EXECUTIVE SUMMARY:

The Business Value of Oracle Autonomous AI Database

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BUSINESS VALUE HIGHLIGHTS

$4.9 million
average annual benefits
per organization

436%
three-year return on investment

5-month
payback on investment

48%
more efficient IT
infrastructure team

66%
more efficient DBA team

65%
less time required to keep
the lights on

18%
more productive developers

20%
more productive
analytics teams

91%
reduction in unplanned
downtime

39%
less time for analytics teams
to run queries

$12,146,369
average additional
annual gross revenue per
organization

Oracle Autonomous AI Database is the
mission-critical database engine that the largest
and most vital enterprises in the world trust with their
most important data and applications.

Oracle Autonomous AI Database provides a fully automated and managed Oracle
Database service, enabling global organizations to migrate and run any workload
securely, from the simplest to the most mission critical. It runs on top of Real
Application Clusters on Oracle Exadata in Oracle Cloud Infrastructure (OCI),
providing the highest performance, availability, security, and scalability. In addition
to scaling up to handle the most demanding applications, it also scales down to
handle small workloads with as few as two elastic ECPUs. **Continue reading ▶**

Oracle Autonomous AI Database is a cloud-based system that automates routine management tasks, such as provisioning, tuning, security updates, and recovery. It offers features that support scalability, availability, and compliance in cloud-native environments. Oracle Autonomous AI Database is available in a wide variety of deployment options, including Exadata Cloud@Customer, Oracle Cloud Infrastructure Dedicated Region, and multicloud on OCI, Microsoft Azure, Google Cloud, and AWS datacenters. To measure the impact of Oracle Autonomous AI Database, IDC carried out a global business value study of Oracle Autonomous AI Database customers. This white paper presents the detailed outcomes of that study.

IDC conducted research that explored the value and benefits for organizations using Oracle Autonomous AI Database to optimize data management and operational efficiency.

Based on an extensive data set and employing a specialized business value methodology, IDC calculated that these customers achieved benefits worth an annual average of $4.9 million per organization and a three-year ROI of 436% by:

- Boosting the productivity of IT infrastructure teams to optimize organizationwide IT service and resource delivery

- Improving the overall efficiency of DBA teams to ensure optimal database performance for internal end users

- Enhancing the productivity of developers to improve the timely delivery of business-critical applications for end users and customers

- Lowering instances of unplanned downtime and remediating events more quickly when they occur to optimize productivity

- Saving costs with elastic pay-per-use pricing and the autoscaling of databases

- Improving business operations and results

Read the full white paper

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