. As suppliers submit responses, you can either accept or return them to the supplier for clarification or correction. When you have all the information, you can evaluate it to determine the results. The solution allows your evaluation team to collaborate on supplier information using integrated tools from the Oracle Social Network (OSN.)

## Leverage Supplier Qualifications to Improve Sourcing

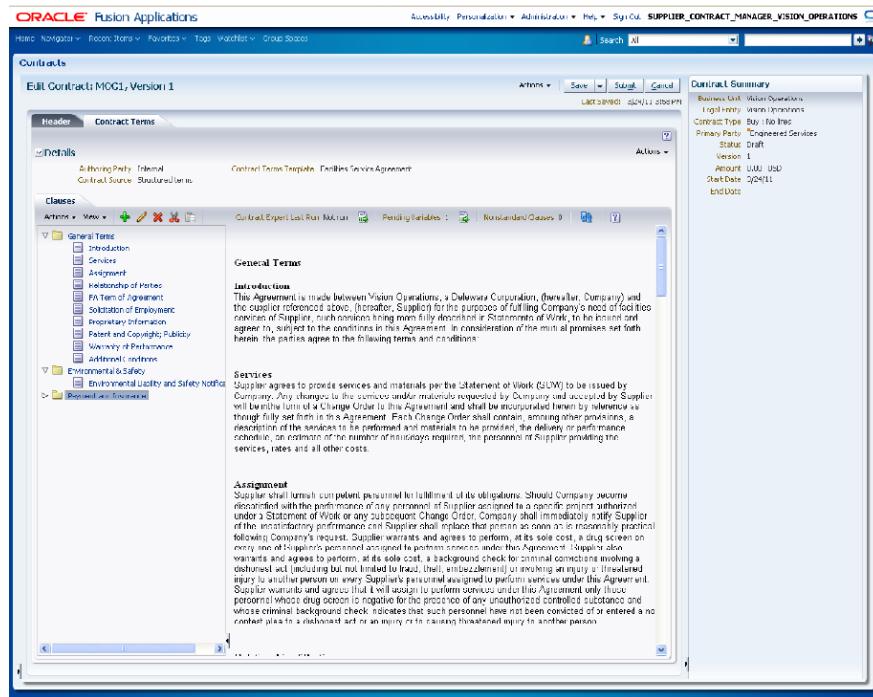
Oracle Supplier Qualification Management Cloud keeps the latest supplier qualification information at your fingertips and helps you determine the status of all assigned qualifications. The solution also tracks the history of supplier responses, so you can monitor changes over time. In addition, when initiating a sourcing event using the Oracle Sourcing Cloud solution, you can utilize supplier qualification information to help you build your supplier invitation list. This ensures you avoid unnecessary risks by selecting the suppliers that meet your business qualifications.

## Procurement Contracts

Oracle Procurement Contracts helps you create quality contracts faster and reduce risk with consistent enterprise standards, policies that govern their use, and flexible tools. You can boost contract quality by ensuring that your contract creators adhere to established contracting policies. You can use flexible approval rules to ensure that every contract gets the right amount of review. Oracle Procurement Contracts expedites the contracting process by automating these rules and policies, enabling your contract authors and legal department to focus energy on higher-value and higher-risk areas while streamlining routine agreements.



Oracle Procurement Contracts allows you to execute best practices consistently across all of your contracting activity by establishing a library of standard contract terms and preapproved templates. Regional administrators can tailor standards for local regulations and translate them to a local language. Templates also provide consistent style and layout. Completed contracts may be output in PDF, hardcopy, or Microsoft Word format for consistent printing or email transmission.



## Key Features:

- Enterprise contract management.
- Guided procurement contract creation.
- Drag and drop contract authoring.
- Deliverable tracking.
- Microsoft Word collaboration.
- Contract deviations management.

## Key Benefits:

- Streamline contract creation.
- Gain visibility into agreements.
- Ensure policy compliance.
- Reduce risk.
- Shorten cycle-times.

## Sourcing Cloud

Oracle Sourcing is an electronic solicitation management application for both buyers and suppliers. It allows the buyers to create, manage, and publish their solicitations so that suppliers can view them electronically and respond online. It supports various types of solicitations including RFI (Request for Information), RFQ (Request for Quote), RFP (Request for Proposal), and ITB (Invitation to Bid). Buyers can create solicitations to include:

- Terms and conditions.
- Suppliers based on commodity codes.
- Requirements, or questions, which can be weighted and scored.

**Negotiations**

- Tasks**
  - Create Negotiation
  - Manage Negotiations
  - Manage Surrogate Responses
  - Delete Negotiations
  - Research Suppliers
- Negotiations**
  - Manage Negotiations
  - Manage Surrogate Responses
  - Delete Negotiations
  - Research Suppliers
- Deliverables**
  - Manage Deliverables
- Setup**
  - Manage Negotiation Templates
  - Manage Attribute Lists
  - Manage Cost Factor Lists
- Search: Negotiations**
  - Negotiation Number
- Advanced**
- Recently Viewed**
  - RFQ: 88043
  - RFQ: 88044
  - Auction: 88027
  - RFQ: 88048
  - Supplier: Dell Inc.
  - RFQ: 88049
  - RFQ: 88047
  - RFQ: 88045
  - RFQ: 88041
  - RFQ: 88042

**Reports and Analytics**

**Negotiations**

Overview Edit Negotiation: RFQ 88032

Cover Page Overview Requirements Lines **Contract Terms** Suppliers Review

Social Messages Actions → Back Neg Save Publish Cancel

Last Saved: 3/30/16 4:18 PM Time Zone: Coordinated Universal Time

**Contract Terms**

Contract Source: Structured terms Contract Terms Template: RFQ Terms Template

**Details**

Contract Source: Structured terms Contract Terms Template: RFQ Terms Template

**Clauses** **Deliverables**

Actions → View → +, -, X, E, F, D, R, L, S, P, M, T, C, U, V, W, X, Y, Z

Contract Expert Last Run: 10/27/15 12:12 AM Pending Variables: 3 Nonstandard Clauses: 0

**1.1 Preparation of Offers**

A. Offerors are expected to examine the drawings, specifications, delivery, schedules and all instructions. Failure to do so will be at the offeror's risk. B. Each offeror shall furnish all information required by the Invitation to Bid (hereinafter referred to as "Offer"). To be eligible for award the offeror must sign the solicitation and print or type their name in the space provided. Offers signed by an agent are to be accompanied by evidence of their authority unless such evidence has been previously furnished. C. Unit prices for each item shall be listed and shall include all packing charges. Unit prices will be used as the basis for awards when an error in the solicitation occurs. D. Offeror must state a definite time for delivery of supplies or completion of performance of service unless otherwise specified in the solicitation. E. Time, if stated as a number of days, will include Saturdays, Sundays and all other holidays.

**1.2 Submission of Offers**

A. Offers and modifications thereof shall be enclosed in sealed envelopes and addressed to the office specified in the solicitation. The offeror shall show the hour and date specified in the solicitation for receipt, the solicitation number, and the name and address of the offeror on the face of the envelope. Offerors are cautioned that failure to comply may result in non-acceptance of the offer. B. Telegraphic or electronic bid offers will not be considered. Modifications to bid offers already received may be made by telegram provided the actual telegram is received prior to the hour and date specified for the bid opening. C. Samples of items, when required, must be submitted within the time specified and, unless otherwise specified in the solicitation, will be submitted without expense to the County. If not destroyed by testing, samples will be returned at the offeror's request and expense unless otherwise specified. D. Offerors are cautioned to note any requirement for certification of understanding shown in the solicitation. Offerors signing such certificates indicating understanding and agreement to comply with the specifications will be held fully responsible.

**1.3 Explanation to Offerors**

Any explanation desired by an offeror regarding the meaning or interpretation of the solicitation, drawings, specifications, etc., must be requested in writing and with sufficient time allowed for a reply to reach offerors before the submission of their offers. Oral explanations or instructions given before the award of the contract will not be binding. Any information given to a prospective offeror concerning a solicitation will be furnished to all prospective offerors as an amendment to the solicitation, if such information is necessary to offerors in submitting offers on the solicitation or if the lack of such information would be prejudicial to uninformed offerors.

**1.4 Acknowledgement of Amendments to Solicitations**

Receipt of an amendment to a solicitation by an offeror must be acknowledged: A. by signing and returning the amendment, or B. by letter or telegram. Such acknowledgement must be received prior to the hour and date specified for receipt of offers.

**1.5 Bid Deposit**

When specifically required by the solicitation, a bid deposit in the form of a surety bond, postal money order, cash, cashier's check, or certified check shall be furnished by the offeror to the County. The bid deposit of all unsuccessful offerors shall be retained after the contract is awarded.

**1.6 Failure to Submit Offer**

If the recipient of this solicitation does not submit an offer for the goods or services requested, they shall return it and/or a written notice stating whether they wish to continue to receive future solicitations for the type of supplies or services specified. Failure to do so may result in removal of the recipient's name from the bidders mailing list.

**1.7 Modification or Withdrawal of Offers**

Offers may be modified or withdrawn by mail or telegraphic notice received prior to the exact hour and date specified for receipt of offers. An offer also may be withdrawn in person by an offeror or authorized representative provided their identity is made known to the County and the offeror or authorized representative provides a written notice of withdrawal.

## Oracle Sourcing Examples

### Key Features:

- Negotiation planning with sourcing calendar, recent activities, and recommended actions.
- Guided negotiation creation with reusable negotiation styles and templates.
- Online supplier negotiations.
- Collaboration with key stakeholders.
- Consolidated view of sourcing activities for buyers and suppliers.
- Spreadsheet support for supplier responses and award analysis.

- Award analysis.

## Key Benefits:

- Increase value from sourcing.
- Enhance negotiation strategies and improve results.
- Streamline supplier negotiations.
- Drive competitive behavior from suppliers.
- Minimize training and ongoing support.

## Supplier Portal Cloud

An integral part of Oracle Procurement, Oracle Supplier Portal improves the way you interact and collaborate with suppliers. This dynamic, secure solution provides superior supplier and performance management. Oracle Supplier Portal is the next generation application for enabling smarter supplier interactions. It is a browser-based, supplier self-service solution that brings a holistic approach to supplier management by removing communication barriers between you and your suppliers.

The screenshot displays the Oracle Supplier Portal interface within the Oracle Fusion Applications environment. The main window is divided into several panels:

- Left Sidebar (Supplier Portal):** A navigation tree with sections like Tasks, Orders (Manage Orders, Manage Schedules), Agreements (Manage Agreements), Shipments (Manage Shipments, Create ASN, Create ASN, View ASN, View Receipts, View Returns), Deliverables (Manage Deliverables), Invoices and Payments (Create Invoice, Create Invoice without PO), and Search.
- Overview Panel:** Shows a grid of transactions with columns: Title, Number, Priority, Assignees, State, Created, and Expires. Examples include "Document (Purchase Order) 1001138 Change Submitted by Andrews, Mr. 201260" and "Award Decision for Negotiation 35273 (PRCBAT\_NEGWARDED)".
- Watchlist Panel:** Displays a list of items categorized under Agreements, Negotiations, Orders, and Responses. For example, under Agreements, it shows "Changed or canceled in the last 7 days", "Expiring", "Opened in the last 7 days", "Pending acknowledgment", and "Pending authoring".
- Supplier Performance Reports Panel:** Shows rolling 90-day statistics for various reports. The table includes:
 

Report	Rolling 90 Days	Change
PO Purchase Amount	\$9,374,235	0.0%
Receipt Date Exceptions	\$26,280	0.0%
Returns	\$25	0.0%
Invoice Amount	\$102,111	0.0%
Invoice Price Variance Amount	\$0	0.0%

With Oracle Supplier Portal, your suppliers gain access to a secure, integrated work area that provides full visibility to transactions, offers closed loop collaboration, and enables electronic invoicing. Instead of struggling with disparate systems, faxes, emails, or voice messages, suppliers can access a secure work area that provides a complete summary of all transactions that require attention. With just a few clicks, suppliers get the most current status of negotiations, agreements, purchase orders, advance shipment notifications, and invoices. By providing instant access to the most current information a, you can enable them to better serve your business.

Suppliers can be quickly on-boarded through a simple online registration process. And once they are active, suppliers can easily manage their contact information to ensure that you have up to date and

accurate information. Suppliers can also manage their business classifications during registration. This gives you easy access to supplier diversity information which is critical to compliance and reporting.

**Supplier Registration**

**Register Supplier: Company Details**

Enter a value for at least one of these fields: D-U-N-S Number, Taxpayer ID, or Tax Registration Number.

* Company: Carnival Celebrations INC	D-U-N-S Number
* Tax Organization Type: Corporation	Tax Country
Supplier Type:	Taxpayer ID
Corporate Web Site:	Tax Registration Number
Attachments: None	Note to Approver

**Your Contact Information**

Enter the contact information for communications regarding this registration.

* First Name: Bobby
* Last Name: Boucher
* E-Mail: bb@ccinc.com
* Confirm E-Mail: bb@ccinc.com

### **Oracle Registration Process**

#### **Key Features:**

- Web based supplier self-service.
- Consolidated supplier work area.
- Supplier agreement collaboration.
- Supplier change order management.
- Electronic invoice presentment.
- Embedded learning.
- Information driven user experience.

