ORACLE

Data Management for All

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April 2022

Safe Harbor Statement

The following 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 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.

of the
FORTUNE Global 100 Companies
rely on the Oracle Database

FORTUNE
100

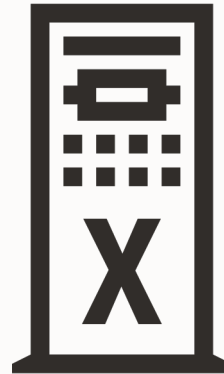# Oracle Data Management **Objectives**

Lead database software, infrastructure and cloud innovation

Software

Fastest, most scalable, secure & reliable converged SQL database

Infrastructure

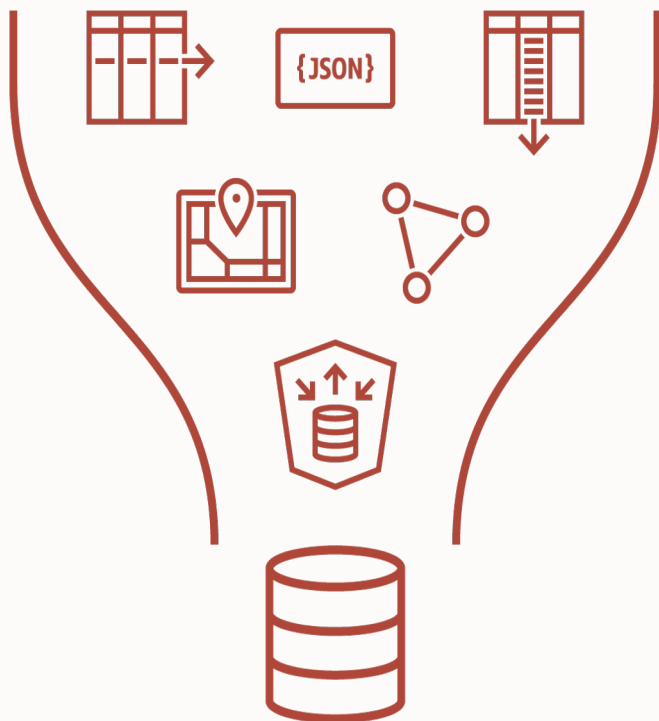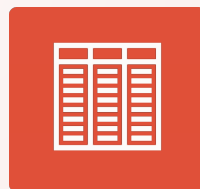Best platform for transactional, analytic & mixed workloads

Cloud

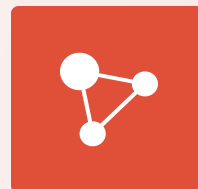Automate everything for DBAs, developers, data analysts & scientists

Oracle Database
A Converged **Multi-Model**, **Multi-Workload** Data Platform

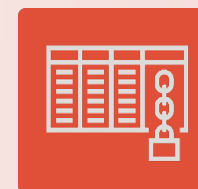Best-of-Breed Relational, JSON, Cube, Graph, Spatial, Text, Event, Blockchain
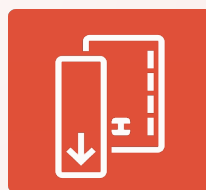
Relational	Graph	Documents	Blockchain	Geospatial

