

White Paper

The Real-World Business Value of Oracle Autonomous Data Warehouse

Sponsored by: Oracle

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EXECUTIVE SUMMARY

To address the mounting complexity and almost paralyzing amount of effort required to mount and maintain an enterprise data warehouse, Oracle is offering to its customers a machine-learning powered, self-managing data warehouse system called Oracle Autonomous Data Warehouse (ADW), which runs in Oracle Cloud Infrastructure (OCI). IDC investigated the benefits realized by a global list of Oracle ADW customers by conducting a business value study to determine both cost savings and business benefits realized by the use of Oracle ADW. This white paper details the results of that study.

IDC interviewed organizations in multiple countries about the benefits derived from using Oracle ADW in a variety of industries. Based on its findings, IDC estimates that the Oracle cloud data warehouse platform will generate annual benefits worth an average of \$2.04 million per organization (\$39,527 per 100 users) by:

- Enabling more efficient and productive data analytics, application development and IT staff
- Increasing the productivity of database administrators
- Empowering organizations with greater agility, easier scalability and more robust stability to better support business units and increase revenue
- Optimizing the use of resources to reduce the cost of operations and the IT infrastructure
- Minimizing unplanned downtime to increase user productivity
- Improving the productivity of business users and analytics teams
- Increasing revenue from improved business operations

Business Value Highlights

- 417% five-year ROI
- 63% reduced total cost of operations
- Five months to payback
- 68% more efficient database administrators
- 84% more efficient IT infrastructure management
- 45% reduction in IT infrastructure costs
- 94% reduction in unplanned downtime
- 27% more productive data analytics teams
- 33% more productive application developers

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