#### **Key Benefits:**

- Improve communications with suppliers.
- Deliver best in class supplier collaboration.
- Easy supplier setup and support.
- Reduce errors and inquiries.
- Faster issue resolution.

#### **Project Portfolio Management Cloud**

Oracle Project Portfolio Management Cloud is a complete and integrated solution which dramatically improves the way project-driven organizations work, enabling efficient and effective project management, while ensuring smarter business decisions based on a single source of project truth. Project professionals benefit from its ground-up design to keep pace, keep score, and deliver extraordinary business and project insight. Mobile and embedded social capabilities ensure consistent communication in a secure, collaborative, team-based environment, for project delivery success.

Oracle Project Portfolio Management Cloud offers an integrated project management suite that is designed to automate, streamline, and control project management processes end-to-end without expensive hardware and system management overhead costs.

The Oracle Cloud offers self-service business applications delivered on an integrated development and deployment platform with tools to rapidly extend and create new services. The Oracle Cloud is ideal for customers seeking subscription-based access to leading Oracle applications, middleware and database services, all hosted, and expertly managed by Oracle. The application services are designed for ease-of-use, enabling business users to manage the solution directly with no IT involvement

## **Project Financials Cloud**

Project Financial Management applications in the Oracle Project Portfolio Management Cloud Service enable you to plan, organize, and manage activities, resources, cost, billing, and revenue to bring about the successful completion of specific project goals and objectives.

The following table describes the Project Financial Management applications available on cloud.

<b>Application</b>	<b>Description</b>
<b>Project Foundation</b>	Includes common components that are shared across Oracle Project Portfolio Management. Includes the basic project plan structure and components such as resource breakdown structures, rate schedules, pricing, burdening, and cross-charge processing.
<b>Project Control</b>	Provides full-function project planning, progress management, as well as budgeting and forecasting.
<b>Project Costing</b>	Captures and processes commitments and costs from Oracle Applications and third-party applications.
<b>Project Billing</b>	Accelerates invoice processing while reducing billing errors through a functionally rich work area offering visibility into formatted invoices with estimated taxes. Embedded analytics for contract revenue, invoice, profitability, and margin give insight into potential contract and payment problems.
<b>Project Performance Reporting</b>	Helps project-driven organizations keep pace through project performance insight. It allows project stakeholders to receive answers to critical business questions and take action in real-time, utilizing a multidimensional model to deliver the right information at the right time.

## **Project Contract Billing**

Oracle Project Billing and Oracle Project Contracts deliver a highly flexible approach to project contract-based billing, segregating the planning and execution of project work with a comprehensive, integrated solution providing full control over contract terms, rates and limits including when and how to recognize revenue and generate invoices.

## **Bill Customers Faster and Recognize Revenue Sooner**

Too often project managers find that the definition and execution of their project is constrained by inflexible billing systems that place rigid constraints on the allocation of project funding. Oracle Project

Billing and Contracts provide an innovative solution to comply with customer contract terms, conditions and billing requirements, allowing faster customer billing and rapid project revenue recognition.

By establishing the customer contract billing structure independently of project planning and execution, costs and revenue can be managed through the project while enforcing contractual compliance for billing purposes. By associating any project or task to any contract or line, customer billing terms and conditions can be managed in the contract, giving the freedom to plan and execute project work independently using preferred project management processes, while still using project costs and progress as input into the billing process.

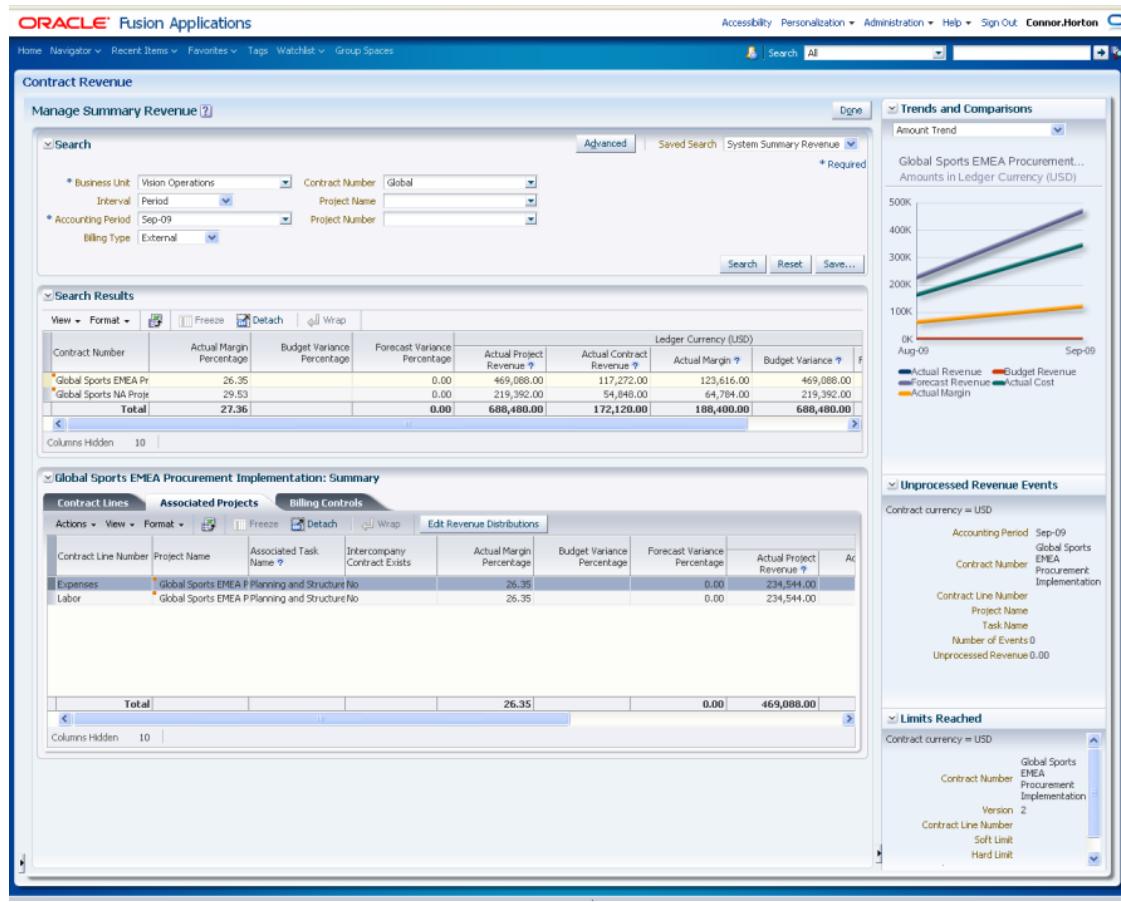
### **Ensure Compliance for Project Contracts**

Billing controls enforced by the contract ensure that billing is maximized but within the terms and conditions agreed with the customer. Contract templates simplify and accelerate the creation of customer contracts. Contract administrators can establish hard and soft limits at contract and contract line levels to control what and how much is billed to a customer. Contract limits and consumption status are highlighted for the project billing specialists and accountants as customer invoices are created and revenue is generated.

Revenue can be recognized or invoices created regardless of whether or not project costs have been accounted. Any part of an active customer contract can be amended with a date when the changes become effective, either in the future or retroactively. If a contract amendment is effective on a retroactive basis and affects prior transactions, for example with a billing rate change, transactions are automatically adjusted to reflect the new contract terms.

### **Recognize Project Contract Revenue Accurately**

Revenue recognition compliance is critical to project-centric businesses, and project contract revenue can be recognized as needed in line with financial accounting regulations, independently of how customers are billed.



Project contract revenue is generated automatically for the scope of work according to the contract terms, whether it is external, inter-project, or intercompany revenue.

Real-time business intelligence enables graphical comparison of planned and actual revenue by contract and by project, as well as analysis of revenue trends, allowing project accountants to quickly drill down to the transactions to investigate any discrepancies. At any point in the billing and revenue processes, key information about related contracts and projects are available with a single click, without having to navigate away from the page.

## Grants Management

### Grants Management at Your Fingertips

Oracle Grants Management allows you to have complete visibility into the all aspects of your awards. Quickly visualize the current spending status and drill into funding, budget, commitment, and expenditure details, as well as all related conversations and documents all from any device, anywhere.

Build and access analytics and reports on award and sponsored project related activity using a comprehensive, user-friendly business intelligence platform. Embed analytics within transactional pages, or view as a dashboard on any screen.

## **Don't Compromise Your Project Management**

Oracle Grants Management is built in strategic conjunction with Oracle Project Portfolio Management. This allows for uncompromised management and control of your sponsored and non-sponsored projects.

Awards are defined independently of projects, allowing for all types of sponsor specific information to be captured including; award type and purpose, owning institution and department, keywords, CFDA numbers, terms and conditions, certification requirements, and sponsor or award specific indirect cost rates.

Manage your projects efficiently and effectively utilizing the full breadth of the Oracle Project Portfolio Management Cloud. From defining and capitalizing assets, to scheduling and collaborating on project work, your project management, and accounting needs are available regardless of the source of funding for the project.

## **Complete Grant and Project Portfolio Management**

Oracle Grants Management is delivered as part of the Project Portfolio Management family of solutions, which are fully integrated with other applications. Oracle Applications are completely open, standards-based enterprise applications that can be easily integrated into a service-oriented architecture.

Oracle's solutions work together for comprehensive grant and project financial management, including budgeting, cost management, billing and accounting, so you can reduce processing time, eliminate integration costs and close the books faster, leveraging the power of a single source of grant and project truth.

Additionally, when combined with project execution solutions including Oracle Project Management, Oracle Project Resource Management, and Oracle Task Management, Oracle Project Costing delivers a powerful best-in-class business flow across the full project lifecycle.

Oracle Grants Management dramatically improves the way grant funded organizations and professionals work, for improved productivity and project delivery success.

### **Key Features:**

- Innovative analytics that clearly portray the current spending status of each award.
- Calculate, apply, adjust, account, and invoice indirect costs at institution, department, or award specific rates.
- Prevent overspending by checking budgets at the point of entry.
- Invoice sponsors in their desired format or through a letter of credit.
- Comprehensive reporting platform to track all award funding, expenditures, and other related activity.

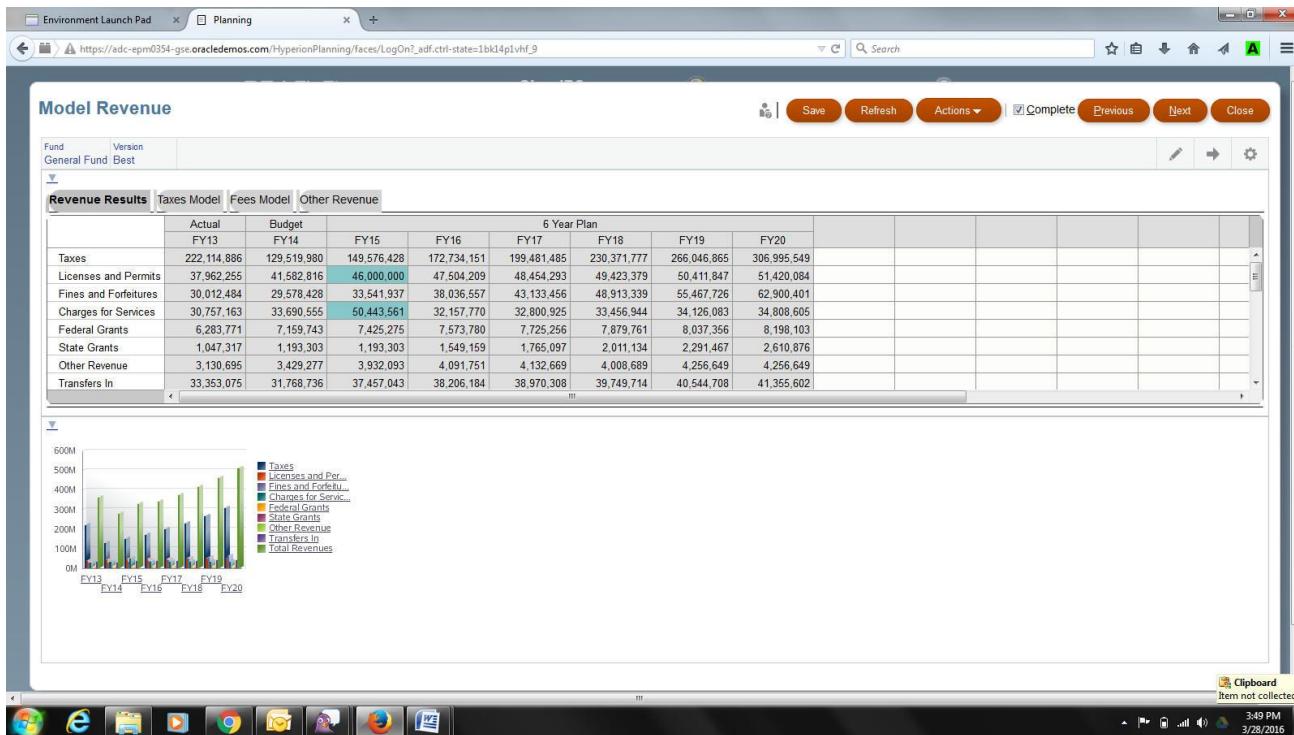
### **Key Benefits:**

- Decrease time staff spends on award administration.
- Faster visibility into award financial status.
- Comply with sponsor and internal control, billing, and reporting requirements.
- Analyze award funding and performance.

