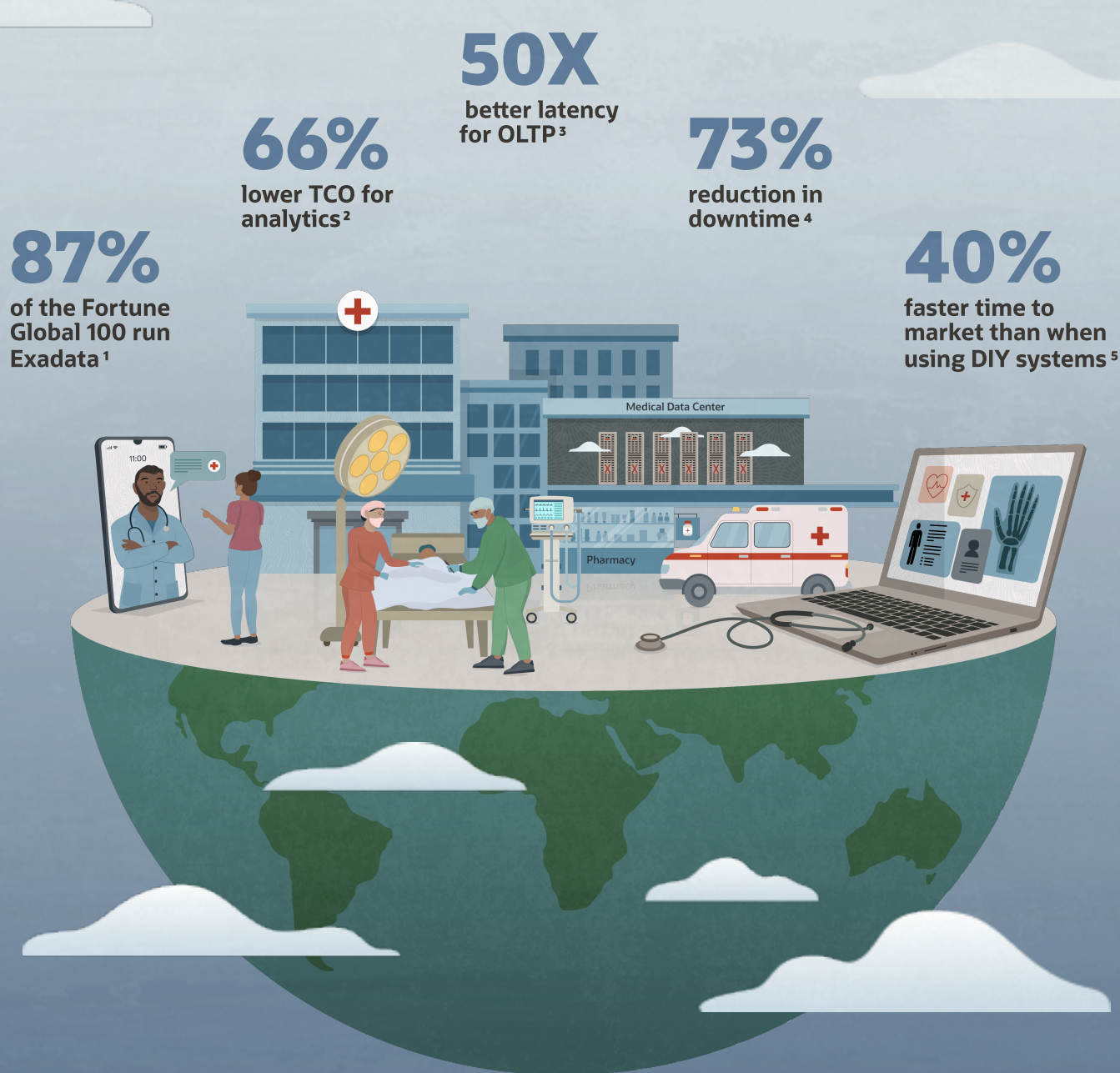ORACLE
CLOUD
Infrastructure

Improving healthcare data management with Oracle Exadata

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To meet your healthcare business needs, Exadata delivers industry-leading performance, scale, availability, and security for Oracle Database workloads.

50X
better latency for OLTP [3]

66%
lower TCO for analytics [2]

73%
reduction in downtime [4]

87%
of the Fortune Global 100 run Exadata [1]

40%
faster time to market than when using DIY systems [5]

Healthcare use cases

Healthcare organizations worldwide use Exadata to manage massive amounts of data, keep it safe, and analyze it to improve patient outcomes—all while keeping costs under control.

Electronic health records
Improve patient and clinician user experiences with fast and reliable access to secure, up-to-date, private information.

Predictive analytics
Improve patient outcomes and reduce community health risks by identifying potential problems before they occur.

