

ORACLE

Oracle Cloud for CIOs: Lead Your AI Vision to Reality

A complete cloud to build, automate and scale





CIOs are empowered to lead change, improve business processes, reinforce competitive advantages and harness the growing data from across their ecosystem to better inform decision-making.

Embracing the latest AI and cloud technologies can deliver deep insights, accelerate innovation, enhance transparency, reduce costs and provide the ability to combat cyberthreats without sacrificing quality or compliance with changing regulations.





Five challenges CIOs can tackle now

Seize the moment. Excitement about AI means that CIOs have a rare opportunity to deliver substantial ROI while realising an inspiring technology vision. By spearheading AI adoption and creating an AI centre of excellence, CIOs can provide cutting-edge capabilities that delight customers, engage partners and energise employees.

AI-driven automation and other cloud services free up time and budget for initiatives in areas such as data management, application modernisation, security and governance. Embracing AI doesn't mean starting from scratch. Extend existing investments and skills using familiar open source and Oracle data, analytics and AI solutions to deliver quick wins, minimise risk and reduce costs.

However, with opportunities come significant challenges, which CIOs must address.

1 IT innovation moves too slowly

When faced with supporting business growth, the last thing CIOs want is for IT to be viewed as too bureaucratic to move fast. If your teams are maintaining legacy systems, resourceful business leaders eager to adopt AI will act alone to create applications and data platforms that are incompatible with IT priorities and policies.

How can CIOs partner with line-of-business peers by providing resources and expertise to start and scale new projects efficiently and securely?



2 Data is fragmented and expanding exponentially

As the business demands personalised customer experiences, accurate cash forecasting and efficient recruiting, CIOs need to manage hundreds of internal and external data sources – with more added daily – to provide consolidated, accurate and timely data that delivers trusted predictive analytics to nontechnical business users.

How can CIOs establish a unified data management strategy across a distributed architecture of applications and infrastructure in both public clouds and on-premises data centres?

81%

of time spent managing data is spent searching, preparing and protecting it.¹

3 Skills gaps in tech and engineering

Nearly every company faces skills and headcount challenges, especially those in higher-skill technology and engineering fields. Enable business growth and talent development by using better tools to help automate repetitive and low-value tasks and leveraging existing skills and open source communities to free up time so employees can focus on more-creative and fulfilling work.

How can IT create a highly engaged and productive workforce?

4 Security breaches are diverse and risk is growing

AI cybersecurity attacks from internal and external actors continue unabated. No matter where sensitive data resides, preventing threats on a massive scale consumes resources that could be better allocated to innovation. Plus, AI implementation that involves external partners or third-party solutions brings additional risks, such as the inadvertent sharing of IP assets or lapses in data security.

How can CIOs use AI and automated security to help safeguard cloud infrastructure, data and apps and fight AI attacks?

5 Corporate and ESG compliance is complex and evolving

CIOs wield significant influence over their organisation's environmental, social and governance (ESG) and financial reporting compliance. Challenges for a sustainable business include tracking third-party providers' performance, optimising the use of energy-efficient cloud resources, reducing time-consuming manual processes and analysing data across global supply chains.

How can CIOs address data regulations across all their organisation's jurisdictions?

92%

of large companies report ROI on their data and AI investments.²

¹ IDC Planning Guide: Employing Data Management and Analytics Technologies

² NewVantage Partners Data and AI Leadership Executive Survey, 2022



Drive success with advanced AI technology

Oracle's integrated suite of AI services and applications gives CIOs the power to bring innovations to market faster and make their organisations more responsive. [Oracle Cloud Infrastructure \(OCI\)](#) offers choice, performance and security at the same low price in all cloud regions and complete cloud services for any workload worldwide, across clouds or in your data centre.