## Planning and Budgeting Cloud Service

Oracle Planning and Budgeting Cloud Service (PBCS) is a flexible planning application based on Oracle Hyperion Planning that supports enterprise wide planning, budgeting, and forecasting in a cloud-based deployment model. Oracle Planning and Budgeting Cloud Service provides a rich web- and Microsoft Office-enabled planning and modeling framework that supports driver based planning to help connect operational assumptions to financial outcomes. It supports a hierarchical planning process that encompasses both corporate finance and the lines of business within an enterprise.

Oracle's PBCS provides an advanced calculation component that equips users with approximately 250 pre-defined formulas that are commonly used to automate budgeting, planning, and forecasting. This includes standard calculation methodology for building logic and business rules for "units x rates," allocation methodology, and "increase/decrease" functionality. Hyperion Planning can be used to create unlimited calculations for predicting forecast results or verifying user input against historical trends or market benchmarks.



**PBCS Advanced Calculation Component**

With Oracle Planning and Budgeting Cloud Service, you can meet your immediate financial planning, budgeting and forecasting needs while enabling a platform for future cross-functional expansion and automated process integration.

### **Key Features:**

- Multi-dimensional/multi user planning with a powerful business rules engine.
- Flexible workflow and plan management capabilities.
- Comprehensive Microsoft Office integration.
- Easy to use Web interface.
- Seamless creation of reports and dashboards.

- Proven and scalable architecture.
- Robust integration with ERP systems and other sources.
- Full set of administrative tools for application management.
- Cloud-based deployment model with subscription-based pricing.

### **Key Benefits:**

- Deploy quickly with no internal IT hardware or software requirements.
- Reduce budgeting and planning cycles by weeks or months.
- Improve forecast accuracy.
- Appeal to a wider user community through an intuitive Web user interface.
- Shrink the learning curve for users by leveraging Microsoft Office products as an interface into Oracle Hyperion Planning.
- Eliminate time lag between when plans are updated and reports are refreshed.
- Reduce cost of ownership thought superior application deployment, management tools and packaged data integration.
- Lay the foundation for making the transition to Enterprise Business Planning.

### **Complete Planning, Budgeting and Forecasting Solution in the Cloud**

Oracle Planning and Budgeting Cloud Service removes the barriers to adoption of on-premise applications and makes it much easier for businesses of any size to deploy a world-class planning and budgeting solution in a matter of weeks.

The Oracle Cloud offers self-service business applications delivered on an integrated development and deployment platform with tools to rapidly extend and create new services. The Oracle Cloud is ideal for customers seeking subscription-based access to leading Oracle applications, middleware and database services, all hosted, and expertly managed by Oracle. The application services are designed for ease-of-use, enabling business users to manage the solution directly with no IT involvement.

### **Streamline the Enterprise-wide Planning and Budgeting Process**

Planning and budgeting is a resource and time intensive process in most organizations. It tends to be dominated by manual tasks involving a multitude of spreadsheets being exchanged between cost center managers, line of business finance managers, and corporate finance personnel.

Oracle Planning and Budgeting Cloud Service streamlines the planning process in an enterprise by aligning plans created across the organization. Cost center plans can be linked to line of business plans, which in turn can be linked to the corporate level plan. The impact of changes to key plan assumptions can be evaluated instantaneously, and the revised plan can be made immediately available to all stakeholders without a time lag or risk of manual error.

Oracle Planning and Budgeting Cloud Service leverages the powerful Oracle Essbase calculation and business rules engine that can be used to express a range of business logic from simple arithmetic formulae to complex procedural multidimensional allocation rules.

Oracle Planning and Budgeting Cloud Service has guided task flow and supports both bottom-up and top-down planning processes. It has tools for budget administrators to monitor participants' progress submitting their plans and also has workflow and plan management capabilities that support the plan review and approval process.

## **Improve Forecast Accuracy with Predictive Planning and Rolling Forecasts**

Companies today are faced with a rapidly changing business environment. Demand is very volatile, costs fluctuate, and the supplier landscape is constantly changing. These external factors require that organizations have the right capacity and skill sets within their workforce and the appropriate investments in capital and technology to stay competitive. A key requirement to stay ahead of the competition is to understand this volatility and forecast financial and operational performance accurately.

Oracle Planning and Budgeting Cloud Service provides a sophisticated predictive forecasting capability that projects future performance based on historic information. This feature enables the validation of management forecasts and the creation of alternative scenarios. Oracle Planning and Budgeting Cloud Service provides unlimited scenario analysis for planners to assess the impact of various combinations of business assumptions on key financial outcomes. Oracle Planning and Budgeting Cloud Service also has a rolling forecast wizard which makes it simple to implement a rolling forecast process in which the forecasting time horizon rolls forwards across years with the passage of time.

## **Connect a Wide User Community with an Intuitive Web Interface**

Oracle Planning and Budgeting Cloud Service enables business users to easily view plans and reports on the web and does not require them to have specialized computer skills. It provides a useful menu of tools to manipulate and adjust the plan through changing related data such as drivers or driver types, or through performing allocations and spreads across multiple cells within a data grid. It also guides less-frequent users step by step through the planning process using a wizard-based Task List. This reduces cycle times while ensuring that plans are complete and reliable. For more sophisticated users Oracle Planning and Budgeting Cloud Service provides powerful ad hoc analysis capabilities to facilitate quick root cause analysis.

## **Leverage Existing User Competencies with Microsoft Office Integration**

Oracle Planning and Budgeting Cloud Service offers comprehensive integration with Microsoft Office tools such as Microsoft Outlook, Excel, Word, and PowerPoint. Users can access planning tasks and due dates within Microsoft Outlook Task List and Calendar as well as within Microsoft Excel. Users can also view planning data forms from within Microsoft Excel with the same functionality as the web based interface.

For example, they have access to the same set of menu items and toolbars on the Web and in Microsoft Excel. They can also perform drill-ups and drill-downs on rows and columns in an identical manner in both interfaces. Both interfaces also support ad hoc analysis of data where rows, column and page dimensions can be pivoted differently to create different views of the same data. Common planning actions, such as spreading and allocation, are available as context sensitive right click menus on planning data forms rendered within Microsoft Excel. Oracle Planning and Budgeting Cloud Service lets users take plans offline, and at their own convenience, change assumptions, perform calculations, analyze results, and then connect back to the central database to synchronize updates.

Additionally, users can directly integrate data from Oracle Planning and Budgeting Cloud Service into Microsoft PowerPoint and Microsoft Word. This allows the creation of highly customized documents and presentations with accurate information, and users can automatically refresh the report when the underlying data changes. The end result: reduced manual intervention, improved data integrity, and increased reporting accuracy.

## **Integrate Planning and Management Reporting Seamlessly**

Reports and dashboards that display plan and actual data can be created in minutes and any change made to the plans in Oracle Planning and Budgeting Cloud Service are instantaneously reflected in the content of the reports and dashboards. Using the web interface users can access user-friendly dashboards, interactive analytics, and richly formatted financial reports while interacting with the planning system.

## **Ease Collaboration and Maintain Control with Powerful Plan Management and Workflow**

Oracle Planning and Budgeting Cloud Service's powerful plan management and workflow functionality, including email notifications, alerts, and task lists, empowers users to track and communicate the progress of plans and budgets. Ownership of plans can be designated based on a specified intersection of key plan dimensions. Approval paths can be specified for each slice of the plan. When a planner "promotes" a plan for approval the system can automatically identify the next approver. Plan promotion paths can be made conditional on meeting certain criteria.

All of the above processes can also be performed in conjunction with what-if analysis and scenario testing that allows users to compare and contrast multiple scenarios prior to promoting the selected scenario for approval up the management chain.

## **Integration Capabilities**

Oracle Planning and Budgeting Cloud Service includes integration capabilities that enable data load from legacy or third-party applications to Oracle Planning and Budgeting Cloud Service on Oracle Cloud, allowing you to import high volumes of data. Oracle Planning and Budgeting Cloud Service can also be integrated with Oracle Financials Cloud Service to enforce closed-loop processes for planning, budgeting, transacting, and measuring results.

## **Budgetary Control and Encumbrance Accounting**

Oracle Budgetary Control and Encumbrance Accounting is a complete and integrated solution with advanced budget preparation, proactive control and monitoring of budget consumption, and robust inquiry and reporting. It enables public sector, higher education, and commercial organizations to define and manage budgets and spending with better visibility into commitments, obligations, and expenditures and comply with legal reporting requirements.

### **Key Features:**

- Real-time spending control for procure-to-pay transactions.
- Control for accounts, projects, and resource costs.
- Spending limit overrides.
- Automatic creation and liquidation of encumbrance journals.
- Budget consumption monitor.
- Robust reporting and analysis.

## **Key Benefits:**

- Proactively control and monitor spending.
- Increase worker productivity.
- Reduce transaction processing costs and data entry errors.
- Drive real-time insight into decision-making.
- Comply with legal transaction control and accounting standards.

## **Increase Productivity and Efficiency**

Oracle supports multiple productivity tools that help capture transactions with greater efficiency and lower costs for resource-intensive tasks without compromising controls.

- **Role-based Dashboards Deliver Work to You:** Role-based dashboards that deliver information from multiple work areas, worklists, and watch lists serve as centralized cockpits to manage key accounting activities. They proactively monitor processes, raise exceptions that occur during processing, and push work to users. Instead of running multiple queries or identifying tasks, users simply need to log into their dashboards and work areas to see what they need to do that day. These are found throughout the suite, including Oracle Purchasing, Payables, General Ledger, and Budgetary Control.
- **Spreadsheet Integration for High Volume Data:** Oracle delivers extensive spreadsheet integration across multiple functions, allowing users to work in a familiar environment. Spreadsheets are seamlessly integrated for high volume data entry and reporting. All reports and transactional tables can be exported to Excel for further analysis and easier viewing of large amounts of data.
- **Seamless Collaboration Enables Real-Time Communication:** Oracle Social Network provides contextual, real-time communication within and across enterprises. With Oracle Social Network, you and your teams have the tools you need to collaborate quickly and efficiently, while leveraging the organization's collective expertise to make informed decisions and drive business forward. Questions, research, or disputes around transactions such as purchase orders, invoices, or journals can be addressed using Oracle Social Network conversations with the ability to load supporting documents to the conversations. The conversations are secure, auditable, searchable, and embedded in for a seamless user experience.

## **Enterprise Performance Reporting Cloud Service**

Oracle Enterprise Performance Reporting Cloud is a purpose-built solution in the Cloud for management and narrative reporting. It provides a secure, collaborative, process-driven approach for defining, authoring, reviewing and publishing financial and management report packages for internal and external stakeholders.

## **Combine Data and Narrative in a Streamlined Process**

Oracle Enterprise Performance Reporting Cloud Service streamlines the narrative reporting process by providing a flexible, intuitive method for creating a secured and auditable report package. Whether you are using your existing documents, a previous report package, or letting the system automatically create doclets for users, you can quickly create a report package in mere minutes and with minimal information. The system walks you through the setup to enable the phases you need for your report package. You set the due dates, add doclets, assign users to their roles (Owner, Author, Approver, Reviewer, and Viewer), and you are ready. The Report Center is the single interface for the report

package owner to define, manage, monitor, and interact with the content. You can also preview content and perform reviews directly in the Report Center interface. Assigned users also work with the report center and see only the content applicable to the role they have been assigned.

Mgmt Report Q3FY14		Report Center		Actions	
in Progress		Not Started		Completed	
 Author	Nov 17, 2014	 Reviewer	Nov 21, 2014	 Approver	Nov 21, 2014
10%	<div style="width: 10%;"><div style="width: 100%;"> </div></div>	Not Started	Not Started	Not Started	Not Started
Name	Responsibility	Author	Approver 1	Approver 2	Approver 3
 Matters - Banking and debts	-	 Author	 Approver 1	 Approver 2	 Approver 3

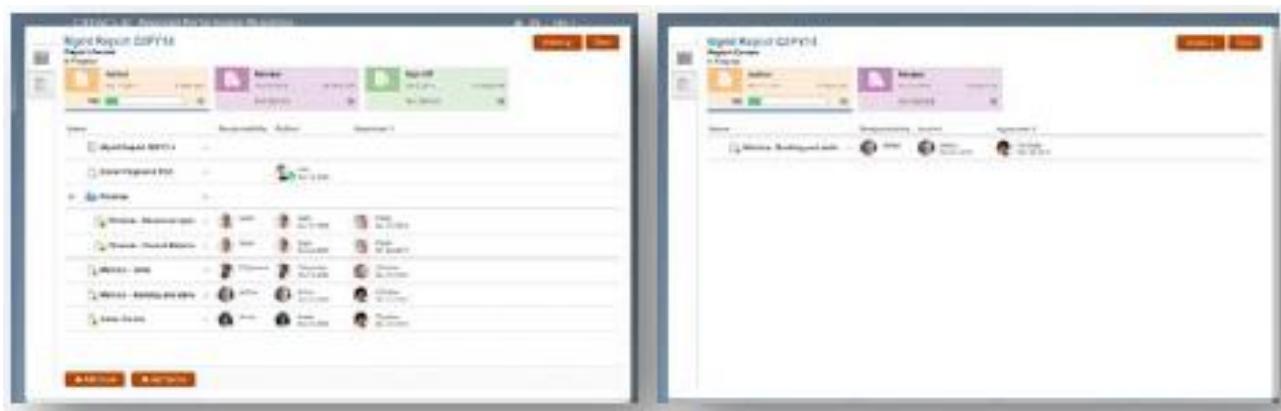
Authoring can be done by downloading the doclet from the web interface or by using Oracle SmartView directly in Microsoft Word. The system supports checkout (to lock content from other users), upload (to store a working copy visible to the author), check in, and submit.

