

# CERTIFICATION

## SAP Standard Application Benchmarks

The SAP SD standard R/3 Enterprise 4.70 application benchmark performed on September 16, 2003 by IBM in Raleigh, NC, USA was certified on November 4, 2003 with the following data:

Number of benchmark users & comp.:	456 SD (Sales & Distribution)
Average dialog response time:	1.97 seconds
Throughput:	
Fully processed order line items / hour:	45,670
Dialog steps / hour:	137,000
SAPS:	2,280
Average DB request time (dia/upd):	0.038 sec / 0.061 sec
CPU utilization of central server:	97%
Operating System central server:	Windows Server 2003 Enterprise Edition
RDBMS:	DB2 UDB 8.1
SAP R/3 Release:	4.70
Total disk space:	340 GB

Configuration:  
Central server: IBM xSeries 445 Model 8870-4RY, 4-way SMP, Intel XEON DP, 3.00 GHz, 12 KB L1 cache, 512 KB L2 cache, 128 MB L4 cache, 8 GB main memory

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