

## SOLUTION BRIEF

# Simplify with Pure to Optimize Oracle

Add Pure Storage® solutions to your Oracle environment to simplify and improve the value of your Oracle data.

Installation and upgrades, monitoring performance, planning for the future, and keeping data secure are challenges that can significantly impact your organization as you work to implement, maintain and improve Oracle environments. Your storage—and its functionality—is a primary contributor to the success of your system performance. By optimizing your Oracle environment with Pure Storage solutions, your experts can focus on being innovative and proactive while your data remains accessible and secure.

Whether your workload is transactional, data warehousing, or conducting analytics, Pure solutions can simplify your Oracle tasks and improve your system performance. What does this mean for your organization? Pure solutions for your Oracle environment deliver:

- Simplified deployment and management
- Reduced operational costs
- Increased levels of performance, including faster response times for applications and users

Pure Storage is an Oracle partner collaborating directly with Oracle to align technology development and interoperability. In partnership with Oracle, Pure Storage qualifies and supports platforms for key Oracle technologies like Oracle Enterprise Linux, Oracle Virtual Machine (VM), Oracle Solaris, and Oracle Enterprise Manager (OEM).

## A Smooth Path to Widespread Gains

How does Pure Storage FlashArray™ function in the field? The city of [Garland, Texas](#), was facing storage demands that, according to Oracle, would require more than 100 server cores to meet needs. Pure Storage's data-reduction and compression rates accommodated the city's data, increased its input/output (I/O) performance, and reduced the number of required cores from 100 to 16. Not only did the city's reporting and analytics speeds skyrocket, but it also saved \$4 million in Oracle licensing costs annually.



### Reduce Costs

5:1 data-reduction rates and integrated compression and deduplication greatly reduce cost.



### Measure Availability

Proven six-nines availability for the FlashArray™ product, including time for maintenance, failures, and generational upgrades.



### Protect Performance

Your Oracle databases and applications are always available, always performing, and always protected, with no data loss.

## Optimize your Oracle Data Warehouse and Analytics

Compared to other industry solutions, Pure FlashBlade® unified fast file and object storage (UFFO) delivers better time-to-insight, extensive scalability, increased capacity, and rapid analysis of unstructured file and object data, including non-Oracle data (Apache Hadoop, Apache Spark, and others). Pure also delivers a modernized data warehousing solution for Oracle. This brings the benefits of faster insights of data mining while reducing risk and enabling your tech experts to drive innovation instead of performing repetitive, outdated tasks.

FlashStack® with FlashBlade offers benefits for data warehouse implementations, including the following:

- **Increase Extract, Transform, and Load (ETL) Performance:** FlashBlade is the industry's only scale-out storage for modern files and objects, offering a single platform for all data intensive applications. Powered by Purity software, FlashStack with FlashBlade allows enterprises to consolidate workloads and make use of Cisco UCS and Cisco Nexus technologies to build a high performing and efficient convergent infrastructure for data warehousing and analytics.
- **Lower Total Cost of Ownership:** By removing the appliance and cloud approaches, FlashStack with FlashBlade gives you the flexibility to architect the CPU cores based on your business needs, increase storage capacity by adding blades, and have a converged infrastructure that exceeds performance without the high costs.
- **Continue to Share Data Across Applications:** FlashBlade offers a single platform for the data warehouse to share data across applications. Purity software is powered by a massively distributed transaction database, delivering a real scale-out architecture that grows elastically, delivering any data to any client without bottlenecks or hotspots.

## Preserve Business Continuity

Pure helps keep your Oracle data safe with fast, reliable, all-flash backup, restore, and synchronous-replication solutions. Features and capabilities include:

- Compatibility with Oracle Recovery Manager (RMAN), enabling you to manage and monitor all backup operations on Pure arrays from a single interface
- Avoiding catastrophic downtime due to human or natural causes with Purity ActiveCluster™
- Combining Oracle Real Application Clusters (RAC) and Purity ActiveCluster for comprehensive recovery, enabling consistent, efficient business continuity

## Automate Your Oracle Database

The Pure architecture for Oracle databases delivers the levels of performance, availability, consolidation, and security required for your business to expand and grow. What does this mean for your data and, more importantly, your tech experts and organization as a whole?

Faster copy/clone capabilities have demonstrated up to a 90% reduction in the time required to copy/clone production databases, reducing the cost of Oracle Database activities. These included copy, clone, and refresh, which allow database administrators and analysts to focus on innovation and improvements. Support faster test, development, and quality-assurance activities, maintaining data integrity and allowing your organization to make the most of your data. FlashArray includes the unique Pure Storage Copy Automation Tool (CAT) for Oracle at no additional cost. CAT integrates into

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existing workflows with no impact on production databases. The tool's benefits include up to 90% less time to copy and clone, freeing up your DBAs to perform more critical tasks. The Pure Storage CAT for Oracle has a negligible impact on server performance, keeping your data accessible and your performance accelerated.

All projects, including optimization ones, can be complicated. Pure's Professional Services offer consulting, workshops, and services to help you plan and execute these projects. Our Professional Services provide proven and cost-effective methods, processes, and tools.

### Additional Resources

- Learn more about [Pure Professional Services](#).
- Discover our [Oracle integrations](#).

[purestorage.com](https://www.purestorage.com)

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