## **Confidently Report and Leverage Powerful Analysis Capabilities**

Enterprise Performance Reporting Cloud Service uses Oracle SmartView for an integrated analysis and performance reporting experience. SmartView enables you to perform dimensional analysis against on-premises and Cloud-based EPM and BI sources. You can use formatted grid, chart, and image content. In the Microsoft Office environment, a closed loop analysis and narrative authoring capability includes an easy refresh of data. Authors can integrate EPM and BI data and reporting content directly into the doclet, and participants can access doclets. Users can move from the narrative report into the data in context to perform their own analysis using SmartView's Visualize in Excel feature.

## **Human Capital Management Base Cloud Service**

Oracle Human Capital Management goes beyond traditional HR tasks with strategies that balance people, processes, and technology to improve workforce efficiency, effectiveness, and productivity. Built from the ground-up, HCM is developed for the Cloud or On-Premise, on the device of choice, to provide a simple user interface to deliver relevant and secure information to do their job. Global processes, interactive organizational charts, collaborative tools, predictive analytics, and productive self-service are natively delivered out-of-the-box to enable a rapid deployment of critical HR functionality.

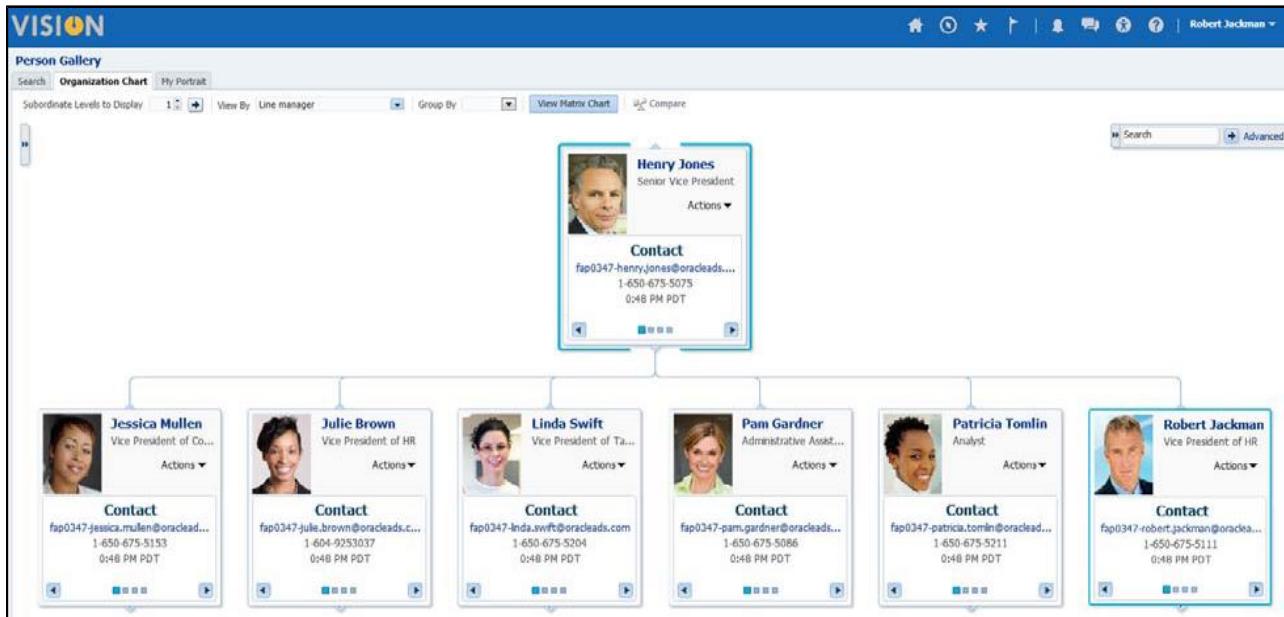


### **Key Features:**

- Support for multiple work relationships that employees or contingent workers may have with multiple legal employers, multiple assignments, or individual contract agreements.
- Simple, modern, productive, and intelligent self-service.
- Basic position management.
- Prediction of performance and attrition at all levels of the organization.

Oracle Human Capital Management (HCM) provides users with information they want, allows them to take action in context of meaningful business data and understand the predicted impact of those actions. Oracle HCM provides simple, intelligent navigation and allows simple completion of complex workforce processes that are easily configured to manage everything from multi-thousand-person global organizations to small businesses.

Oracle HCM delivers seamless management of employees, contingent workers, and other persons across the enterprise that may have simple or complex work relationships with the organization.



Human Capital Management Base Cloud Service also includes:

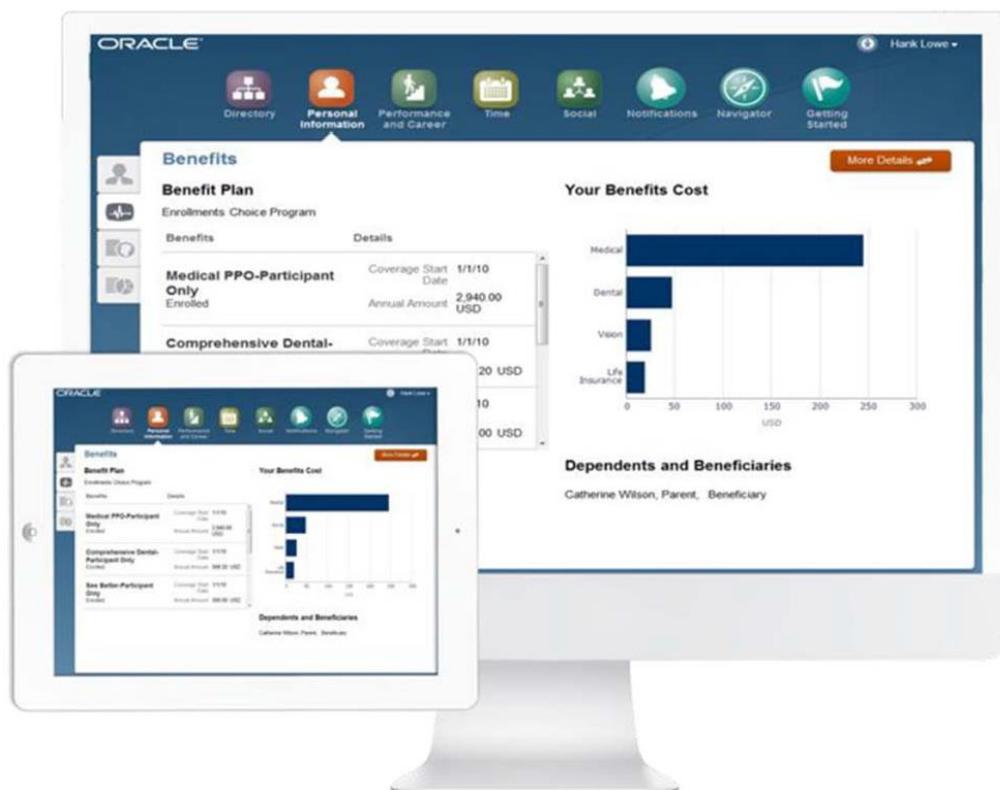
- **Oracle Network at Work** provides an industry leading collaborative framework that allows workers to build their own internal social network and connect with other domain experts and colleagues with similar interests. This helps employees in getting public recognition by advertising their skillsets and experience to build a positive image and seek better opportunities, and it also allows managers to better understand their workforce and source skills to the right jobs.
- **Oracle Workforce Directory Management's** graphical organizational chart provides an integrated view of all information related to an employee with an extremely user-friendly interface. A powerful keyword search provides access to a 360-degree view of the employee and provides both personal (name, address, contact details etc.) and professional details (supervisor, department, role, competency etc.).
- **Oracle Absence Management** is a highly configurable rules-based application that enables organizations to efficiently manage employee absenteeism globally and locally. Implement your policies and rules consistently while you streamline your absence process and administrative framework. Absence Management provides you the ability to reduce effects associated with absenteeism such as cost, risks, and productivity.
- **Oracle Workforce Predictions** uses indicators, current and historical, to predict performance and attrition, determine corrective action through “what if” scenario modeling, and provide the ability to implement that corrective action. For example, a top performer might be predicted to have a high likelihood of attrition or become a poor performer because of too many hours worked while not taking enough vacation time and the last pay increase given was lower than what their peers received.

## Benefits Cloud Service

Oracle Benefits (Benefits) is a global, rules-based benefits application that enables organizations to manage and deliver benefits programs to meet their mission, objectives, and strategic alignment to the organization. Benefits is a completely configurable and flexible global product that enables organizations to successfully continue to evolve and adapt to the unique needs of their workforce and is an integral part of any total compensation package.

Benefits can deliver traditional ‘one-size fits all’ plans all the way to highly complex plans that selectively target different segments of the workforce with different benefit packages. It supports the cafeteria style of choosing benefits along with a ‘flex credits’ model if required. Delivered employee self-service capabilities present the user with an intuitive process that guides them through selection of eligible benefits with helpful contextual information and links to relevant information. With Oracle Benefits Cloud Service, the District can quickly design multiple programs, plans, and options with reuse of common objects, present eligible benefits and individually determine costs for each use, automatically detect and process relevant events in Human Resources, and quickly model programs and plans and use guided flows for consistency. Oracle Benefits Cloud Service also provides a one-stop-shop Service Center than can be leveraged by the Benefits Administrators.

Benefits customers can utilize an out of the box standards-based extract to seamlessly integrate through our industry leading benefits integration with any third-party benefits provider. In addition, customers can leverage the delivered Benefits Extract to integrate with third-party carriers.



## Absence Management Cloud Service

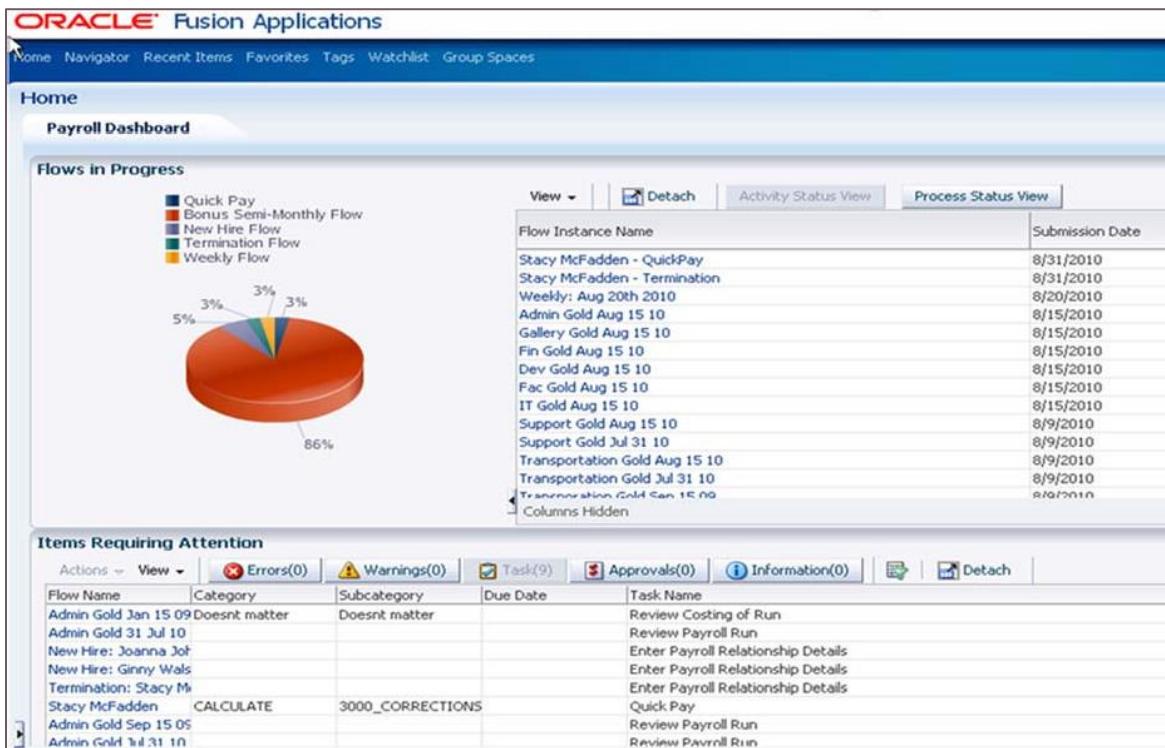
Oracle Absence Management Cloud Service is a highly configurable rules-based application that enables organizations to efficiently manage employee absenteeism. Implement the District's policies and rules consistently while you streamline your absence process and administrative framework. Absence Management provides you the ability to reduce effects associated with absenteeism such as cost, risks, and productivity.

