

The background features a dark, textured surface with a starburst pattern of white dashes. On the right side, there is a large, stylized illustration of a hand with fingers spread, rendered in shades of orange, yellow, and blue with intricate line patterns. The Oracle logo is partially visible in the bottom right corner.

ORACLE

Move and Modernize Oracle Applications to Oracle Cloud Infrastructure (OCI)

Your challenge

Hosting critical Oracle applications on-premises can be inefficient: the CapEx of on-premises hardware is high and non-standardized infrastructure is susceptible to security threats and slow performance. Not all providers can guarantee SLAs and on-premises infrastructure may lack the hardware capacity required to upgrade applications and deploy new environments quickly. To gain advantages and improved agility, organizations are considering migrating applications to the cloud to ensure that they can efficiently support their business processes. However, not all cloud providers offer performance levels designed to exceed on-premises deployments while maintaining the security, governance, and manageability that Oracle applications require.

Our solution

Oracle Cloud Infrastructure (OCI) offers a suite of migration, provisioning, and management tools for key Oracle “Apps Unlimited” applications like E-Business Suite, JD Edwards, PeopleSoft, Siebel and Hyperion, related customizations, and associated databases, to expedite their transition to the cloud. Once on the Oracle Platform, customers can optimize and extend their Oracle Applications with correlative PaaS services including [Oracle Integration Cloud](#), [Digital Assistant](#), [Artificial Intelligence](#), and [Data Science](#). Only OCI offers access to proven technologies like [RAC](#), [Autonomous Database](#), and [Exadata](#), enabling customers to leverage the latest hardware and technologies, thus improving database and application performance and results.

Benefits of running Oracle applications on OCI



Lower TCO than on-premises and competing clouds



Superior performance backed by SLAs



Unique capabilities to enhance availability, security, and control



Automate migration and provisioning



Deploy in just **hours**



No single point of failure



Migrate in **weeks**



Premier support through **2031**

Oracle Cloud Applications	Custom Applications	ISV Applications
DevOps	Containers	Data Science, Machine Learning, and AI
Compute	Networking	Non-relational databases
Storage	Management, monitoring, and automation	Native VMware
Integration	Relational databases	Analytics and BI
Security Governance Compliance		
Global Cloud Datacenter Infrastructure		
30+ Public Cloud Regions Cloud@Customer Dedicated Regions Roving Edge		

7-ELEVEN®

7-Eleven moves E-Business Suite to OCI, increasing performance 30x

This iconic global convenience store chain consolidated production and disaster recovery for Oracle E-Business Suite and other applications on OCI. 7-Eleven reduced their platform TCO by 30% and improved application performance.





Alliance Data saves \$1M running PeopleSoft, Hyperion, and more on OCI

Realizing it was no longer strategic to maintain their own hardware, Alliance Data migrated PeopleSoft, Hyperion, OBIEE, and Exadata to OCI. Performance increased by 30-50% and there were no business interruptions within the 5-month transition period.



Smiles S.A. moves Siebel to OCI, serves customers 4x faster

Smiles innovates airline loyalty campaigns without downtime and has reduced customer response time from 20 seconds to 7 seconds by migrating Siebel to Oracle Cloud Infrastructure.



Darling Ingredients modernizes its infrastructure with Oracle Cloud

Darling Ingredients migrated its Oracle footprint from its co-located data center to OCI. As a result, Darling Ingredients gained reliable performance and high-bandwidth connectivity between its Oracle applications that resulted in steep efficiency gains.



