

SAP Performance leadership with HP Integrity servers running Windows Server 2003

Windows Integrity Planning and Marketing
December 2006



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Benchmarked performance leadership with HP Integrity servers and Windows®!

OLTP Database	<ul style="list-style-type: none"> • #1 and #3 4p/8c Windows TPC-C with rx6600² and rx4640³ and Dual-Core Intel® Itanium®! • #1 Intel Itanium-based 16p TPC-C with rx8620-32⁴ • #1 Windows TPC-C¹ with Integrity Superdome at 1.2M+ tpmC!
Enterprise Resource Planning and Supply Chain Management	<ul style="list-style-type: none"> • #1 16p/32c Windows SAP 2-Tier SD with Integrity Superdome⁵ • #1 Windows SAP 3-tier SD with Integrity Superdome⁵ • A leading 64p SAP 2-Tier SD with Integrity Superdome⁵
Business Intelligence and Data Analytics/OLAP	<ul style="list-style-type: none"> • #1 16p/32c Itanium 2-based 1TB TPC-H with rx8640⁶ and dual core Itanium 2 • #1 32p Itanium 2-based Windows 3TB TPC-H Integrity Superdome⁷
Customer Relationship Management	<ul style="list-style-type: none"> • #1 4p Windows Siebel 7.7 PSPP with rx4640-8⁸ • #1 8p Windows Siebel 7.7 PSPP with rx8620-32⁸ • #1 16p Windows Siebel 7.7 PSPP with rx8620-32⁸
Java Application Server	<ul style="list-style-type: none"> • A leading SPECjAppServer2002 dual-node category (2 x rx4640-8)⁹

¹ HP Superdome with Microsoft SQL Server 2005 (SP1), 1,231,433 tpmC @ \$4.82/tpmC, available June 5, 2006. See www.tpc.org.

² HP rx6600 with Microsoft SQL Server 2005 (SP1), 344,928 tpmC @ \$2.24/tpmC, available December 1, 2006. See www.tpc.org.

³ HP rx4640 with Microsoft SQL Server 2005 (SP1), 290,644 tpmC @ \$2.71/tpmC, available September 1, 2006. See www.tpc.org.

⁴ HP rx8620-32, 332,266 tpmC @ \$4.48/tpmC, available now. See www.tpc.org for details.

⁵ For full details on SAP benchmarks, see www.sap.com/benchmark.

⁶ HP rx8640 with Microsoft SQL Server 2005 (SP1), 33,488 QphH @ \$27.00/QphH, available October 1, 2006. See www.tpc.org.

⁷ HP Superdome with Microsoft SQL Server 2005 (SP1), 30,956 QphH @ 76.82 \$/QphH, available May 5, 2006. See www.tpc.org.

⁸ See full details on results @ www.siebel.com.

⁹ For full details on results @ www.spec.org

#1 SAP 16p/32c 2-Tier SD Windows performance with HP Integrity Servers and SQL Server 2005!



Result achieved with HP Integrity Superdome with **16p/32c/64t** Intel Itanium 1.6 GHz processors with sx2000 chipset, running Microsoft SQL Server 2005 and Windows Server 2003, Datacenter Edition

Results as of 12/12/06
For more information, see www.sap.com
HP Integrity Superdome Server with Microsoft SQL Server 2005 (SP1) currently available

November 2006



Outstanding SAP performance and scalability in a flexible and highly reliable, standards-based solution!

SAP SD Standard mySAP ECC 6.0 application benchmark:

- **5,600 SD users supported**
- 28,202 SAPS
- 1,692,134 Dialog steps/hour
- 1.91 seconds average dialog response time



Exceptional SAP 2-Tier SD Windows performance with HP Integrity Superdome and SQL Server 2005!



Result achieved with HP Integrity Superdome with
64p/64c/64t Intel Itanium 1.6 GHz processors
with sx2000 chipset, running Microsoft SQL
Server 2005 and Windows Server 2003,
Datacenter Edition

Results as of 6/9/06

For more information, see www.sap.com
HP Integrity Superdome Server with Microsoft
SQL Server 2005 (SP1) currently available

November 2006

**Outstanding SAP performance
and scalability in a flexible
and highly reliable,
standards-based solution!**

**SAP SD Standard mySAP ERP 2004
application benchmark:**

- **8,575 SD users supported**
- 43,050 SAPS
- 861,000 fully processed
line items per hour
- 1.95 seconds average dialog
response time

Record SAP 3-Tier SD Windows performance with HP Integrity Superdome and SQL Server 2005!