As an integral part of the Oracle HCM Cloud Service solution, Absence Management enables organizations to create basic and complex as well as highly differentiated absence plans while providing simplified and smart absence transactions for employees, managers, and administrators.

## Payroll Cloud Service

Oracle Payroll Cloud Service is a rules-based payroll management system enabling workforce cost controls that ensure the entire workforce is paid on time and according to compensation rules.

Oracle Payroll Cloud Service is fully integrated to provide easy access to financial reconciliations across the enterprise. Configuration wizards and design templates match the way you run payroll, reducing risk and costs. Oracle Payroll Cloud Service provides process flows that appear as checklists allowing users to configure payroll processing steps and assign owners and deadlines. Oracle Payroll Cloud Service also provides a Payroll Dashboard that proactively brings payroll information directly to the user in real-time.



**NOTE:** All sales of Oracle Payroll Cloud Service in the United States include delivery of the required Vertex Tax Calculation Module.

## **Rules-based Payroll Solution**

The District's unique payroll management requirements demand the ability to configure a payroll solution without losing the benefits of a standard, supported, easily upgraded package. Payroll provides a unique, data-driven approach that enables you to define and manage your diverse payroll requirements that reflect your business policies.

## **Dashboard for Strategically Managing Payroll Processes**

The Payroll Dashboard is delivered as a strategic tool for the Payroll Administrator, the Chief Human Resources Officer (CHRO), or even the Chief Finance Officer (CFO). These dashboards are used to proactively monitor the payroll processes that occur at any time utilizing the same tool, tactical enough to drill into any of the processes and take corrective action in the moment.

## **Flexible**

Payroll gives users the flexibility to determine what should be included in your payroll processes rather than forcing a series of steps and reports that may not be meaningful to the organization. For example, as all payrolls are not the same, the bonus payroll process flow differs from the regular payroll process flow and they both differ from the termination payroll flows.

These tasks can also have deadlines, approvals, task owners, dependencies and once complete can set in motion another task to begin and are all configurable by the business user, not IT staff, thus improving productivity and reducing operating costs.

## **Complete Control over Your Processing Rules with FastFormula**

Payroll gives you complete control over your processing rules and calculations, even the most complex ones. FastFormula is a powerful way to model business rules to align with your organization's needs. Payroll administrators can quickly create new FastFormulas, copy and edit existing FastFormulas, and test their results. Since FastFormula definitions are part of standard configuration, calculations are maintained during upgrades.

## **Automated Retroactive Processing**

You can make retroactive adjustments to employees' past earnings, deductions, even costing based on changes to pay rates, benefit elections, cost account changes or other information. RetroPay automatically calculates the difference(s) from the original payment(s) to the proposed payment(s) and records the adjustment for subsequent processing.

Retro Notification will automatically detect these changes and notify you of changes that will affect pay. The payroll administrator can decide which person(s) to accept and process, and which require additional information.

## **Built-in Extensibility**

Applications are built so that a business user can adapt the application to suit their personal or organizational needs. The key to this 'tailorability' lies in the usage of metadata objects and services in the heart of the application architecture. Changes and extensions to the application are stored as new layers over the delivered objects, allowing for flexibility in an 'upgrade-safe' manner.

## **Key Features:**

- Rules-based payroll solution.
- Payroll dashboard.
- Payroll automation with payroll flows/checklists.
- Payroll flows and checklists with embedded analytics.
- FastFormula.
- Retroactive processing.
- Integrated applications.
- Country extensions.
- Payroll Interface.

## **Key Benefits:**

- Reduction in administration, thereby lowering costs.
- Drive efficiency and accuracy.
- Wizards and design templates.
- Payroll dashboards and checklists.
- Decrease compliance risk.
  - Country extensions & statutory compliance.
  - Single global rules engine.
  - Embedded Business Intelligence for simulation and compliance reporting.
- Maintain flexibility and control.
  - International HCM.
  - International payroll interfaces.
  - Multi-national and multi-business unit organizations.
- Business Provider Outsource (BPO) enablement.

## **Time and Labor Cloud Service**

Oracle Time and Labor Cloud Service is a comprehensive, easy to use, rules-based time recording and management system designed to give you maximum visibility and control over your most valuable asset, your people. Fully integrated with Oracle Human Capital Management Cloud Service, Oracle Absence Management Cloud Service, Oracle Payroll Cloud Service, and Oracle Project Costing Cloud Service, Time and Labor supports a wide range of time recording needs. The real-time rules engine and rule templates provide an extensible and easy to configure method for validating time entries and applying pay rules, with the results included on the time card.

The screenshot displays two overlapping windows of the Oracle HCM Time and Labor application. The main window, titled 'Create Time Card:', shows 'Person Information' for KAMMIE PIKE (Assignment Number 1846AS, Position FLEET WORKER, Location Norman Smith Service Center). It also shows 'Time Card Details' for the period 3-Aug-2016 - 16-Aug-2016, with a status of 'New'. The 'Time Entry' section contains three rows of data, each with columns for Assignment Number, Hours Type, Costing, and Start/Stop times. Row 1 has '1846AS' and 'Regular Pay'. Row 2 and Row 3 have dropdown menus. A circled 'xyz' icon is located in the Costing column of Row 1. The second window, also titled 'Create Time Card:', is a modal dialog titled 'Enter Additional Attributes' with fields for Fund, Department Division, Grant, and Project. Both windows have a red border.

Integration with Absence Management means scheduled absences will be shown on the calendar and time card and absences can be reported through both the calendar and the time card. With integration to Payroll, including support for retroactive changes, and recording time against valid up-to-date project information, Time and Labor provides accurate and consistent time related data to the Enterprise.

## Workforce Compensation Cloud Service

Oracle Workforce Compensation (Compensation) delivers the ability to design and deliver pay programs tailored for your organization all in one application, including modeling various scenarios, gathering manager input and final reward communications. The robust configuration and integration capabilities make it the premier solution for rewarding the 21<sup>st</sup> century workforce locally and around the globe. Compensation is built to offer extensive customer-driven configuration options and simplified screen designs offered by Oracle Human Capital Management (HCM).

With Compensation, you can model an unlimited number of plans to create true differentiation and tailor reward designs to your complex and ever-changing requirements. As a result, your organization, from line managers to top executives, will make better-informed pay recommendations.

The screenshot shows the Oracle Team Compensation interface. At the top, there's a navigation bar with icons for My Team, Team Compensation (which is selected), Team Talent, Directory, Personal Information, Performance and Career, Social, Watchlist, and Navigator. The user is logged in as Meg Fitzimmons. Below the navigation bar, the title "Team Compensation" is displayed. A filter section labeled "Filter: Direct Reports" is present. The main content area lists five employees with their details:

Employee	Salary	Currency	Salary Range	Compa-Ratio	Grade	Performance
Janice Hardaway 10030 Software Dev... 5 Directs, 5 Total	106,000	USD	96,000.00-108,000.00	104	M-3	
Klaus Beckenbau... 17230 Product Mgmt... 7 Directs, 27 Total	104,040	USD	96,000.00-108,000.00	102	M-3	
Pramesh Soman 10030 Software Dev... 3 Directs, 21 Total	115,000	USD	108,000.00-120,000.00	101	M4	
Sabrina Howell 45522 Senior Admin...	25.50	USD	20.00-40.00	85	A4	
Satish Tendulkar... 10750 Applications...	98,000	USD	66,000.00-84,000.00	131 Above Range ↗	IC5	Outstanding

Oracle Workforce Compensation key features includes complex compensation calculation definitions, branded end-of-cycle compensation communication letters, manager decision support through notifications and alerts, and built-in compensation analytics.

## Goal Management Cloud Service

As an integral part of Oracle Human Capital Management (HCM), Oracle Goal Management (Goal Management) provides organizations a best-in-class solution to track and manage organizational and individual goals and closely align them with the overall talent management process. Goal Management enables the setting and tracking of goals across the various levels of an organization, supporting an ongoing performance conversation throughout the year. Business leaders communicate high-level initiatives, and managers and employees can collaborate to set goals that align to the organization's direction. Personal development plans are delivered to allow employees to track their personal growth and career development.

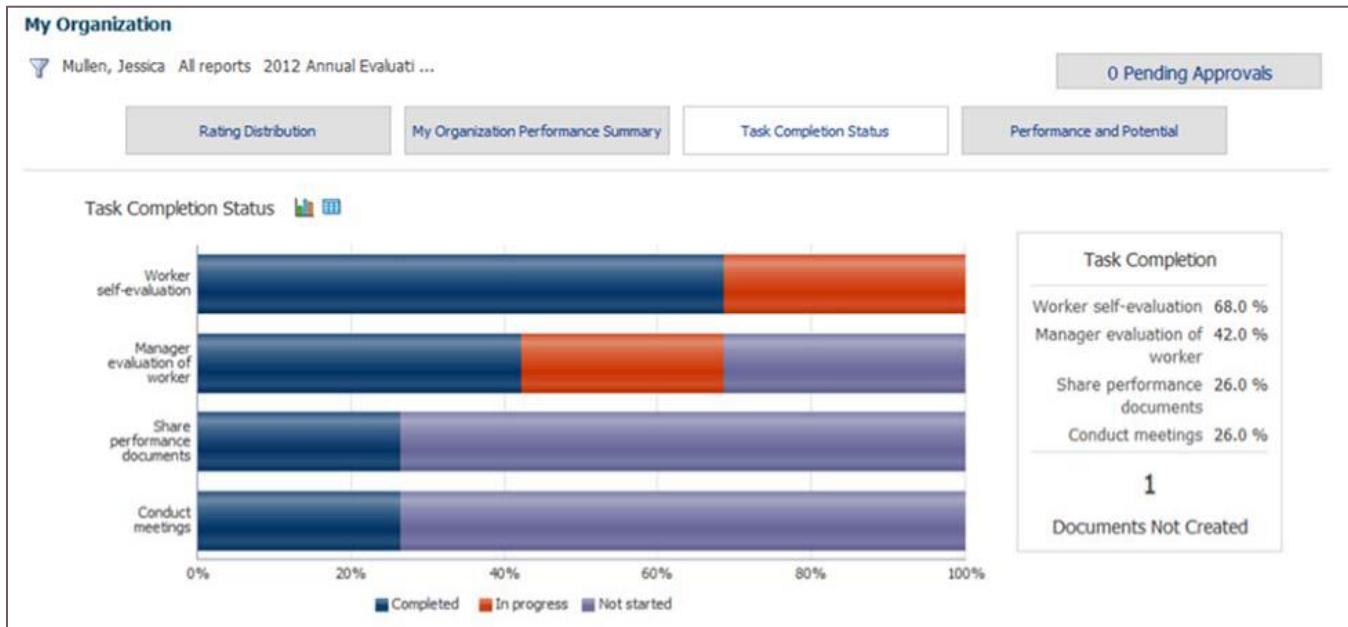
Strategic Goal Management features includes Track goals on an ongoing basis, publish organization goals for strategy visibility, promote collaboration using goal sharing and social network, View goal progress for your team at a glance and Track tasks as milestones for goal achievement.



As a manager, having clear insight into how goals are progressing is important. Goal Management gives managers accurate insight for each direct report with an easy to interpret bar chart showing progress. Managers will quickly know when to provide coaching and guidance, as well as a means to compare and contrast. This enables managers to quickly and easily ascertain team member progress towards goals and access alignment. Managers can also assign new goals to employees or shift goals among the team as needed. This capability is also available for matrix managers.

## Performance Management Cloud Service

An integral part of Oracle Human Capital Management (HCM) solution, Oracle Performance Management (Performance Management) fully automates the performance process and provides executives, managers, and employees with valuable and immediate insight to workforce performance progression and its alignment with organizational objectives.

