

Exadata Services

extreme performance 150 times faster with Exadata

change your business with extreme Oracle
database & data warehouse performance



Why Atos Exadata Services?

In recent tests and proof of concepts the Sun Oracle Exadata Database Machine was more than 150 times faster as other Oracle database platforms and has compressed over 10 times the required storage. This Extreme Performance could change your business but will it work for your specific database or data-warehouse landscape? Atos offers you a three step approach to find out if you can benefit from Exadata's extreme performance.

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Does extreme performance matter for your business? We give some examples:

Faster time-to-market

Out-of-the-box extreme performance means using less time for tuning and faster time-to-market.

A very large data-warehouse storage pool of 2000+ discs was tuned and optimized during 1.5 years, but because of the rapid growth of data and new technology the customer had to buy new hardware and start tuning all-over again. Instead they used Exadata and got immediate faster performance, without extensive performance tuning or additional changes of their software.

Breathe with your business

Linear scaling means that Exadata can grow along with your business.

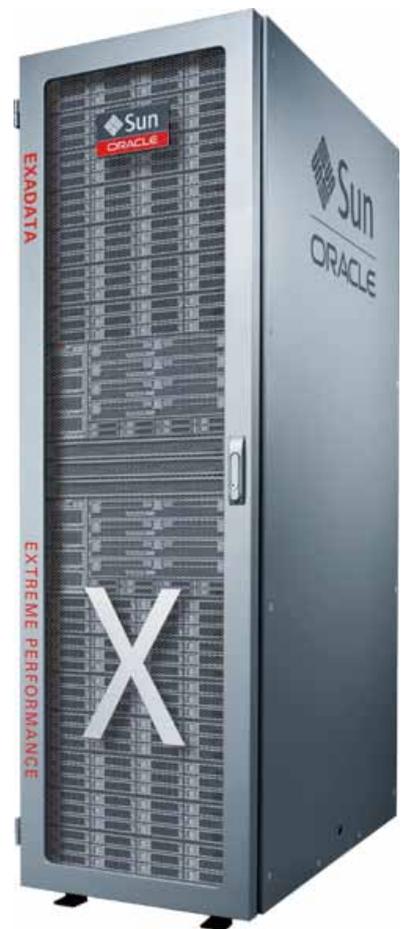
One Exadata machine is tuned to deliver input/output bandwidth of 21 Gigabytes per second. Two Exadata machines deliver two times more bandwidth and you can scale out to any number of machines which means that you do not need architectural changes to get more performance.

Follow the market

Extremely fast data warehouses as part of E-commerce can deliver more business and additional customers. For example web-based online reservation systems it is important to inform customers quickly about availability and prices of holiday accommodations. If these transactions take too long, you run the risk of losing customers during the booking process.

Reduce your TCO and your CO2 footprint

Exadata can reduce your costs and improve your flexibility through database consolidation over data warehouse and online transaction systems. The extreme performance of Exadata makes it possible to use one Exadata machine instead of a large number of other units and consolidate a large number of Oracle databases in one energy efficient box. This will save costs and creates more flexibility by rapid provisioning of new databases on existing hardware.



Exadata is the Oracle database machine entirely designed to maximize performance with standard components out-of-the-box. Our tests have shown radical improvements (150 times) response time improvements for complex queries and batch jobs.

On top of that Exadata Advanced Compression is able to compress 10 times for live data and up-to 50 times for archived data.

One Exadata can replace many other machines and reduces the TCO and CO2 output of your Oracle landscape.

Why Exadata is 150 times faster?

All database functions, flash cache memory and disk storage is integrated in one rack with high speed connections between the modules. Database functionality is off loaded to the storage cells enabling parallel query processing and reducing the network load of the high speed internal network.

Scan - Proof - Perform

Atos offers you a 3 step approach Scan-Proof-Perform to get towards an effective Exadata implementation for your Oracle landscape:

Step 1: Scan

Atos can do an Exadata scan using 5 simple questions & 1 hour interview:

- ▶ Question 1: Would your business profit from better Oracle database & data warehouse performance?
- ▶ Question 2: Is consolidation of your Oracle database landscape a point on your agenda?
- ▶ Question 3: Are you planning hardware replacement?
- ▶ Question 4: Would you benefit from reduction of your storage space?
- ▶ Question 5: Do you need to reduce the TCO of your Oracle database landscape?

We complete the scan in a meeting with you doing a joined assessment if a Proof-of-Concept would be worthwhile for your specific case.

Step 2: Proof

Atos has a special Exadata test machine to do Proof of Concepts for customers.

- ▶ Give us your critical batch jobs or difficult queries and we will show you what Exadata can do for your specific situation;
- ▶ POC will take 1 week usually but contact us if you want to know more.

Step 3: Perform

- ▶ Atos is certified distributor of Oracle Exadata;
- ▶ We can migrate & consolidate your Oracle landscape to Exadata;
- ▶ Atos can implement Exadata;
- ▶ Atos can host, manage your database landscape and Exadata machine.

Atos has over 10 years experience with consolidation of database-landscapes on real application clusters (RAC), database Grid and most recently Exadata

Atos is top Oracle database hosting vendor with over 4200 DB's hosted

Atos Exadata Services are delivered from Global Exadata Competence Center (GECC)

Atos has received many Oracle awards:

2010: 'Exadata Special Achievement'

2009: 'Best marketing partner'

2008: 'Technology Partner of the Year'

2006: 'Outstanding System Integrator'

2005: 'Partner of the Year' for applications

Atos is Global Platinum Partner and Accredited Partner of Oracle RAC.

Atos has been a member of Oracle's Partner Network (OPN) since 1996.

About Atos

Atos is an international information technology services company with annual revenues of EUR 8.7 billion and 78,500 employees in 42 countries. Serving a global client base, it delivers hi-tech transactional services, consulting, systems integration and managed services. Atos is focused on business technology that powers progress and helps organizations to create their firm of the future. It is the Worldwide Information Technology Partner for the Olympic Games and is quoted on the Paris Eurolist Market. Atos operates under the brands Atos, Atos Consulting, Atos Worldline and Atos WorldGrid.

For more information, visit: nl.atos.net

For more information:
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