Move

Move applications without re-architecture

Gain higher performance, improve availability, and shift from CapEx to OpEx



Optimize

Incrementally refactor

Reduce manual work with platform services, improve agility with containerization, and automate your application lifecycle



Extend

Extend your applications

Improve user experience with new interfaces, expand app use with new APIs, and increase value with integrations to other apps

Start getting cloud benefits without application changes

1. **Easily lift & shift** with [Oracle Cloud Lift Services](#) and automated migration & provisioning tools
2. **Improve performance** with [Oracle Exadata Cloud Service](#), [Database RAC](#), and [Oracle Bare Metal Servers](#)
3. **Lower costs** with [Universal Credits](#), [BYOL to PaaS](#), and [Oracle Support Rewards Program](#)
4. **Explore comprehensive cloud choices** such as [Oracle Dedicated Region Cloud@Customer](#), [Exadata Cloud@Customer](#), and [Oracle Cloud VMware Solution](#)

E-Business Suite

E-Business Suite is a fully integrated ERP software suite that can be moved to OCI for improved efficiency, cost savings, and performance gains compared to on-premises deployments and other clouds. Oracle's automated provisioning allows customers to deploy E-Business Suite on OCI within hours. The solution has a deep focus on helping customers maintain the integrity of existing knowledge, customizations, licenses, and integrations. Most E-Business Suite versions can be migrated to Oracle Cloud Infrastructure, and even SPARC- and AIX-based deployments have a path to migrate to the cloud. Lifecycle management in the cloud is provided by E-Business Suite Cloud Manager, which includes backup, provisioning, cloning, and migrations.





Princess House saves 3x migrating JD Edwards onto OCI

By migrating its JD Edwards application from on-premises to OCI, Princess House was able to modernize its infrastructure while achieving 1/3 of the costs of competing solutions. With its workloads now running in the cloud, IT staff can focus on building and improving applications instead of worrying about power and cooling of its data center.



Nidec Motor reduces provisioning time by 70% with OCI

With the help of Oracle Partner Infosys, Nidec moved on-premises Oracle E-Business Suite plus other non-Oracle workloads to OCI on a tight deadline. As a result, Nidec increased CPU response time by 20%, CPU utilization by 30%, and reduced backup time by 15%. Additionally, Nidec reduced its license, operating, and storage costs.

Deployment options for Oracle E-Business Suite on Oracle Cloud Infrastructure

Most on-premises Oracle E-Business Suite deployments can be migrated to run on Oracle Cloud Infrastructure without requiring significant configuration, integration, or business process changes. The migration results in an implementation that is more flexible, more reliable, higher performance, and lower cost than either on-premises or other cloud approaches. When you subscribe to Oracle's Infrastructure as a Service (IaaS), you have access to all the compute, storage, and network services associated with it. If you find that DBaaS is required for your deployment, you can also subscribe to Oracle DB System or Oracle Exadata DB System and take advantage of the specific features and capabilities of these offerings. There are several methods of deploying Oracle E-Business Suite on OCI:

1. Deploy the Application and the Database Tiers to Compute VMs

With this deployment, the application and database tiers are deployed on distinct sets of Compute VMs. You may optionally deploy multiple application tiers on distinct compute VMs that are load balanced using Load Balancer as a Service (LBaaS).

