ORACLE

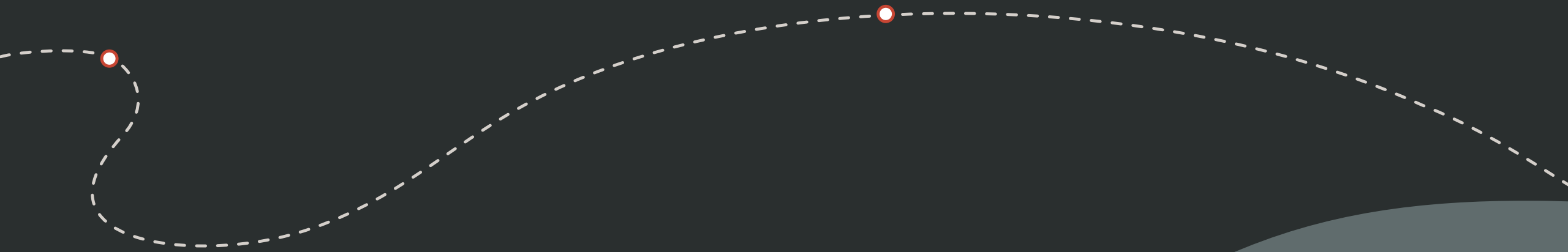
Oracle AI Playbook

For Healthcare

Modernizing health technology, transforming healthcare

Healthcare

Organizations cope with a multitude of challenges, including financial and operational efficiencies, physician and nurse burnout, and the relentless quest for optimal patient care. They must innovate care, drive efficiencies, optimize supply chains, prove new treatments, and effectively manage resources. Technology modernization and enhanced data insights are critical for organizations to get a comprehensive picture necessary to empower enhanced engagement, decisions, care, and outcomes for all.



Copyright © 2026, Oracle and/or its affiliates

Key imperatives for healthcare

1. **Empower frontline providers** to work at the top of their license and focus more on patients and less on computers, supported by the power of generative AI and modernized applications.
2. **Optimize patient experiences** to foster seamless collaboration across care teams, provide convenient access to care, and support personalized health management.
3. **Transform business operations** to drive efficiencies, optimize contract performance, centralize intelligence, and streamline revenue cycle management for a healthy bottom line.
4. **Connect systems of care** to improve and connect systems of record, intelligence, and engagement and empower people to take meaningful action.

Copyright © 2026, Oracle and/or its affiliates

Forces shaping the healthcare industry

Industry challenges

Limited time for patient care

Clinicians are overwhelmed by EHR demands and administrative tasks, limiting time with patients.

Navigating healthcare is overwhelming

Patients and providers must navigate complex systems, administrative burdens, and inefficiencies that complicate care.

Slow innovation and system inefficiencies

Delays in drug development, supply chain disruptions, and rising costs hinder healthcare's agility and responsiveness.