High Performance Transactions, Analytics, ML, IoT, Data Mesh, Multitenant

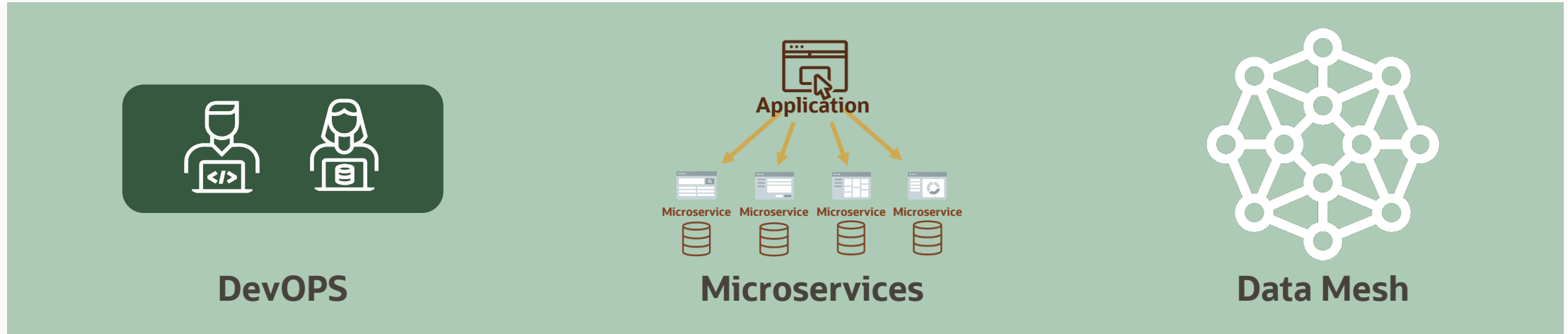| Transactional	Analytical	IoT	Machine Learning	Microservices
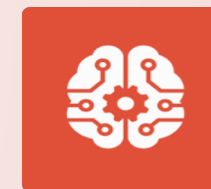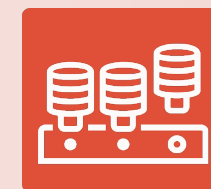
Cross-model operations and deep optimizations enable you to easily create value across all your data

Oracle Database
Fulfilling the **new challenges** for Data Architecture

DevOPS   **Microservices**   **Data Mesh**

Application

Microservice   Microservice   Microservice   Microservice

- Oracle provides the ability to simplify the orchestration of database deployments using Kubernetes
- Oracle Multitenant implements the container concept natively in the database
- Implement Data-as-a-Service using Oracle Rest Data Services
- Use Transactional Event Queues between Oracle databases & Kafka for heterogeneous services
- Use GoldenGate to enable Data Mesh and publish and consume data in real-time

Low-Code - Database Native APEX

Oracle's free APEX low-code IDE dramatically simplifies App Dev

With APEX, enterprise Apps can be **generated rather than coded**

APEX **unifies the App Tier and Data Tier**

- Increases agility by eliminating the headaches of coding and managing middle-tiers
- No more app tier state or connection management, or mapping app types to DB types

Low-code simplicity enables tech savvy **domain experts** to **create their own apps** or Data Mesh "data products", further decentralizing Tech

APEX Apps use Rest Data Services to communicate with other decentralized apps

**Over 2 Million APEX Apps Exist Today
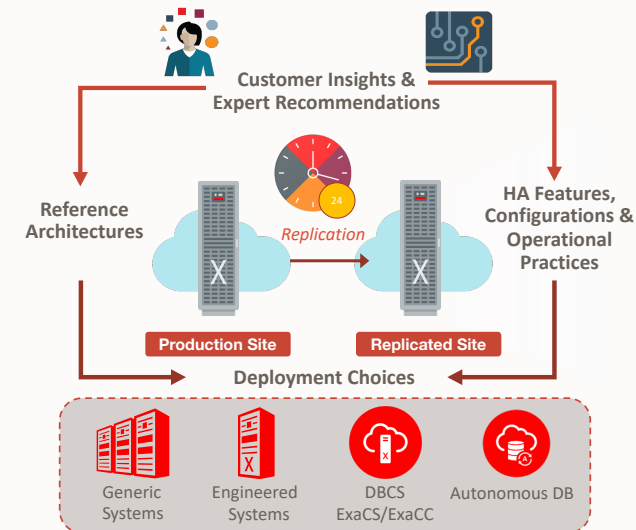3K New APEX Apps Developed Every Day**

Oracle Database
Keeping the data secured and available

Multi-layer protection for data and applications

- Built-in, integrated security and secured by design approach
- Secures data and establishes trust for applications & users
- Mitigates risk and strengthens security posture with defense in depth
- Supports cybersecurity framework implementations (NIST, ISO, CIS, CARTA)

From single instance to 99.999% Availability

- Maximum Availability Architecture (MAA) provides architecture, configuration and best practices to address all types of downtime
- Solution for every tier and flavor: multiple data centers, clustering, replication
- **Oracle Exadata** is engineered to be the highest performing and most available platform for running Oracle Databases.