2. Deploy the Application Tier to Compute VMs and the Database Tier to DBaaS

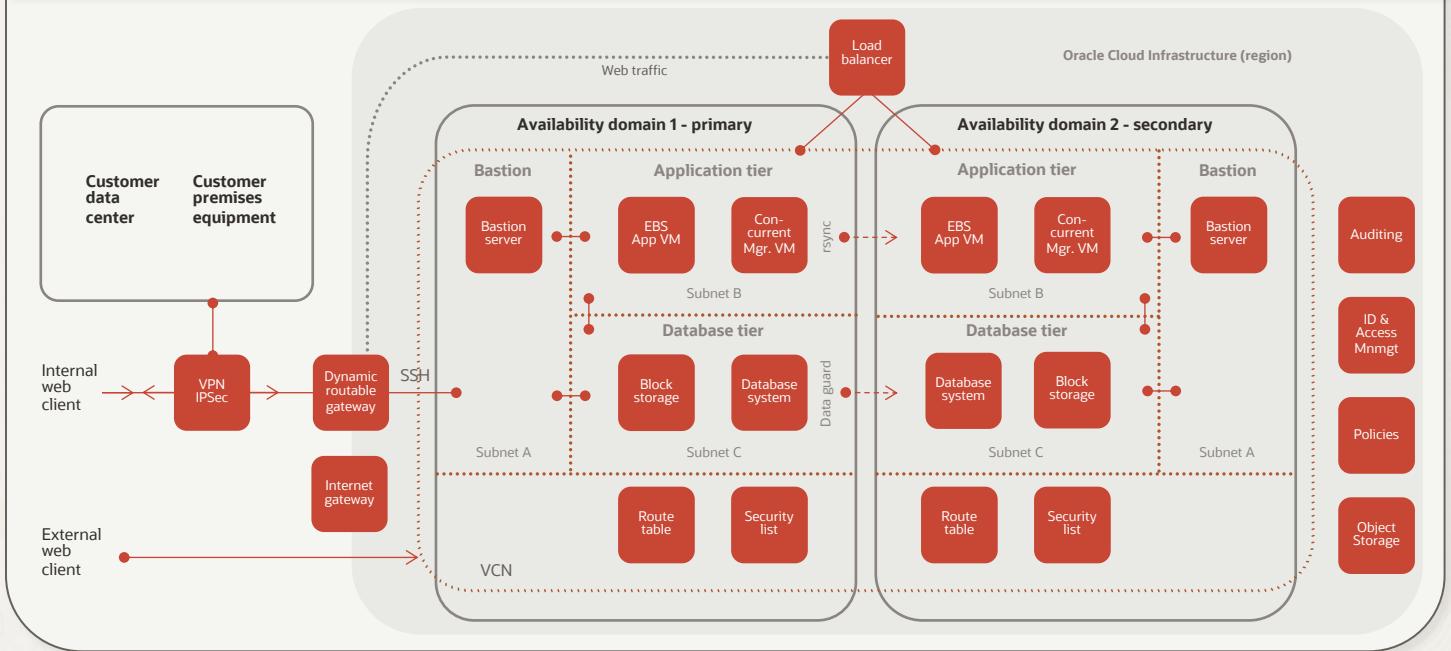
Just like in the previous scenario, the application tier is deployed on a Compute VM, or you can deploy multiple application tiers on distinct Compute VMs that are load balanced using LBaaS. The database may be deployed to a Database Cloud Service (DBCS) Single Instance VM, to a DB System Single Instance on Bare Metal, or to an Exadata DB System. When you choose Exadata DB Systems, RAC is deployed by default. Oracle offers automated provisioning capabilities that can be used to deploy a Demo (Vision) Oracle E-Business Suite instance.

3. Deploy the Application Tier to Compute VMs and the Database Tier to Oracle RAC

You can deploy a two node Oracle Real Application Clusters (RAC) virtual machine DB system, or an Oracle Exadata DB system. Requests received from the application tier are load balanced across the database instances. If you deploy Oracle E-Business Suite in multiple availability domains for high availability, you must setup [Oracle Data Guard](#) or Oracle Active Data Guard in synchronous mode to replicate database changes across the database in the two availability domains.



The following diagram is an example of a multi-node Oracle E-Business Suite installation on OCI for the application tier with PaaS services for the database tier



In addition, Oracle provides specific tooling and automation to streamline deployment, migration, upgrading, and maintaining your implementation, reducing the time, expertise, risk, and cost of migration and day-to-day operations:

[Oracle E-Business Suite Marketplace trial](#)

[Oracle E-Business Suite Cloud Manager](#)

[Oracle Enterprise Manager and Oracle Management Cloud](#)

for hybrid application management

JD Edwards

[JD Edwards EnterpriseOne](#) is a fully integrated ERP software suite that can be moved to OCI for improved efficiency, cost savings, and performance gains compared to on-premises deployments and other clouds. JD Edwards EnterpriseOne deployments run on Oracle Cloud Infrastructure without significant configuration, integration, or business process changes. This results in an implementation that guarantees improved performance, flexibility, and lower cost. Oracle's One-Click Provisioning console allows customers to deploy JD Edwards on OCI within hours, while maintaining the integrity of existing customized apps.