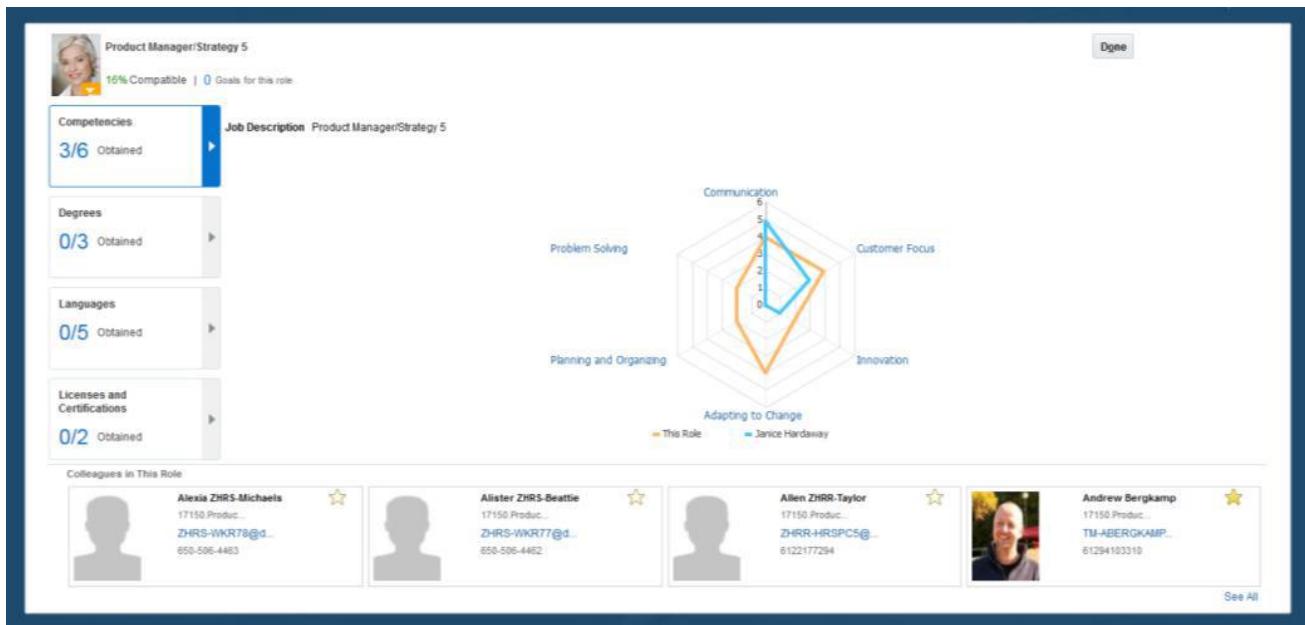


Performance Management is designed to support employees, managers, and business leaders with point-in-time evaluation of worker performance. Organizations can configure the performance process to match their business practices. An industry-leading user experience enables employees and managers to easily see where they are and move smoothly through the process. Guidance and

decision support are provided to users in context to help them easily and intelligently complete evaluations. Embedded intelligence supports managers and HR administrators in efficiently monitoring and managing the overall performance management process, enabling them to take action at the point it is needed.

## Career Development Cloud Service

Oracle Career Development (Career Development) provides a way for employees to identify career opportunities and maintain a development plan to bring them closer to their career goals. Employees can search for or be recommended career roles of interest, compare themselves to these roles, find other colleagues in these roles, and build a development plan to bring themselves closer to a future career of interest or to improve in their current role. Employees can track development intent by tying goals to roles, track development progress, and designate which are their active development goals.



**Explore Roles** Employees have the tools at their fingertips to explore career opportunities in your organization. They can search for roles and learn about them as well as compare themselves to the roles. This lets them understand how close a fit they may be to certain roles, or how much more development may be required before they may be best suited for a role. Employees can designate a desired role as a career of interest, or managers can also make a role recommendation. Employees can use this exploration to help build out their development plan with their manager.

Employees can create development goals based on their role exploration and build out robust development plans. Development goals can be considered as active or inactive depending on the current focus and priorities of each employee. Development goals may include various tasks or activities such as learning, job rotations, or projects. Each development goal may also include target outcomes such as increasing the proficiency of a competency, thus tying the employee's development progress directly to their profile. These development goals may be added directly by the employee, assigned by the manager or HR Specialist, or assigned during a talent review meeting or via a talent pool.

## HR Help Desk Cloud Service

As organizations transition to the Cloud to support their Human Resource needs, they face the challenge of ensuring high quality HR service to their worker population, but are expected to continue to reduce costs. With this, there is a need for HR to use smart solutions to guide workers to the answers they require to manage and optimize the organization. As a result, many organizations have deployed self-service to their worker population to support simple transactions. This deployment has typically also included more complex transactions for their managers to optimize their workforce particularly in this modern, global, decentralized work environment. In order to effectively optimize your cost-effective organization, smart solutions are required to minimize the maintenance of rules as well as ensure workers get the answer they need to resolve their issues.

Oracle is providing these smart engagement solutions for the cloud. Natively developed, HR Help Desk Cloud is the HR case management solution for our HCM customers to provide the superior service your workers expect. HR Help Desk Cloud is built in the Oracle Cloud leveraging the common data model and supporting our unified cloud strategy. While ensuring data privacy and minimal maintenance, our HR Help Desk Cloud is specifically developed to support your HR and workforce needs in this growing, competitive, and modern environment.

Oracle provides a comprehensive solution for all your organization's service delivery needs including:

- Simplified user experience for all users including Employee and Manager.
- Knowledge Cloud for easy to use content searching.
- Full case management solution to ensure appropriate case assignment.
- Data privacy with secure case management.
- 360-degree view of workers for easy access to details for the agent/HR.

## Learning Cloud Service

Traditional learning management systems have historically been prescriptive, often delivering information in silos, without integration to core HR, talent management, and social platforms. To help develop today's digital workforce and create the leaders of tomorrow, the new Oracle Learning Cloud, part of [Oracle Human Capital Management Cloud \(Oracle HCM Cloud\)](#) enables HR and business leaders to offer curated and referral-based learning.

With Oracle Learning Cloud, HR, and business leaders can source content from both internal and external sources, including YouTube and Massive Open Online Courses (Moocs). Understanding that user-generated content and crowd-sourced information is king in the consumer world, Oracle designed its Oracle Learning Cloud to be social, contextual, intelligent, scalable, and secure.

- **Social:** It enables employees to capture, share and collaborate around best practices using rich media. It allows subject matter experts to build their own reputation by empowering them to create, assemble, and publish high quality content, and encourages social recommendations and discovery.
- **Contextual:** It allows organizations to provide real-time, in-line learning to their employees.
- **Intelligent:** It has a recommendation engine that delivers personalized learning recommendations based on more than 100 person, job, and enterprise attributes.
- **Scalable and Secure:** With Oracle Cloud, it has the technical infrastructure needed to support transcoding and bit-rate adaptive stream (like YouTube and Netflix) so that employees can publish and consume from any modern device, from any network, such as 3G, 4G, or Wi-fi.

With the Oracle Cloud as its foundation, the new Oracle Learning Cloud also provides all of the compliance and administration features of traditional learning management systems.

## **Workforce Health and Safety Incidents Cloud Service**

Organizations need to implement an incident reporting system for managing work-related risks that could cause serious injury, illness, or even death. Also, many health standards and regulations in various jurisdictions at state and national levels require organizations to identify potential hazards such as unsafe working conditions and near misses.

Workforce Health and Safety Incidents provides the following key features:

- Enables rapid incident reporting of incident event types such as vehicle incident, environmental spills or releases, near misses, property damage, and notice of violation.
- Identifies unsafe working conditions to prevent an actual injury or illness occurring in the future.
- Efficiently assigns and reminds incident owners of incident activities.
- Allows you to create analytics and reports to monitor progress and detect patterns and trends.
- Secures data and functions by roles and privileges.
- Leverages HCM Cloud Global HR data and processes so you can get up and running quickly.

Workforce Health and Safety Incidents can benefit any large or small organization by:

- Creating a safer work environment.
- Reducing the level of risks and disruptions and the costs associated with an incident.
- Ensuring that you comply with laws.
- Facilitating regulatory reporting.
- Identifying and correcting shortcomings in the health and safety management programs.

## **Taleo Talent Acquisition (Recruiting and Onboarding) Cloud Service**

Hiring better employees creates long-term competitive advantages that lead to increased customer satisfaction and revenue growth. The Oracle Taleo Recruiting Cloud Service helps organizations reach hard-to-find talent, hire the right people, and get them productive more quickly.

Modern recruiting is becoming increasingly challenging, requiring companies to work harder to seek out and identify the best talent while staying on top of the complexity of their own internal hiring process. The Oracle Taleo Recruiting Cloud provides an end-to-end platform to help meet these challenges, from multiple sourcing channels to ensure consistent pipelines of talent, to flexible workflows that easily adapt to the needs of even the most complex global organizations. Whether you need to hire high volumes of candidates quickly, find candidates for hard-to-fill positions, build talent pools in international markets, or just streamline your recruiting processes, Oracle Taleo Cloud Service can help.



The Oracle Taleo Cloud Service provides tools to help you source active and passive candidates across a variety of websites, job boards, referrals, and social media. Screening, assessment, and innovating quick-filter technologies ensure that you find and select the best talent available, including students, experienced professionals, and hourly workers. Interview, offer management, and onboarding tools complete the process by engaging new employees early and making sure they are aligned with company initiatives. Gain insight into the business impact of your talent management decisions.

## Multi-Channel Sourcing

Market your current and future opportunities across a wide variety of sourcing channels to ensure the widest reach to talent. Automatically post jobs to your corporate career site and job boards to reach out to active job seekers. Leverage your social presence to reach out and share jobs with fans and followers via Twitter, LinkedIn, and Facebook, while encouraging employee referrals by directly connecting into their personal and professional contacts across multiple social networks. Capture prospective candidates across all channels into a talent community to build an ongoing pipeline of talent for future openings. Advanced sourcing analytics help you quickly identify your best sources and help optimize your future investments.

## **Employer-branded Candidate Experiences**

Highlight your current opportunities through dedicated career portals seamlessly integrated into your existing corporate website. Extreme configurability allows you to support multiple unique brands in more than 30 languages, and tailor your application process for specific hire types across both internal and external applicants. Utilize marketing-style landing pages to deliver targeted content to prospective candidates from across the web or in response to your ongoing recruitment marketing campaigns. Incorporate video and other rich media content to increase candidate engagement and conversion.

## **Automated Candidate Screening and Assessments**

Hire better people faster using multi-tiered screening and assessment tools. Use disqualification and prescreening questions to automatically determine basic eligibility and rank candidate abilities, certification, and experience against the requirements of the job. Incorporate tailored behavioral assessments to evaluate key behavioral attributes or competencies that are proven predictors of success on the job and in your specific environment.

## **Configurable Workflows**

Design flexible candidate selection workflows tailored to your unique recruiting processes. Extensive configuration options help adapt the system to the needs of specific brands, organizations, or hire types while built in automation ensures a consistent process with a minimum of administration.

Supporting compliance features help companies respect the latest data privacy laws and create consistent, scalable, and fully legal candidate selection processes that can reduce exposure to lawsuits, protect government contracts, and cut administrative costs.

## **Interview and Offer Management**

Let scheduling wizards help you quickly check calendar availability and confirm interviews with candidates and your interview team. Online interview guides and questionnaires help promote a standardized and objective interview process for all candidates and focus interviewers on critical competencies and experience. Automatically collect interview feedback and scores to make better and quicker hiring decisions.

Access a library of configurable offer templates and automated approvals to streamline the offer process for recruiters and hiring managers. Present offers to candidates securely online to quickly capture acceptance and reduce overall time to hire.

## **Onboarding**

Streamline and automate your onboarding process by moving it online. Configurable onboarding portals help candidates quickly complete necessary documentation while increasing engagement and time to productivity through access to rich media content and integrated compliance and role based training.

## **Proven Integrations**

Extend the value of your solution with pre-built integrations to hundreds of certified partners for job distribution, assessments, video interviews, background checks, surveys, tax screening, drug screening, and more.

## **Anywhere, Anytime Mobile Recruiting**

The Oracle Taleo Recruiting Cloud Service provides support for growing mobile usage by candidates and hiring teams alike. Candidates can apply via dedicated mobile application processes, while hiring teams can access recruiting data from the web, smart phones, or dedicated tablet user experiences.

### **Key Features:**

- Multi-channel sourcing.
- Employer branded career portals.
- Screening and assessments.
- Precision matching.
- Configurable workflows.
- Interview and offer management.
- Automated onboarding.
- Proven third-party integrations.
- Advanced reporting and analytics.
- Anywhere, anytime mobile recruiting.

### **Key Benefits:**

- Expand your reach to talent with expanded sourcing options.
- Quickly identify top prospects with automated prescreening.
- Support multiple organizations and brands from a single global platform.
- Accelerate time to productivity for new hires.
- Decrease compliance risks.
- Harness embedded business intelligence to gain increased insight and transparency.
- Leverage external providers to future proof your investment.
- Improve selection processes to increase quality of hire.
- Improve process efficiency and reduce sourcing costs.

## **Taleo Assessments Delivery Cloud Service**

Oracle Taleo Hourly Assessment Content Cloud Service allows you to deliver candidates assessments online at any stage of the selection process. Results are automatically stored in each candidate's profile, and you are notified immediately when the system identifies the candidate who is most likely to succeed in your organization.

Oracle Taleo Hourly Assessment Content Cloud Service is built into Oracle Taleo Enterprise Cloud Service. You can use it to support hourly hiring, professional hiring, internal employee transfer programs, and campus recruiting. Oracle Taleo Hourly Assessment Content Cloud Service includes:

- Flexible assessment options. Get the flexibility of choosing validated Oracle Taleo assessment content or certified third-party content. If your own staff of industrial organizational (I-O) psychologists has built your library of assessment questions and tests with sophisticated scoring algorithms, graphics, validity periods, and reports, then you can offer these tests as part of the recruiting process.
- Online assessment delivery. Save time and costs when you move assessments online and offer them seamlessly to candidates as part of the recruiting and selection process.
- Single-view results. Make objective hiring decisions based on automated assessment test results as part of candidate comparison.
- Automatically generated interview guides. Ask relevant interview questions based upon the assessment results. Decide on the best candidate based upon a meaningful discussion.

