IBM posts leadership 2-processor result on the two-tier SAP SD Standard Application Benchmark

x3650 delivers performance result that surpasses HP ProLiant system

March 26, 2007 ... IBM® today announced a leadership 2-processor result on the two-tier SAP® Sales and Distribution (SD) Standard Application Benchmark. The result of 1,850 SAP SD Benchmark users was achieved by the IBM System x™ 3650, using the IBM System Storage™ DS4800, and running IBM DB2® 9 and the mySAP™ ERP 2005 application.

The x3650 achieved 1,850 SAP SD Benchmark users with 1.97 seconds average dialog response time, 9,270 SAPS, measured throughput of 556,000 dialog steps per hour (or 185,330 fully processed line items per hour), and an average CPU utilization of 98 percent. (1)

The x3650's result surpasses the 1,841 SAP SD Benchmark users achieved by the HP ProLiant BL460c on the two-tier SAP SD Standard Application Benchmark. The BL460c was configured similarly to the x3650. (2)

The x3650 used two Quad-Core Intel® Xeon® Processors X5355 at 2.66GHz with 8MB (4MB per 2 cores) L2 cache and 1333MHz Front-Side Bus (2 processors/8 cores/8 threads), 32GB of memory, 64-bit DB2 9, Microsoft Windows® Server 2003 Enterprise x64 Edition, and mySAP ERP 2005. The x3650 server accessed the DB2 9 database on the storage managed by an IBM System Storage DS4800 disk system, designed for performance, high availability and scalability.

Results referenced are current as of March 26, 2007. For the latest SAP results, visit www.sap.com/benchmark.

 (1) This benchmark fully complies with the SAP Benchmark Council regulations and has been audited and certified by SAP AG (certification number 2007019). Details can be obtained from IBM and SAP. The benchmark was performed at IBM in RTP, NC, USA, by IBM engineers.

(2) The HP ProLiant BL460c used 2 processors/8 cores/8 threads, two Quad-Core Intel® Xeon® Processors X5355 (2.66GHz, 4MB L2 cache per 2 cores, 1333MHz Front-Side Bus), 32GB of memory, Microsoft SQL Server 2005, Microsoft Windows® Server 2003 Enterprise Edition, and mySAP ERP 2005, certification number 2007002.