Oracle Database is available everywhere

On-Premises

Commodity Hardware

Engineered Systems

3rd Party Clouds

vmware

Cloud@Customer
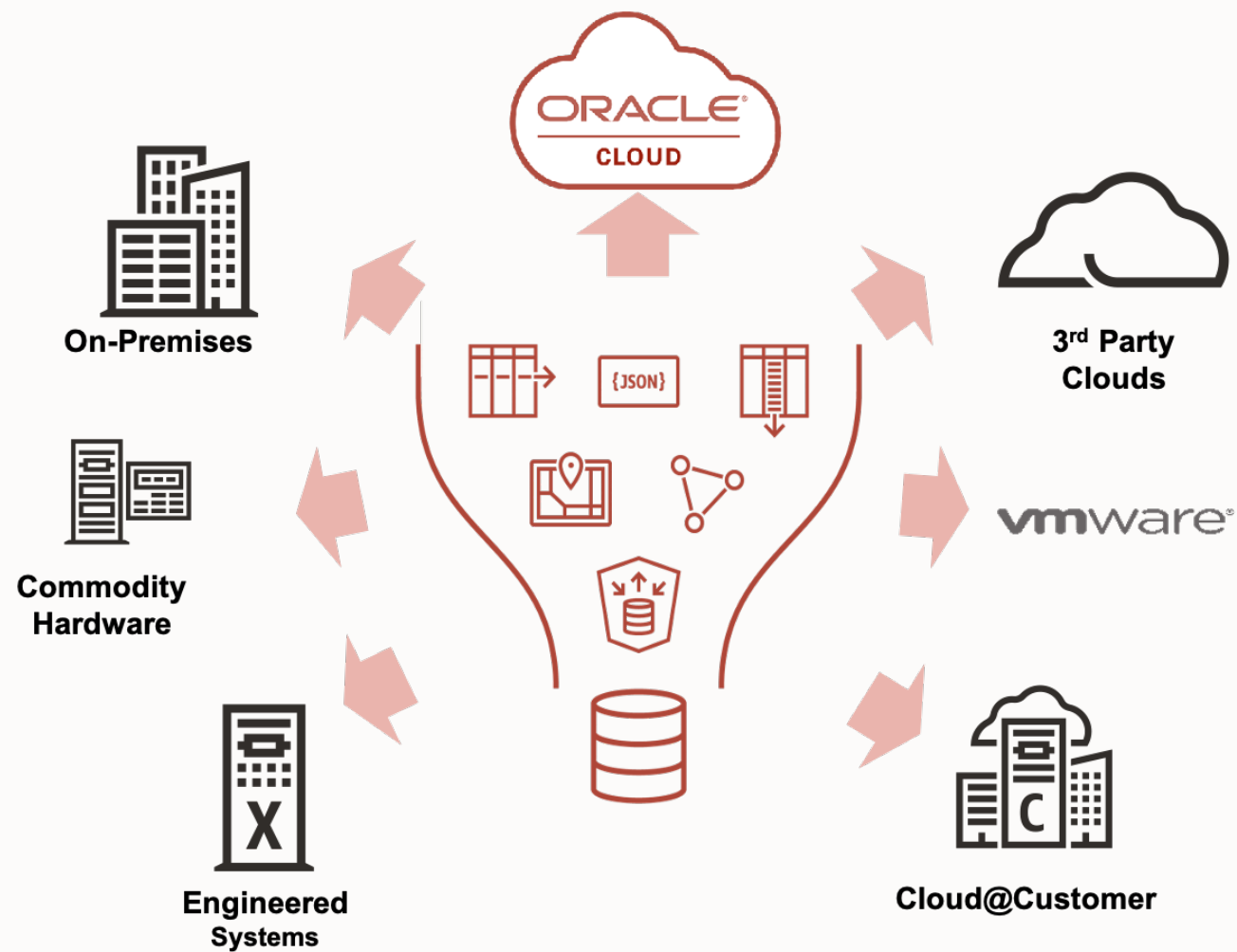
Oracle's converged database - enabling the data-driven enterprise
Summary

Do more with less

A **unified approach** to data management means more opportunity for **data synergies,** and less maintenance overhead

Shorten time to value

Accelerate application development – with **easier data access** and support for the **latest development methodologies**

Modernize workloads

Flexible deployment options to meet your specific needs, and **ease of movement** between those deployment options