Data and security challenges

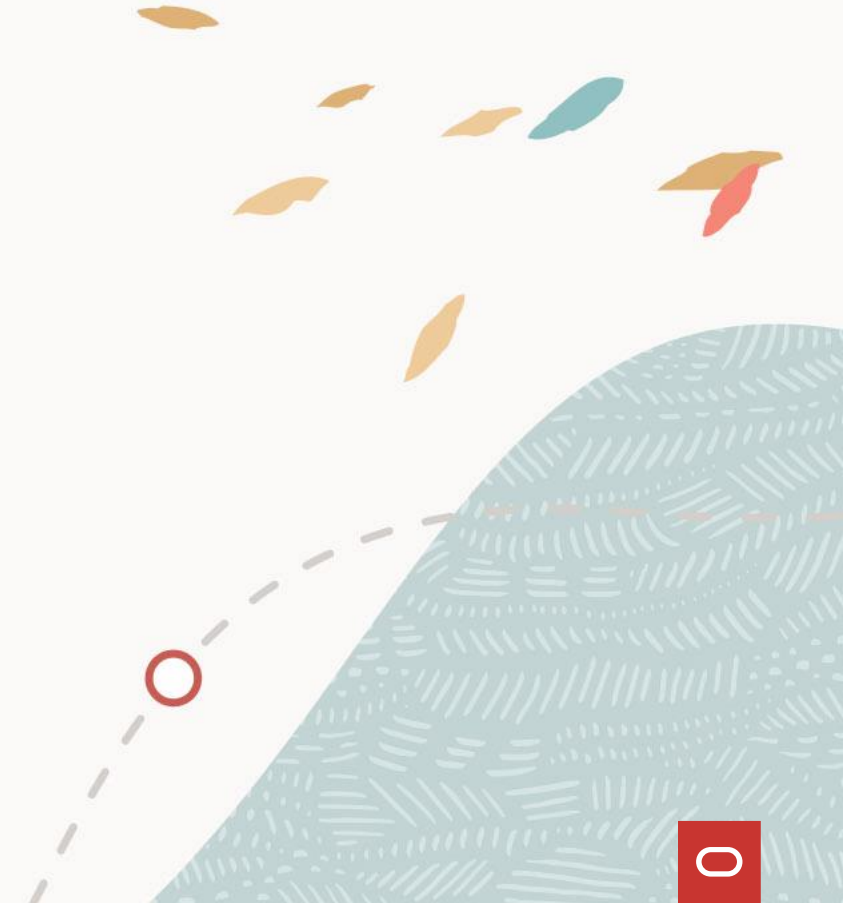
Data is abundant but hard to harness for meaningful insights, and cybersecurity threats put patient information at risk.

Copyright © 2026, Oracle and/or its affiliates

Forces shaping healthcare industry

Vision of success

1. Empower frontline providers ❯
2. Optimize patient experiences ❯
3. Transform business and clinical operations ❯
4. Connect systems of care ❯
5. Start your journey ❯



Copyright © 2026, Oracle and/or its affiliates

1: Empower frontline providers

Leading organizations should empower frontline providers to work at the top of their license and focus more on patients and less on computers with the help of generative AI and modern technology.

Recommended actions:

- Invest in modernizing your technology stack and move to a near real-time cloud that connects payers, providers, patients, and life sciences organizations.
- Explore how next-generation EHRs can transform healthcare.

How to get started:

- Use AI for summarization to save time and let providers focus on more strategic work.
- Use machine learning to review patient data to help clinicians tailor treatment plans.
- Use AI agents in areas such as documentation, charting, and medication order management.

Oracle capabilities enabling strategic goals

Copyright © 2026, Oracle and/or its affiliates

2: Optimize patient experiences

Help foster better collaboration across care teams, provide convenient access to care, and support personalized health management.

Recommended actions:

- Take advantage of AI recommendations to augment decision-making for hospital staff and help alleviate manual and error-prone work.
- Leverage integrated solutions, such as virtual appointments, that support convenient access to care and enhanced patient satisfaction.

How to get started:

- Assess your current technology stack to better understand integration issues and data silos.
- Explore how AI can drive efficiencies and results for front-office staff and patients.
- Use data to identify high-value opportunities.
- Use AI-powered chatbots to answer patient questions about medical information and appointments.

Oracle capabilities enabling strategic goals

Copyright © 2026, Oracle and/or its affiliates

3: Transform business and clinical operations

Help drive efficiencies, optimize contract performance, centralize intelligence, and streamline revenue cycle management for a healthy bottom line.

Recommended actions:

- Optimize financial outcomes with insights and automation.
- Adopt a real-time health system model.
- Modernize supply chain and human capital management across the ecosystem.
- Use machine learning to identify biomarkers and patient subpopulations.
- Leverage AI to forecast patient recruitment and to predict challenge in trials.

How to get started:

- Assess whether your financial system is serving your current needs.
- Explore agentic AI for key business processes such as finance, procurement, and supply chain.
- Determine whether you have the centralized intelligence you need to operate efficiently.