Result achieved with HP Integrity Superdome
with **64p/64c/64t** Intel Itanium 1.6 GHz
processors, running Microsoft SQL Server
2005 and Windows Server 2003,
Datacenter Edition

Results as of 11/7/05
For more information, see www.sap.com
HP Integrity Superdome Server with Microsoft
SQL Server 2005 (SP1) available 5/5/06.

**RISC-level SAP performance
and scalability in a flexible
standards-based solution!**

**SAP SD Standard mySAP ERP 2004
application benchmark:**

- **93,000 users supported**
- 9,360,000 order line items/hr
- 468,000 SAPS
- 1.92 seconds average dialog response time

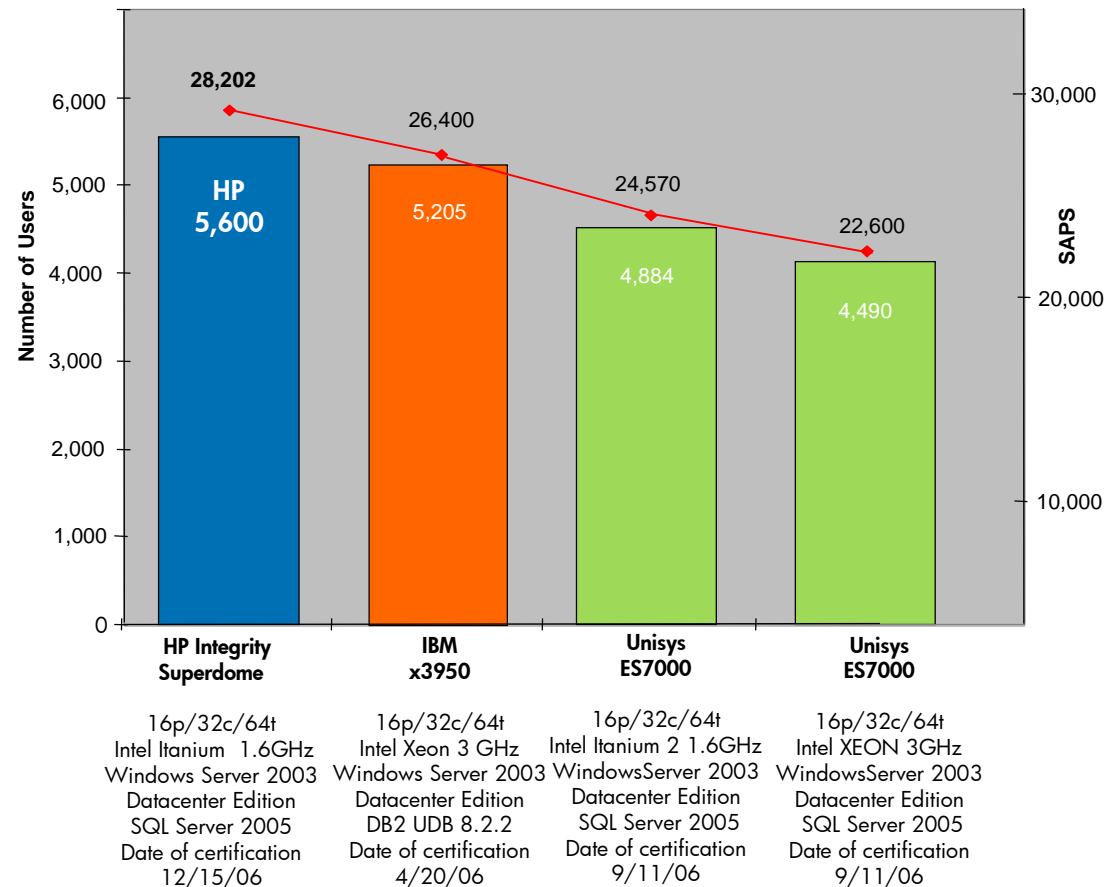
#1 SAP 16p/32c 2-Tier SD Windows performance with HP Integrity Superdome and SQL Server 2005!

Outstanding SAP performance and scalability in a flexible, highly reliable, standards-based solution!

- **5,600 SD users supported**
- **28,202 SAPS**
 - 1,692,134 Dialog steps/hour
 - 1.91 seconds average dialog response time

Results as of 12/12/06
 For more information, see www.sap.com
 HP Integrity Superdome Server with Microsoft SQL Server 2005 (SP1) currently available

SAP SD 2-Tier: Top Windows performance for HP Integrity Superdome with 16 Intel® Itanium® 2 Dual-Core processors with sx2000 chipset, 64-bit Microsoft SQLServer 2005, Windows Server 2003, 64-bit Datacenter Edition and SAP SD Standard mySAP ECC 6.0





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