



Transforming the future of the healthcare

by reducing costs and positively impacting
outcomes

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Healthcare Is Changing

\$24 Trillion

Global healthcare spend is expected to more than double from \$9 to \$24 trillion by 2040.

Key Industry Disruptions

View of Health

Cost of Care

Consumerism

Healthcare Outlook 2025

View of Health

- Holistic view of care to include all determinants that impact health
- Reforms that emphasize primary care & prevention/population health
- Increased emphasis on elder/chronic care

Cost of Care

- Shift from acute “sick care” towards true prevention and wellness care
- Emphasis on care coordination, tighter quality-cost integration
- Continued shift away from fee-for-service towards value-based care

Consumerism

- Growth of the virtual hospital
- Increased locations of care (urgent care, wellness clinics, transfusion centers) offering more complex services
- Personalized guidance and long-term interaction strategies

2x number of seniors age 65+ expected to double and exceed 10% globally by 2025.

9,4% of GDP among EU28 is invested on health services.

52% of patient transactions are now online, virtual or via an app.

New Technologies Are Emerging

Autonomous Capability

Automated patching, upgrades, and tuning, while the system is running, without human intervention.



Internet of Health Things (IoHT)

From remote patient monitoring to medication adherence, most believe we are just scratching the surface of innovation.



Blockchain

Blockchain has broad implications, including the ability to simplify and improve security and accuracy for cumbersome, inefficient processes.



AI & Machine Learning

With the ability to recognize patterns in large volumes of data, opportunities exist for cost reduction and improved outcomes.



80%

of healthcare organizations view ML as an opportunity for innovation.

What are the types of questions data analytics could help answer

- How can we identify patients with a high-risk profile for certain diseases before they present with symptoms?
- How can we better prevent chronic conditions?
- What are the best care pathways to manage patients?
- How can we better identify patients appropriately for clinical trials?
- What is the best way to model the relative impacts of different healthcare interventions?
- How can we reduce costs and wastage?
- What is causing high readmissions in specific groups?
- Which treatment protocols produce better or worse results in different patient segments?
- Why patient satisfaction ratings are low in certain groups or units or regions?
- How can we reduce waiting lists?

Identifying inefficiencies

1 Million

Patients, every
36 hours

-7%

Reduced antibiotic
prescription

\$717M

of savings in first 2 years, resulting in more
cost effective treatments and better patient
outcomes.

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NHS

CUSTOMER PERSPECTIVE



The NHS sits on billions of data points that have the potential to deliver tremendous value to the wider healthcare system when combined and analyzed effectively.



Nina Monckton, NHS Business Services Authority

Reducing waiting lists



14

Hospitals

158k

Patient Discharges

360° Patient View

View across systems to analyze demographics, chronic conditions, procedures, visits & cost



CUSTOMER PERSPECTIVE

Our analytics reduced patient wait times, increasing patient satisfaction, while also standardizing antibiotic prescriptions based on diagnosis analysis to improve quality of care.



Find the right clinical pathway

28,167

Hospital admissions

1.4 M

Outpatient clinic visits, treatments and procedures

Weeks to Minutes

Reduced the amount of time spent assembling data for analysis from weeks to minutes

ORACLE®

THE UNIVERSITY OF TEXAS
MDAnderson
Cancer Center
Making Cancer History®



CUSTOMER PERSPECTIVE

Funding for Healthcare is going to decrease. We are going to move into a future where high cost providers will not survive.



Gain cost insight

4 Billion
Patient Records

50
Hospitals
829
Clinics

Cost Insight

To drive decision making and understand the true costs of episodes of care for a population



CUSTOMER PERSPECTIVE

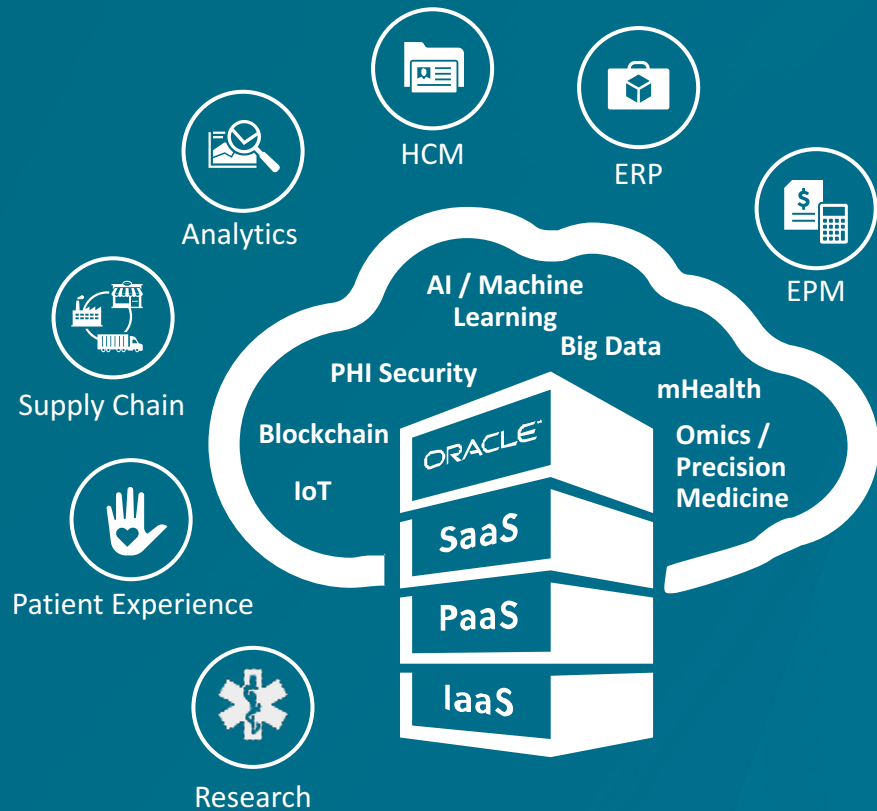
Consolidated financial, payroll, supply chain, patient accounting and clinical information from multiple sources.

Combined with structured analytical tools and processes, changed raw, disparate data into actionable information.



The Oracle Cloud for Healthcare

Tomorrow's Healthcare, Today



Insight to Improve Outcomes

Enable Innovation

Transform to Drive Value

Complete, Compliant, Secure

Oracle in Healthcare

\$6+BN

R&D Investment
Annually

6,400+

Customers
Globally In Healthcare

40K+

Developers
Across The Globe

25,000

Partners
In The Oracle Ecosystem

2,000+

Customer Success
Managers

17K+

Patents

Payers

**IDNs &
Hospitals**

**Academic
Medical Centers**

**Specialty
Care**

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