Oracle capabilities enabling strategic goals

Copyright © 2026, Oracle and/or its affiliates

4: Connect systems of care

Help improve protection for sensitive data and help safeguard against cyberattacks.

Recommended actions:

- Migrate to cloud technology to help improve approach to security updates, compliance, and protection against cyberattacks.
- Track and measure adherence to changing compliance requirements.

How to get started:

- Learn how third-party audits can provide assurance about cloud security and compliance.
- Learn about migration options.
- Plan for cloud modernization and tech stack rationalization.

Oracle capabilities enabling strategic goals

Cloud infrastructure | Data integration | Data lakehouse | FHIR | Analytics | AI services

Copyright © 2026, Oracle and/or its affiliates

Internal questions to get going

Data

Do we have the data we need? Where does it exist?

Do we have access to our data in near real time?

How well integrated are our systems?

Change management

Are staff able to focus on what matters most and spend less time on paperwork and data entry?

What kind of training and support will our teams need to administer and adopt modern technology?

Do we have the appropriate resources in place?

Operations

What kind of analytics and AI can yield fast results?

What are the biggest regulatory and compliance risks we regularly face?

Are we able to run efficiently with strong payer-provider connections and minimal waste?

Copyright © 2026, Oracle and/or its affiliates

Oracle Health and Life Sciences

Comprehensive solutions for healthcare innovation

Oracle Health and Life Sciences

Clinical	Revenue cycle	Enterprise	Life sciences	Payer
Ambulatory and acute care	Health information management	Enterprise resource planning	Study startup	Data exchange
Service lines and departments	Patient administration	Financial management	Clinical trial management	Prior authorizations*
Continuum of care	Patient accounting	Health system operations	Clinical data capture and randomization	Near real-time claims*
Interoperability	Payments	Human capital management	Safety	
Population management		Supply chain management	Real-world data	
Patient engagement		Workplace health and safety	Commercialization*	

Unified data and analytics, embedded AI

Global distributed cloud	Public	Dedicated	Multicloud	Hybrid	More than 150 cloud services

Oracle Cloud Infrastructure

*The content is intended to outline our general product direction. It is intended for information purposes only and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and it should not be relied upon in making purchasing decisions. The development, release, timing, and pricing of any features or functionality described for Oracle's products may change and remains at the sole discretion of Oracle Corporation.

Copyright © 2026, Oracle and/or its affiliates

Why Oracle?

Complete Suite

Best-of-breed apps designed and built based on customer needs—with AI throughout.

Industry-specific apps, finance, HR, supply chain, manufacturing, marketing, sales, service, and analytics built to work together.

Best Cloud Technology

Next-generation Oracle Cloud Infrastructure (OCI) with the performance, security, and availability to run your mission-critical operations.

Cloud regions worldwide for commercial and government needs.

Award-Winning Design

Award-winning consumer-grade+ user experience built with Redwood Design System.

The same tools for all developers to easily personalize, extend, and build applications.

Self-learning and self-improving applications.

Committed to Your Success

Oracle Customer Success Services helps you maximize your cloud investment with proactive support, expert guidance, and comprehensive tools and best practices.

Copyright © 2026, Oracle and/or its affiliates

Oracle AI Success Navigator

Unlocking the Full Potential of Oracle Cloud Applications with AI-Driven Best Practices

Achieve cloud transformation objectives

Leverage Oracle standards with AI guided actions, role-level ownership, and accountability across your team, Oracle, and your SI

Make confident design decisions

Oracle Modern Best Practice and Oracle University learning modules deepen understanding and reduce customization risk, while hands-on practice through Starter Configuration helps drive experience-based decisions

