

## **IBM sets world record with 2-processor, two-tier SAP SD Standard Application Benchmark result**

March 7, 2006 ... IBM® today announced a world-record 2-processor, two-tier SAP® Sales and Distribution (SD) Standard Application Benchmark result, running the mySAP™ ERP 2004 solution. The result of 995 SAP SD Benchmark users was achieved by an AMD Opteron LS20 for IBM BladeCenter® blade server and IBM DB2®.

The LS20 used 64-bit DB2 UDB and Microsoft® Windows® Server 2003 Enterprise x64 Edition to achieve 995 SAP SD Benchmark users with 1.98 seconds average dialog response time, measured throughput of 299,000 dialog steps per hour (or 99,670 fully processed order line items per hour), and an average CPU utilization of 99 percent. (1)

The LS20 blade used the AMD Opteron Model 280 Processor at 2.4GHz with 1MB L2 cache (2 processors/4 cores/4 threads), 16GB of memory, DB2 UDB 8.2.2, Microsoft Windows Server 2003 Enterprise x64 Edition, and mySAP ERP 2004 (64-bit). (2)

This new result for the LS20 and DB2 surpasses the result achieved by the 2-processor HP BL25p blade on the two-tier SAP SD Standard Application Benchmark of 974 SAP SD Benchmark users with 1.98 seconds average dialog response time, measured throughput of 293,000 dialog steps per hour (or 97,670 fully processed order line items per hour), and an average CPU utilization of 99 percent. The HP configuration used the AMD Opteron Model 275 processor at 2.2GHz with 1MB L2 cache (2 processors/4 cores/4 threads), running the SAP R/3® Enterprise solution Release 4.70, Microsoft SQL Server 2000, and Microsoft Windows Server 2003 Enterprise Edition (64-bit). (2)

Results referenced are current as of March 7, 2006. Planned availability of the LS20 is March 17, 2006.

For the latest SAP results, visit [www.sap.com/benchmark](http://www.sap.com/benchmark). For information about DB2 visit [www.ibm.com/db2](http://www.ibm.com/db2).

(1) This benchmark fully complies with the SAP Benchmark Council regulations and has been audited and certified by SAP AG (certification number 2006013). Details can be obtained from IBM and SAP. The benchmark was performed at Research Triangle Park, North Carolina, USA, by IBM engineers.

(2) Certification number 2005024.

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