

CERTIFICATION

SAP Standard Application Benchmarks

The SAP SD standard R/3 Enterprise 4.70 application benchmark performed on November 11, 2004 by IBM in Beaverton, OR, USA was certified on December 2, 2004 with the following data:

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|--|---|
| Number of benchmark users & comp.: | 470 SD (Sales & Distribution) |
| Average dialog response time: | 1.92 seconds |
| Throughput: | |
| Fully processed order line items/hour: | 47,330 |
| Dialog steps/hour: | 142,000 |
| SAPS: | 2,370 |
| Average DB request time (dia/upd): | 0.054 sec / 0.016 sec |
| CPU utilization of central server: | 98% |
| Operating System central server: | Windows Server 2003 Enterprise Edition (32-bit) |
| RDBMS: | DB2 UDB 8.2 (32-bit) |
| SAP R/3 Release: | 4.70 (32-bit) |
| Total disk space: | 792 GB |

Configuration:

Central server: IBM eServer xSeries 346 Model 8840-A3Z, 2-way SMP,
Intel XEON, 3.6 GHz, L1 Execution Trace Cache,
1 MB L2 cache, 8 GB main memory

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