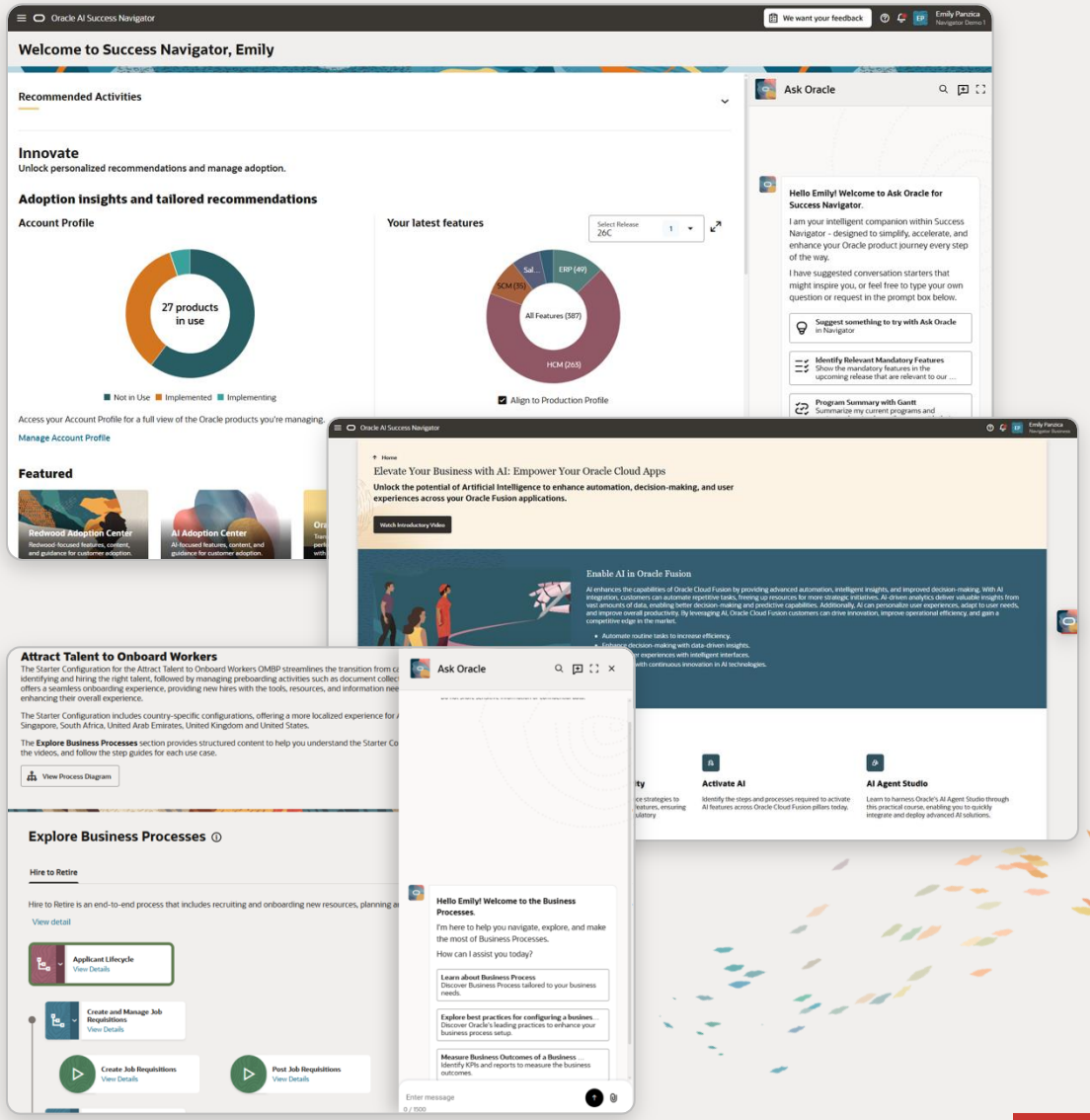
Increase your investment's value with AI innovations

Accelerated process optimization and AI-driven recommendations maximize value of your Oracle investment, while consolidated release materials with customizable adoption roadmaps drive business and IT alignment

Leverage AI every step of the cloud journey

AI agents shape your journey and provide strategies for ongoing evolutions, so teams can focus on the differentiating, higher-value work

ORACLE
AI Success Navigator



Copyright © 2026, Oracle and/or its affiliates

Co-innovate with Oracle to turn business challenges into AI solutions

Oracle's AI co-innovation motion brings Oracle product engineers, industry experts, and adoption expertise together with customer teams.