## Taleo Scheduling Center Cloud Service

The Taleo Scheduling Center is a module used with Taleo Recruiting to handle automated and high-volume scheduling of candidates. This add-on scheduling functionality allows users to schedule any number of screening functions for Candidates, including but not limited to:

- Job Fair or Campus Appointments
- Mass Recruitment Events
- Interviews

The Taleo Scheduling Center facilitates the scheduling of these functions through the creation and management of Calendars, which are populated with Timeslots, into which Candidates can schedule appointments. The Taleo Scheduling Center sends follow-up invitations (triggered through CSW) and reminder emails and records status messages in the candidate file each time a candidate performs a scheduling activity.

The Taleo Scheduling Center displays a calendar view for users showing the resulting timetables of which invites are scheduled for each time slot on each day. The Taleo Scheduling Center sends email messages to candidates requesting them to schedule an appointment. It also sends emails confirming appointments and reminding candidates about their scheduled appointments.

The Taleo Scheduling Center screening service is available in two types of integration:

- **Self-service:** This integration type is supplied with all applications. In this type, an initial invitation email is sent to the candidate. Emails sent at the different phases of the workflow are controlled through candidate permissions set at the calendar level. The employer (recruiter) will be able to manage the appointments of a candidate only if the candidate has logged in to the Taleo Scheduling Center at least once.
- **Proctored:** This integration type is optional and must be activated by Taleo Support. In this type, no initial invitation email is sent to the candidate. Emails sent at the different phases of the workflow are controlled through candidate permissions set at the calendar level. The employer (recruiter) can manage the appointments of a candidate even if the candidate has not logged in to the Taleo Scheduling Center. Although two types of integrations exist for the Taleo Scheduling Center, both types are configured, activated, and used the same way.

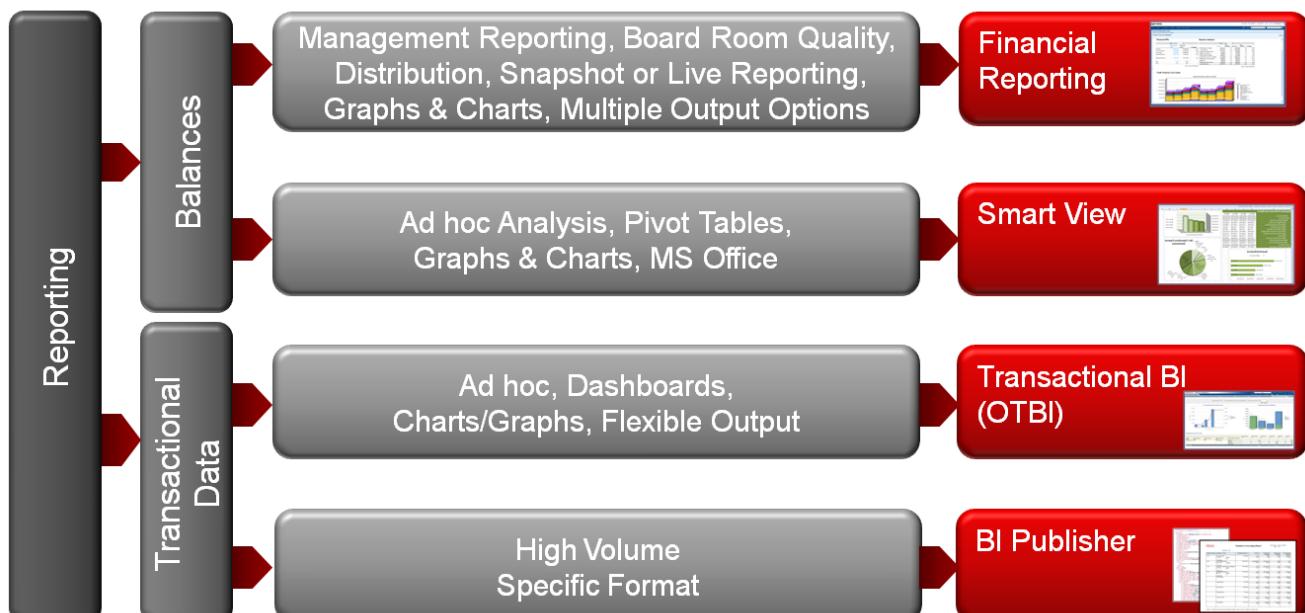
## Benefits

- The Taleo Scheduling Center eliminates significant amounts of manual work to schedule candidates for various purposes, including handling confirmations and reminders, and candidate rescheduling and cancellations. It can help to accelerate the recruiting process, allowing your most promising candidates to schedule themselves for the next step in the process. Its functionality can begin booking appointments for candidates even before your staff has had a chance to view all the submissions. It is ideal for volume recruiting activities such as job fairs, campus interviews and new location openings. Extensive features provide clarity on sourcing and hiring, thereby catalyzing continuous improvement in recruiting.
- The Taleo Scheduling Center eliminates the long and costly process of "Telephone Tag." Recruiters and candidates communicate online efficiently and at their convenience through the application and invitation process. Because it automates so many parts of the recruitment process, the Taleo Scheduling Center can allow your staff to spend less time on clerical tasks and to devote more time to higher-value tasks.

## Reporting and Business Intelligence

Oracle Cloud applications offer more than one reporting tool. Oracle has found that no single tool can best meet the different demands of every user in the organization. By providing multiple reporting options to the District, each method delivers the best match for efficient and relevant reporting within a specific area, whether for management reports, financial analysis, transactional intelligence, or statutory reporting.

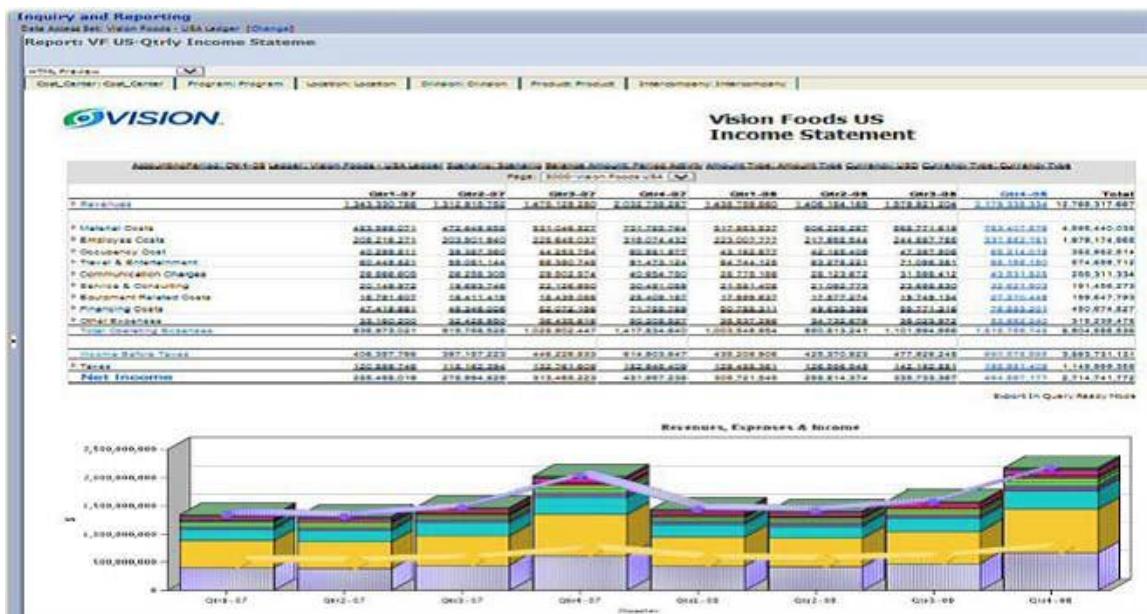
Accessing information is different in Oracle Cloud applications. Users no longer need to depend on IT involvement to create reports or queries. Finance users can gain access to live financial reports and report snapshots through a secure, self-service reporting center. Other users can easily create their own ad hoc transactional queries using predefined business views that use common business language specifically designed for non-technical users to understand.



*Reporting Tools Available with Oracle Cloud Applications*

## Financial Reporting and Querying

The Financial Reporting Center delivers boardroom-quality management reports based on live general ledger balances and hierarchies. In addition to high-quality, formatted reports including graphs and charts, the Financial Reporting Center also supports detailed and interactive analysis within the report through slicing-and-dicing, expansions, and drilldowns, allowing managers and executives to review strategic financial highlights and trends but with the added capability to investigate the details for a comprehensive understanding of financial performance.



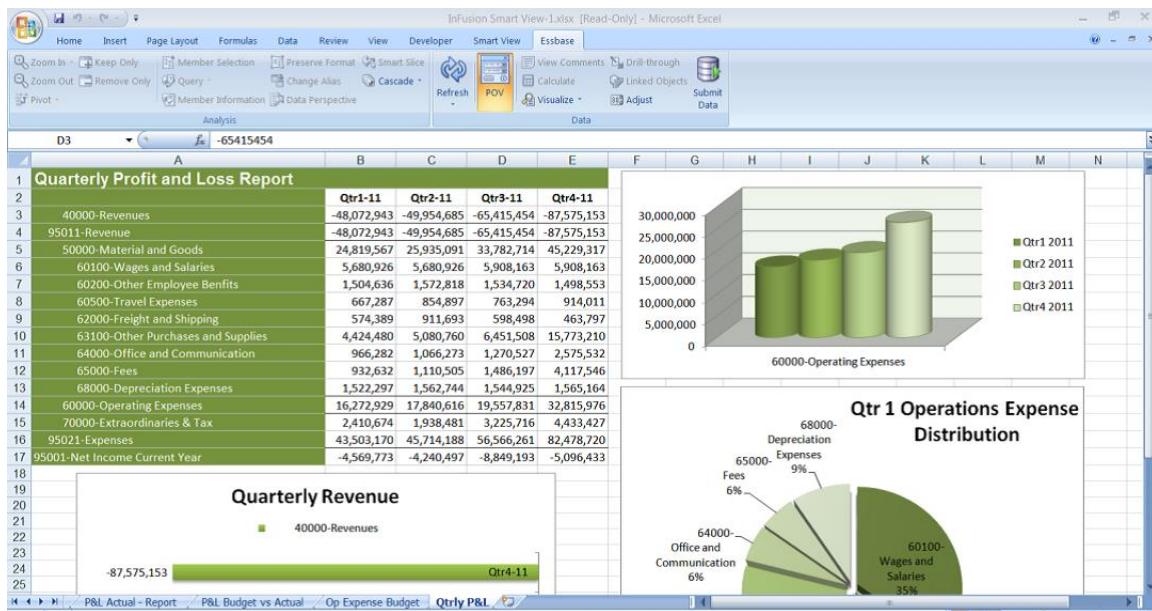
The advantage of Financial Reporting is that it is based on real-time, multi-dimensional account balances in the General Ledger Essbase cube, so users can analyze information rapidly based on pre-aggregated summary balances at every level of the accounting hierarchy (for example, the summary balances do not need to be calculated at report run-time). Every time a transaction or journal is posted, general ledger balances are created at every possible summarization level in real-time, so account balance inquiries and reporting are fast and up-to-the-minute accurate.

In addition to financial reporting, real-time account balance monitoring is available. Researching anomalies in account balances can be cumbersome and time consuming. When exceptions are identified, it often may be too late to take corrective actions. The Account Monitor automatically detects unexpected changes in account balances based on thresholds that you define.

The District can compare monthly, quarterly, and yearly balances for both the current and previous years as well as their percentage change to assess whether the variance is favorable or unfavorable. You can quickly drill through multiple levels of summarized balances, view different perspectives of the balance, and even drill back to the originating transaction to investigate the root cause of exceptions.

## SmartView

SmartView is an Excel-based analysis tool, ideal for financial analysts needing to quickly define financial reports and ad hoc queries within a familiar tool. Unlike traditional offline spreadsheet analysis, SmartView is directly integrated to general ledger balances in real-time.



Pivoting, drag-and-drop, and drilldown can be used to manipulate data and perform ad hoc analysis against real-time, multi-dimensional account balances. Users can either build queries from scratch or export the contents of a financial report to Excel for further analysis. Reports and queries can be saved offline, and then automatically updated with the latest real-time general ledger data by re-opening the spreadsheet.

Although our suggested use case places SmartView as an Excel add-in, SmartView reports and queries can also be enabled in PowerPoint and Word, allowing real-time financial analysis to be embedded into management reporting packs so that the information used to drive decision-making is always accurate and up-to-date.

## **Oracle Transactional Business Intelligence (OTBI)**

Oracle Transactional Business Intelligence (OTBI) provides embedded analytics, role-based dashboards, and on-the-fly ad hoc reporting capabilities to Oracle Cloud applications. Pre-delivered operational reports are enriched with robust and flexible ad hoc query capabilities that access real-time transactional data. OTBI transforms reportable data objects into everyday business terminology. Business users can also easily drill down predefined hierarchies, enable action links, compose a dashboard, schedule a report or dashboard for delivery, and export data or reports. OTBI is fully integrated with Oracle Cloud applications (roles, flexfields, lookups, and trees). There is no need for additional implementation steps to map security or provide configuration inputs.

