IBM announces new leadership result for two-tier SAP SD Standard Application Benchmark

January 22, 2004 ... IBM® today announced leadership performance results for the IBM @server® xSeries® 365 on the two-tier SAP® Sales and Distribution (SD) Standard Application Benchmark, running SAP R/3® Enterprise Release 4.70. The x365 used IBM DB2® Universal Database 8.1 and Microsoft® Windows® Server 2003.

The x365 server and DB2 achieved 562 SAP SD Benchmark users with 1.98 seconds average dialog response time, measured throughput of 169,000 dialog steps per hour (or 56,330 fully processed line items per hour), and an average CPU utilization of 98 percent for the central server. (1)

With this result, the x365 server outperformed similarly configured servers, such as the Dell PowerEdge 6650, which achieved a score of 420 SD Benchmark users and the Fujitsu PRIMERGY Model TX600/RX600, which achieved a score of 542 SD Benchmark users. (2) The only 4-way SMP servers that achieved a higher score than the x365 used the Intel® Itanium™ 2 (64-bit) processor. (3)

The x365 used four Intel Xeon™ processors MP at 2.8GHz/2MB, 8GB of memory, DB2 UDB 8.1, Microsoft Windows Server 2003 Datacenter Edition, and SAP SD Standard Application Benchmark, R/3 Enterprise 4.70.

Results referenced are current as of January 22, 2003.

For the latest SAP results, visit www.sap.com/benchmark. For information about DB2 visit www.ibm.com/software.

(1) This benchmark fully complies with the SAP Benchmark Council regulations and has been audited and certified by SAP AG (certification number 200403). Details can be obtained from IBM and SAP. The benchmark was performed at Research Triangle Park, North Carolina, USA, by IBM engineers.

(2) Dell PowerEdge 6650, 4-way SMP, Intel Xeon 2.8GHz, 2MB L3 cache, running SAP R/3 Enterprise Release 4.70, and Microsoft SQL Server 2000 and Microsoft Windows Server 2003 Enterprise Edition, certification 2003055. Fujitsu PRIMERGY Model TX600/RX600, 4-way SMP, Intel Xeon 2.8GHz/ 2MB L3 cache, running SAP R/3 Enterprise Release 4.70, and Microsoft SQL Server 2000 and Microsoft Windows Server 2003 Enterprise Edition, certification 2003058.

(3) Fujitsu Siemens Computers Primergy Model RXI600, 4-way SMP, Intel Itanium 2 1.50GHz, 32KB L1 cache, 256KB L2 cache, 6MB L3 cache, 685 SD users, certification 2003048; Bull NovaScale Model 4040, 4-way SMP, Intel Itanium 2, 1.546GHz, 32KB L1 cache, 256KB L2 cache, 6MB L3 cache, 670 SD users, certification 2003037;IBM xSeries 455 Model 855-3RX, 4-way SMP, Intel Itanium 2 1.5GHz, 32KB L1 cache, 256KB L2 cache, 6MB L3 cache, 655 SD users, certification 2003057.