Bring your AI use case

Solve priority problems with measurable value

Co-innovate in pods

Partner with experts to understand workflow, data and requirements

Prototype-pilot

Build quickly and prove impact against KPIs

Sustain innovation

Evolve validated solutions beyond the pilot

Customer outcomes

Working production solution

A priority workflow built and run in your environment

Measured value

Progress tied to a North-Star KPI, not just a demo

Enterprise-ready execution

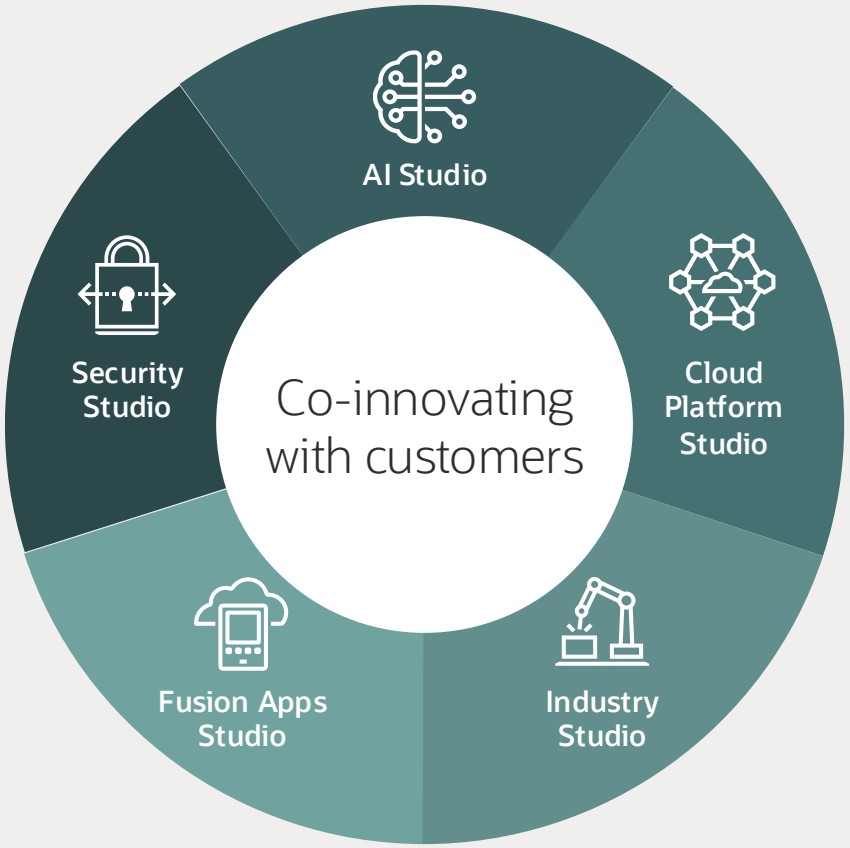
Security, run-readiness guardrails and full telemetry

Direct product influence

Validated learning informs reusable capability and future product direction

Copyright © 2026, Oracle and/or its affiliates

Driving value realization with CSS innovation studios



Accelerate Value Realization

Optimize business processes, minimize human error, and streamline labor-intensive tedious tasks through customer-centric industry solutions

Drive Innovation Adoption

Leverage Design Thinking workshops and MVPs to prioritize Oracle innovations and AI relevant for your business and then scale to production

Maximize Investment

Gain the benefits of AI, data infrastructure, and applications with CSS solutions, best practices, and guidance

Delivery Advantage

FDE approach blends functional, technical, and AI specialists to accelerate end-to-end delivery—from business design to scalable, value-led deployment.