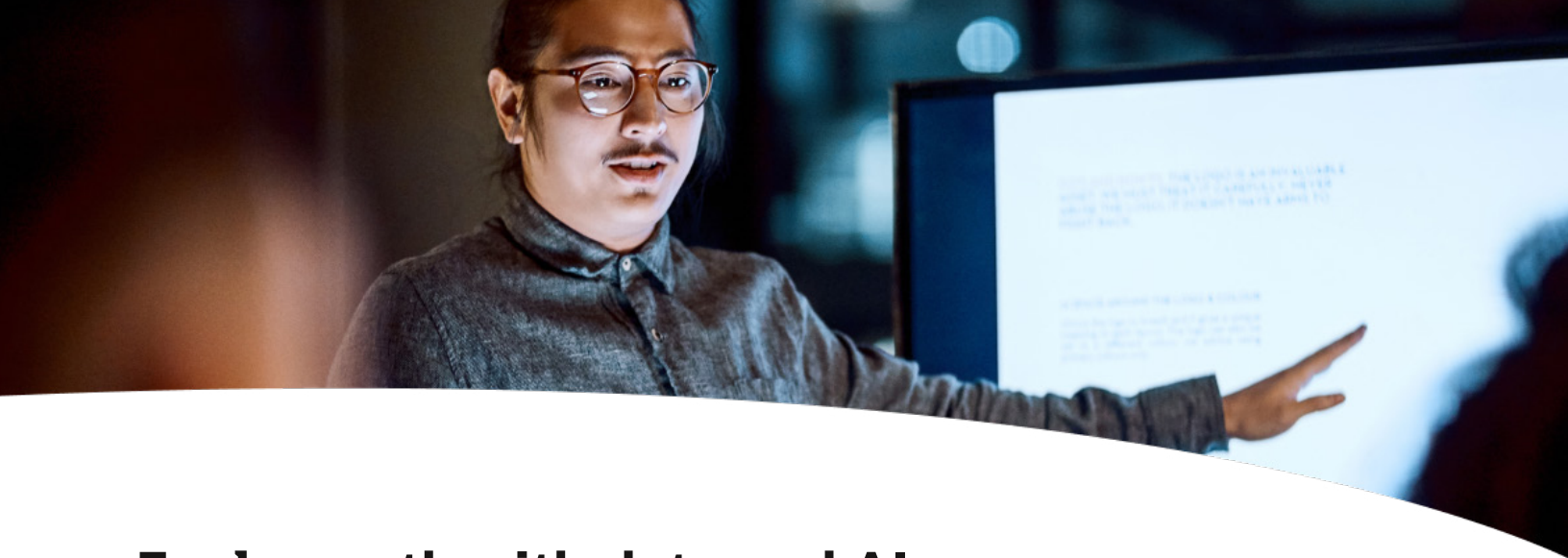


97%

of organisations have adopted multicloud strategies.³

Oracle Fusion Cloud Applications span 18 industries and every area of the business; they include [Oracle Fusion Cloud Enterprise Resource Planning \(ERP\)](#), [Enterprise Performance Management \(EPM\)](#), [Human Capital Management \(HCM\)](#), [Customer Experience \(CX\)](#), [Supply Chain & Manufacturing \(SCM\)](#) and [more](#). Deploy one capability at a time or several at once from a single integrated suite with a common data model to quickly meet business needs and easily tap into new capabilities as requirements change.

³ 451 Research, part of S&P Global Market Intelligence, Multicloud in the Mainstream Global Survey, 2023



Fuel growth with data and AI

Put your data to productive use with OCI, a modern, hyperscale cloud. Build apps and experiences by integrating prebuilt AI services, using existing skills and leveraging investments in Oracle data platforms for more control and faster innovation.

Speed time to value and lower risk by taking advantage of user-friendly AI models and analytics where the data resides on OCI to uncover patterns and predictions that were previously difficult to identify in large data sets.

Innovate, reduce risk and develop intelligent apps with your choice of open source tools, such as [Java](#), the #1 programming language for cloud native development and [MySQL](#), the world's most popular open source database. In addition, we have a strong commitment to the open source community and directly support Hadoop, Kubernetes, Linux, Python and more. Kubernetes, Linux, Python, and more.

Uber

‘We needed a cloud provider that will help us maximise innovation while reducing our overall infrastructure costs. Oracle provides an ideal combination of price, performance, flexibility and security.’

Dara Khosrowshahi
CEO, Uber

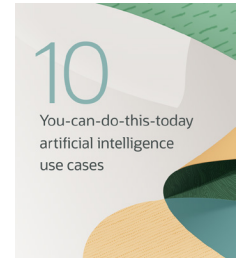
[Read Uber's story](#)



Build IT that's ready for anything

Leverage all your data on OCI to innovate and drive business outcomes

- Integrate your data sources to improve data quality and access in a [modern data platform](#) that's open and modular.
- Enrich data with easy-to-use [AI services](#) with prebuilt models for developers, data scientists and business users.
- Eliminate complex administration for any size organisation with AI embedded in the industry's only [autonomous database](#).
- Simplify lakehouse architecture with [MySQL HeatWave](#), which combines transactional and analytical data processing with built-in ML for performance querying of object storage.
- Shorten [analytics](#) workflows with integrated data preparation and visualisation for greater IT efficiency and self-service.
- Deploy in Oracle EU Sovereign Cloud or in a [distributed cloud](#) to help meet data residency, sovereignty and connectivity requirements and regulations.