- Build rich, visual, and interactive reports, and publish to multiple users.
- Create reports using real-time transactional data.
- Easy for business users to access, analyze, and use the transactional information.
- Integrates well with the OBIEE features of saving reports, sending alerts, and ability to enable certain business process actions within the Cloud Applications.
- Perform self-service, ad hoc analysis.
- Make better operational decisions based on real-time analysis.

Analysts and managers often spend countless hours getting the right information to perform their daily tasks. This results in frustration, lost productivity, and sub-optimal decisions. OTBI delivers a flexible and easy-to-use analysis tool that helps you gain real-time insight into transactional data, understand data patterns, and be alerted of key events and data anomalies. With robust ad hoc reporting, role-based dashboards, data visualization and self-service information delivery, OTBI puts reporting in the hands of business users.

## **Real-Time Workforce Insight**

Getting meaningful information out of a transaction system often requires a report request to the IT department. Even if this information is in your systems, it is often difficult to retrieve, not available when you need it, and in a format that provides little intelligence. OTBI provides real-time insight into business processes without data latency. When an employee is hired in HCM, this headcount instantly appears in reporting. Instead of exposing the complexity of data structure to business users, OTBI organizes 9000+ reportable data objects into functional subject areas that a business user can easily relate to. Reports are executed real-time against the transactional schema supported by a layer of view objects. When data is updated in reports and dashboards are automatically refreshed at run time.

## **A Robust and Easy-to-Use Reporting and Analytics Tool**

OTBI is built on the power of Oracle's industry-leading business intelligence tool Oracle Business Intelligence Enterprise Edition (OBIEE). Traditional ad hoc reporting tools require a user to have an understanding of the data objects in the database. In OTBI, instead of constructing a SQL query, you can simply drag and drop selected data from subject areas and use different graphical views to interactively explore or visualize the data.

As seen in the following figure, embedded analytics deliver actionable information to users within a transaction relevant to their task at hand. For example, recommendations and visual cues help users match a receipt to an invoice, or a purchase order line to an invoice. Similarly, reminders inform users of items that require their attention, for example, if a supplier has prepayments that have not been applied.

The screenshot displays the Oracle BI (OTBI) interface. At the top, there's a navigation bar with links like 'Welcome', 'My Portrait', 'Asset Accounting', 'Channel', 'General Accounting', 'Manager Resources', 'Payables', 'Project Performance', and 'WebCenter Services'. Below the navigation bar is a toolbar with icons for 'Journals', 'Period Close', 'Financial Report Center', 'Intercompany Transactions', 'Expenses', 'Reports and Analytics', and 'Monitor Processes'. The main content area is divided into several sections:

- Conversations:** A list of recent conversations with users like 'Casey Brown', 'James Seller', and 'US Ledger Set-General'.
- Account Analysis for Travel Expenses:** A composite view featuring a pie chart of account codes and a bar chart of net activity by account code.
- Approvals:** A list of pending approvals for expense reports, invoices, and journal batches.
- News:** A section with a news item from 'May 6, 2014' about the 'Close of Quarter' and a 'Win of the Week' entry for 'Startek Research Inc'.
- In the Know:** A summary of recent events and features.

### Embedded Analytics Deliver Actionable Information

Role-based dashboards and work areas actively monitor processes to provide a consolidated view of timely and relevant information. For example, a buyer's work center directs a buyer's attention to key actions and problematic hotspots using graphical views of key performance indicators, dynamic summaries of required actions, role-based alerts, and personalized watch lists and work lists.

You can filter on data, drill down hierarchies, enable action links, compose a dashboard, schedule a report or dashboard for delivery, and export data or reports to Excel, PowerPoint, or other formats. You can also use BI Publisher to create pixel-perfect, fixed-format reports. You can easily embed an OTBI report or dashboard in a page through Personalization. A reporting wizard (BI Composer) is available to guide casual business users through a few simple steps to run, edit, or create reports in applications.

### Seamless Integrated with Applications

OTBI is fully integrated with and requires no additional system or security configuration. OTBI is ready for use once it is provisioned and data is available for reporting. OTBI inherits user roles and security profiles. What OTBI subject areas you can access to create analyses is determined by your user role. When you run an OTBI analysis, what data you can see is automatically filtered based on your security profile.

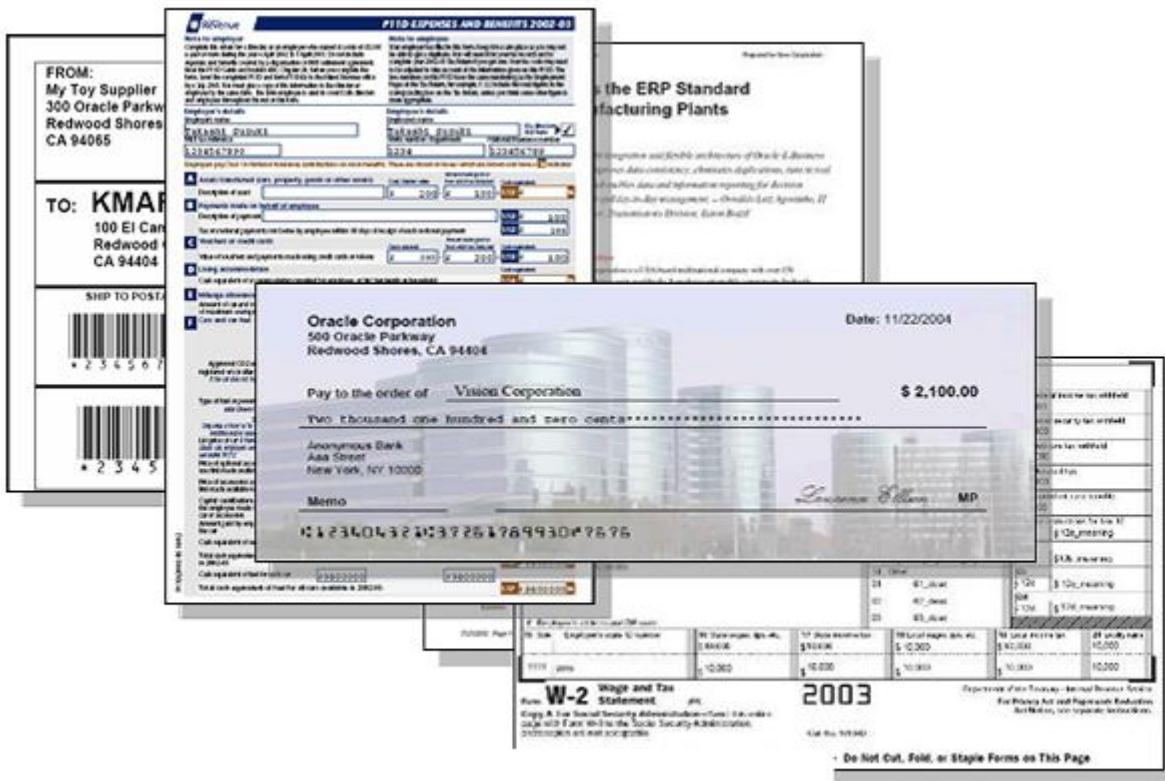
### Support Application Extensibility

Applications are designed for extensibility so that you can adapt the application to suit your organizational needs. The key to application extensibility lies in the usage of metadata objects. You can change or extend the delivered object metadata in an upgrade-safe manner. Object metadata extensibility is also supported in OTBI. OTBI is integrated with flexfield configuration. At the time of registering a flexfield in Cloud, your administrator can enable a flex segment for BI reporting. The BI Extender process then extends all BI-enabled flexfields to OTBI subject areas for reporting.

OTBI synchronizes column labels with Cloud Application metadata store. When you rename a column label in Cloud, you will also see the new column label reflected in reporting.

## Business Intelligence Publisher

Oracle Business Intelligence Publisher, a standard reporting tool provided with the Oracle Cloud applications, provides the ability to create high-quality, graphics-based reports by combining templates designed in standard desktop tools, such as Word or Adobe, with XML output. Users can also export query data from the Oracle Cloud applications into Excel.

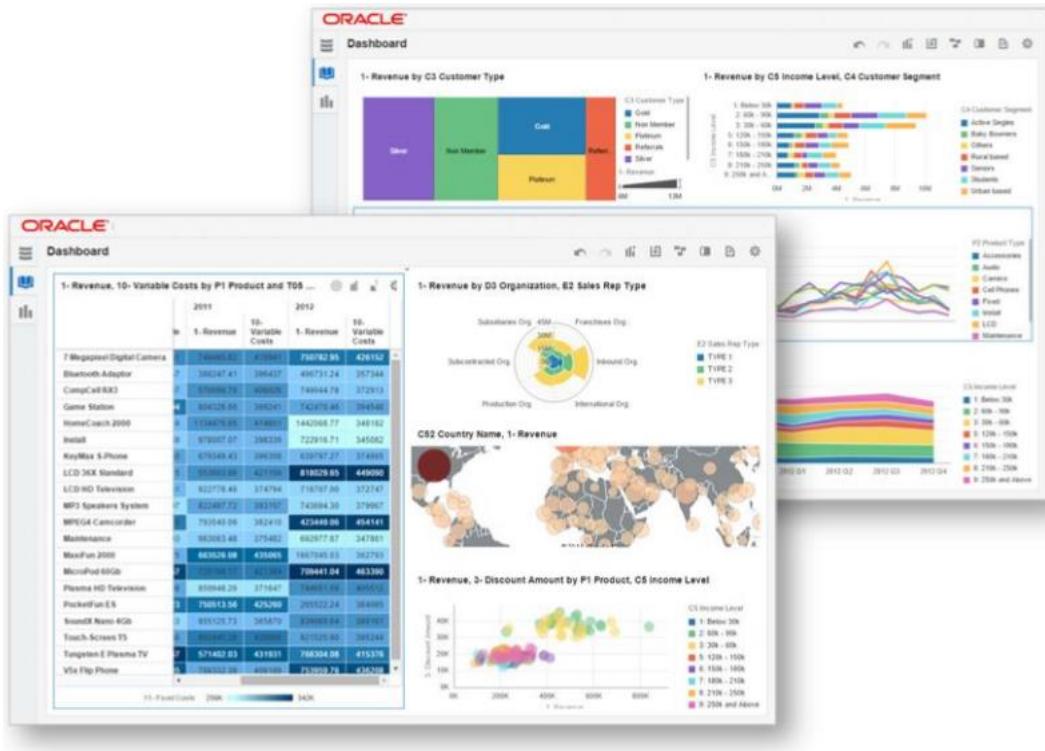


Business Intelligence Publisher is ideal for high-volume, highly formatted transaction-based reports providing details of current operational data. Business Intelligence Publisher can be used to produce reports such as invoices, shipping labels, government forms, EFT and EDI files, checks, operational reports, and correspondence. Business Intelligence Publisher is already used to deliver pre-packaged reports in Financials such as payment formats, tax reports, and other fixed format, high-volume documents. This makes it easy to customize and extend the reporting content already available to suit specific business requirements.

End-users can easily create report layouts using the Business Intelligence Publisher Layout Editor directly in a web browser or with familiar desktop tools such as Microsoft Word or Microsoft Excel. On-demand as well as scheduled reports are supported in a variety of output formats such as HTML, PDF, Word, XML, and machine-readable files such as EFT and EDI. High volumes of reports can be delivered to multiple destinations like printers, email, fax, WebDAV, or FTP with minimal impact to transactional systems. A single report can be burst with personalized content to multiple output formats and destinations on a scheduled basis.

## Oracle Data Visualization Cloud Service

Oracle Data Visualization Cloud Service makes easy yet powerful visual analytics accessible to everyone. Simply sign up for a low-cost subscription, then drag and drop to see your data visualized automatically, change layouts, and present new insights. If you have questions about your data, search just like you would online, or browse the guided navigation to find what you're looking for—everything on the screen is connected, helping you more quickly understand and find value in your information. When you uncover new insights, you can add comments to them to create visual stories that can be securely shared throughout the organization.



- **Stunning, smart visualizations.** Data Visualization Cloud Service displays the best visualizations for your data automatically—all you have to do is drag and drop. As you add new attributes and filters, the visualizations change to best reflect new data and bring clarity to your investigation. You can also change visualizations at any time, simply by clicking (no configuration required).
- **Automatic highlighting.** Related data is automatically connected, so selecting data in one visual highlights correlated data in every other visual, immediately showing patterns and revealing new insights.
- **Guidance and search.** Sometimes you know the data you are working with, and sometimes you don't. Powerful search, guided navigation, and sophisticated filtering work together intelligently to provide an easy, interactive path through your data, helping you find exactly what you are looking for.
- **Everything connected.** A unified user experience blurs the lines between dynamic discovery, dashboarding, and presentation, creating a seamless and richly contextual environment that keeps your exploration fast and fluid.
- **Visual storytelling and sharing.** It's easy to capture insights as visual stories, saving story points (snapshots of the analytical moment-in-time) and adding comments to highlight key points and discoveries. Stories are live and can be securely shared with anyone with permission; co-workers can click a link and be brought into the story, build upon it, and share it in turn, enabling the rapid, dynamic collaboration that drives improved decision-making and faster action.