PeopleSoft

Oracle provides a simple way to migrate most on-premises [PeopleSoft](#) deployments to Oracle Cloud Infrastructure that doesn't require significant re-architecture, reintegration, or business process changes. Use [PeopleSoft Cloud Manager](#) to deploy PeopleSoft environments on Oracle Cloud Infrastructure for demo, testing, development, and production. Cloud Manager lets you define your own PeopleSoft environments and save them as deployment templates. Self-service users can then use these templates to create their own environments for development or testing.



Siebel

[Siebel CRM](#) can be moved to OCI for improved efficiency, cost savings, and performance gains compared to on-premises deployments or other clouds. Deploying Siebel on Oracle Cloud Infrastructure provides access to high-performance compute, Oracle RAC, and Exadata, ensuring the highest levels of performance and greatest availability for CRM applications. Siebel CRM customers can migrate Siebel 18.x/19.x/20x and later to OCI, eliminating cumbersome on-premises maintenance and procurement of new hardware.

Hyperion

Hyperion EPM is a world-class, fully integrated performance management software suite that can be moved to OCI for improved efficiency, cost savings, and performance gains compared to on-premises deployments or other clouds. When migrating from on-premises, customers can take advantage of cloud-based features and web-based tooling, such as provisioning and automation of application deployment built by the Hyperion development team. Any currently supported Hyperion version can effectively run on Oracle Cloud.

Total cost of ownership analysis

Customers who run their Oracle applications on OCI typically see cost savings between 20% and 50%. The following diagram is a TCO Analysis of running E-Business Suite on OCI. By migrating on-premises Oracle applications to OCI, customers can:

Reduce hardware costs

With automated patching and security enhancements, OCI reduces costs by reducing upfront capital expenditures on hardware and physical facilities, as well as ongoing maintenance, licensing, and manual operations.

Pay only for what you use

With flexible and competitive pricing models, customers can optimize costs by paying monthly only for what they use. Pay As You Go (PAYG) pricing allows customers to quickly provision services with no upfront commitment and are metered and billed based on consumption.

Leverage bring your own license (BYOL)

BYOL allows customers to apply their current on-premises Oracle software licenses to equivalent, highly automated Oracle PaaS and IaaS services in the cloud. Customers can leverage existing licensing investments to further reduce costs from the maintenance required for on-premises.