[10 AI use-cases to help improve productivity and increase sales](#)

Deutsche Bank 

€100M+

cost savings and 50% less energy use with a hybrid cloud



Build innovative applications with AI faster and for less on OCI


- Create and train robust ML models, including [generative AI](#), with supercomputing performance and scalability.
- Build a [supercluster](#) with up to 32,768 GPUs on a high performance, low-latency network that can run large language models.
- Develop [cloud native](#) apps with open source tools such as Java, Kubernetes, Postgres and Python for fast time to value.
- Rapidly [build new apps](#) on open source MySQL platforms or in low-code APEX on Oracle platforms with minimal assistance.
- Break down silos across back-office, industry-specific and custom applications with a [complete cloud platform](#).


Exit your data center to innovate and reduce costs with OCI

- Move a workload to the [cloud](#) to lower capital and operational costs with less infrastructure while gaining more control.
- Modernise legacy [Oracle](#) or [non-Oracle workloads](#) for more automation and capabilities that allow you to get to market faster and meet demand fluctuations and help improve profitability.
- Virtualise capacity with flexible and affordable [compute services](#), including bare metal instances, VMs, containers and serverless.
- Safeguard data and mitigate risks via [security services](#) for privacy, encryption and cyberthreat protection.
- Enable and expand [authorised data access](#) and [sharing](#) along with analytics using streamlined business processes to foster collaboration and synergies.
- Address your regulatory and sustainability goals with more than 70 global and industry [compliance programmes](#).

Modernise your IT estate with Oracle's distributed cloud for more control, faster innovation and a familiar UX

- A single control plane provides a unified end-to-end experience across your Oracle Cloud ecosystem.
- [Public cloud](#) consists of more than 44 regions in 23 countries and offers a consistent set of more than 100 cloud services, with consistent, low service [pricing](#) worldwide.
- [Multicloud](#) solutions let you combine OCI services with other vendors' clouds to optimise cost, functionality and performance.
- [Hybrid cloud](#) offerings, such as Oracle Exadata Cloud@Customer and Oracle Compute Cloud@Customer, provide a highly optimised and managed database in your data centre.
- Gain full-stack visibility and [management](#) for hybrid and multicloud environments with continuous monitoring and anomaly detection.
- [Dedicated cloud](#) solutions provide Oracle public cloud services in a self-contained, independent cloud region in your data centre.



 **estuda.com**

300x

faster performance of queries
at 85% less cost

Develop and run innovative solutions on OCI while reducing your environmental impact

- OCI is committed to building a [clean cloud](#) and providing technologies to enable a sustainable future.
- OCI manages and maintains a very dense computing environment, attaining much higher utilisation rates than an organisation can achieve with an on-premises system.

100%

of OCI data centres in Europe are powered by renewable energy

99.9%

of retired hardware we recycled and reused

46%

of OCI global energy usage was renewable in 2021

Our goal is to achieve

100%

renewable energy use in all our OCI data centres by 2025





What success looks like for CIOs

- Achieve a cohesive architecture and a flexible distributed cloud strategy to build and modernise any workload and run any application faster and more securely for less while complying with regional data regulations.
- Accelerate AI adoption by creating intelligent apps that leverage familiar open source and industry-standard tools to improve productivity.
- Improve transparency and decision-making by seamlessly incorporating prebuilt AI into workflows and day-to-day analytics.
- Monetise data with a unified platform that collects, curates and manages all data, analytics and assets.
- Enhance security and reduce risk by applying adaptive, prescriptive and integrated tools.
- Meet environmental sustainability goals with clean tech and help fulfill local and regional compliance regulations.

Why Oracle is the right partner for you

- Oracle offers a complete end-to-end platform for AI with advanced built-in security, best-in-class data management and a comprehensive portfolio of cloud apps to address any business problem.
- Automatically secure, tune and scale your apps with autonomous services.
- Get superior price-performance.
- Easily migrate critical enterprise workloads to the cloud.
- Get everything you need to build cloud native apps.
- Benefit from the most support for hybrid cloud strategies.

Take the next step to move your AI vision forward

CIOs have the opportunity to lead the charge across their organisation to drive successful business outcomes. Oracle brings expertise, experience and technology to help you navigate this transformative landscape. Let's talk.

Learn more

[Explore Oracle Cloud](#)

[Request a demo](#)

[Strategies for the CIO](#)

[Learn why customers choose Oracle](#)

Connect with us

Call +44 207 5626 823 or visit oracle.com/uk/corporate/contact/

Outside United Kingdom, find your local office at oracle.com/emea/corporate/contact/

Copyright © 2023 Oracle, Java, MySQL and NetSuite are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners. This document is provided for information purposes only, and the contents hereof are subject to change without notice. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document, and no contractual obligations are formed either directly or indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without our prior written permission.