Fraud detection
Rapidly identify fraudulent transaction risks with real-time analysis of enterprisewide data using graph analytics.

Telemedicine
Provide more timely care remotely and lower expenses for patients and providers.

Back-office automation
Improve productivity and lower costs by running databases faster with higher availability and less administration.

Research
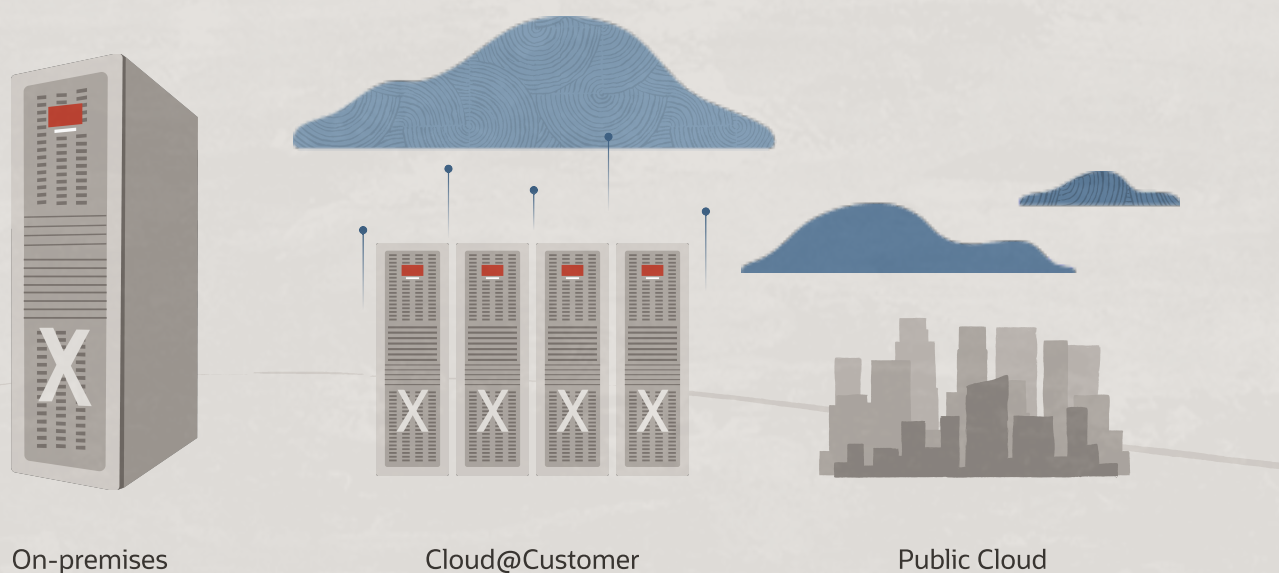Evaluate the efficacy of different treatments to improve the quality of care and reduce costs.

"Oracle's family of Exadata X9M systems gives organizations levels of database performance, scalability, security, and price that no other technology provider can match in either cloud or on-premises deployments."

Bob Evans, Founder, Cloud Wars

Read the report

Cloud and on-premises identicality

Exadata lets healthcare organizations develop, run, and easily relocate workloads wherever their business demands. Use Oracle Autonomous Database and Oracle Exadata Database Service in Oracle Cloud Infrastructure (OCI) regions, or run them in your data centers on Oracle Exadata Cloud@Customer to meet data residency and privacy requirements.

On-premises   Cloud@Customer   Public Cloud

"The Identicality of Oracle Exadata is unmatched in the industry, with all other next-generation computing platform providers offering a lesser degree of Identicality—typically with a fairly substantial gap between the cloud-based and the on-premises capabilities."

Holger Mueller, Vice President and Principal Analyst, Constellation Research

Read the report

Learn more

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Exadata combines high performance, scale, and availability with elastic scaling and pay-per-use economics. It enables healthcare organizations to improve patient care with rapid data access and lower costs by moving operations to cloud infrastructure in OCI regions and Exadata Cloud@Customer in their data centers.

Learn more   Read the healthcare services brief

1 Constellation report: www.oracle.com/a/ocom/docs/oracle-exadata-x9m-rapid-enterprise-accelerator-report.pdf
2 Wikibon: www.oracle.com/a/ocom/docs/database/wikibon-real-time-analytics-revolutionize-data-warehousing.pdf
3 Forbes: https://www.forbes.com/sites/moorinsights/2021/04/26/oracles-new-exadata-x9m-looks-disruptive/?sh=28ba01be3ebe
4 IDC: www.oracle.com/mother/database/mother/wikibon-ocom/idc-paper-exadata-cloud
5 IDC: www.oracle.com/a/ocom/docs/agreement-systems/exadata/idc-evpic-customer-interviews-complete-version.pdf