Copyright © 2026, Oracle and/or its affiliates

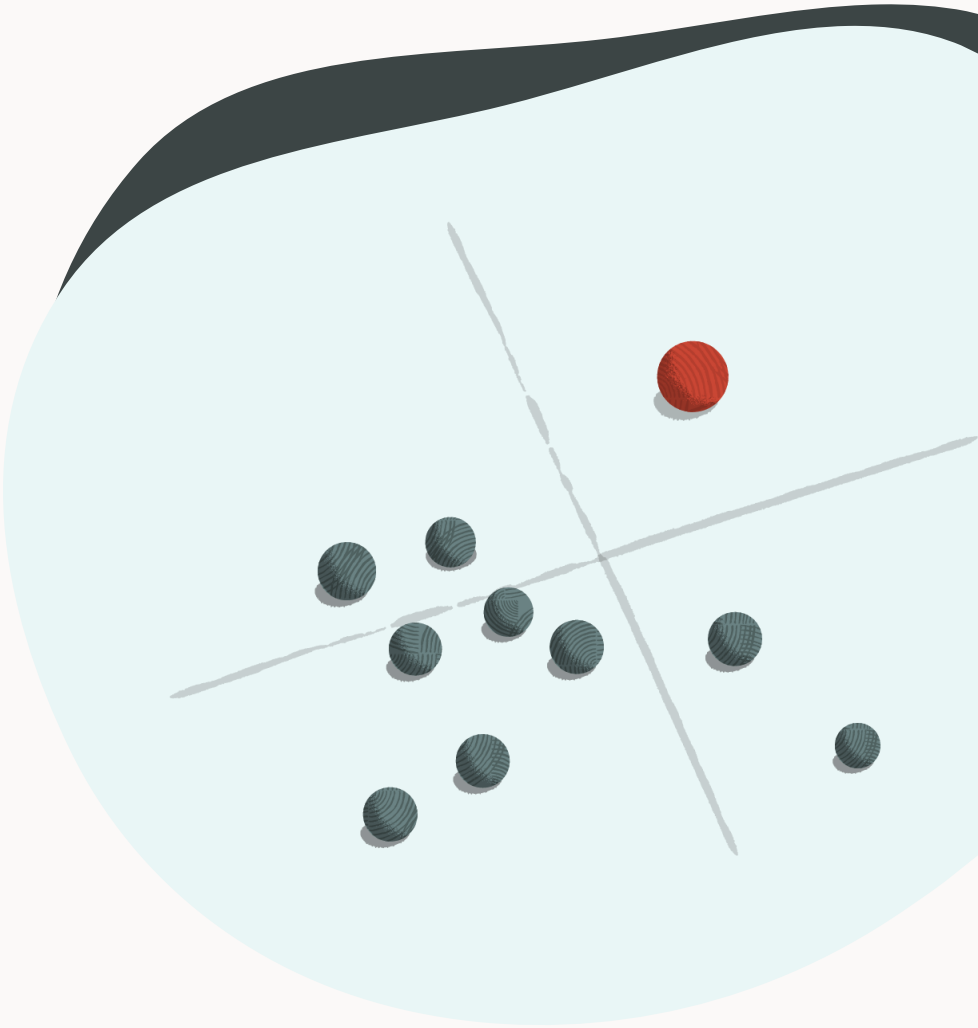
Extensive partner ecosystem

+20,000

Partners and ISVs

Copyright © 2026, Oracle and/or its affiliates

Consistently recognized leader in industry analyst reports



Discover the latest reports, research, and news from top analyst firms such as Gartner, IDC, Forrester, and Omdia.

Visit oracle.com/corporate/analyst-reports

Copyright © 2026, Oracle and/or its affiliates

Take the next steps to move forward

To learn more, please visit:

oracle.com/health

Copyright © 2026, Oracle and/or its affiliates