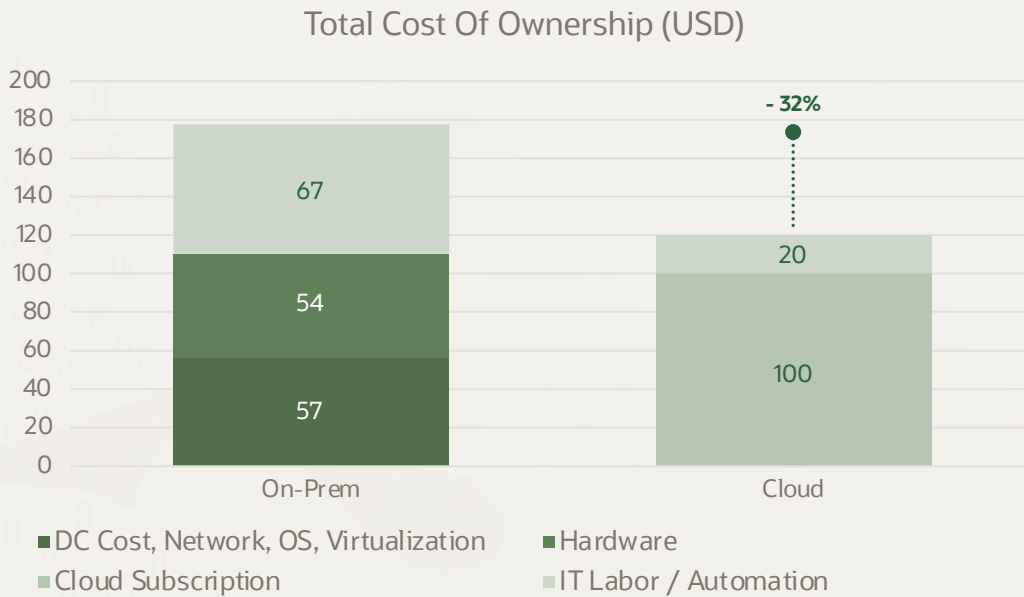
Benefit from predictable pricing

OCI offers consistently low, predictable pricing across all regions and services. Customers can benefit from increased value, without costs surprises, as deployments from proof of concept to full production environments.



5-year TCO for E-Business Suite on Oracle Cloud 600 users

Oracle is 32% less than on-premises



Assumptions

Oracle

6 OCPU per environment compute, 5 OCPU DB, 9TB storage (includes backups), 2 1Gbps FastConnect, 2 Load balancer.

On-premises

26 cores, 208GB RAM, 9 TB usable flash storage, OS support for 26 cores, Enterprise hypervisor costs for 26 cores.

Extended Oracle Cloud benefits

When you migrate your on-premises Oracle applications to Oracle Cloud Infrastructure, you realize the benefits of the cloud without needing to rearchitect first. Lower your total cost of ownership, improve agility and performance, and let us support easier upgrades while you innovate.

[Consistent low global pricing](#)

[Automated migration support](#)

[Flexible universal credits](#)

[Bring Your Own License \(BYOL\) capabilities](#)

[Oracle Cloud Lift Services](#)

[Oracle Support Rewards](#)

Resources and migration partners



Learn more about the solution

- [Move Oracle Apps to OCI Solution Page](#)
- [Built and Deployed on OCI Series](#)
- [OCI Customer Successes](#)
- [Oracle Cloud Infrastructure Architecture Center](#)
- [Oracle Cloud Lift Services](#)
- [Oracle Support Rewards](#)



E-Business Suite resources

- [Webcast: Migrating E-Business Suite to OCI Series](#)
- [E-Business Suite on OCI Solution Guide \(PDF\)](#)
- [E-Business Suite on OCI Blueprint \(PDF\)](#)
- [Value of Migrating EBS to OCI Solution Playbook](#)
- [Free E-Business Suite learning resources](#)
- [E-Business Suite Learning Subscription](#)



JD Edwards resources

- [Webcast: Save on your JD Edwards operating costs in 2020 with OCI](#)
- [JD Edwards on OCI Solution Guide \(PDF\)](#)
- [Deploying JD Edwards on OCI Solution Playbook](#)
- [Value of Migrating JD Edwards to OCI Solution Playbook](#)
- [JD Edwards cloud strategy blog](#)
- [Free JD Edwards learning resources](#)



PeopleSoft resources

- [Webcast: Save 50% of your PeopleSoft operating costs in 2020 with OCI](#)
- [PeopleSoft on OCI Solution Guide \(PDF\)](#)
- [Deploying PeopleSoft on OCI Solution Playbook](#)
- [Value of Migrating PeopleSoft to OCI Solution Playbook](#)
- [Free PeopleSoft learning resources](#)



Siebel resources

- [Siebel on OCI Solution Guide \(PDF\)](#)
- [Deploying Siebel on OCI Solution Playbook](#)
- [Siebel CRM blog](#)



Hyperion resources

- [Webcast: Reimagine Your Financial Processes with OCI](#)
- [Hyperion on OCI Solution Guide \(PDF\)](#)
- [Deploying Hyperion on OCI Solution Playbook](#)
- [Design the infrastructure to deploy Hyperion in OCI](#)

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