

CERTIFICATION

SAP Standard Application Benchmarks

The SAP SD standard R/3 Enterprise 4.70 application benchmark performed on February 23, 2004 by IBM in Research Triangle Park, NC, USA was certified on March 2, 2004 with the following data:

Number of benchmark users & comp.:	2,050 SD (Sales & Distribution)
Average dialog response time:	1.97 seconds
Throughput:	
Fully processed order line items/hour:	205,670
Dialog steps / hour:	617,000
SAPS:	10,280
Average DB request time (dia/upd):	0.018 sec / 0.025 sec
CPU utilization of central server:	98%
Operating System central server:	Windows Server 2003 Datacenter Edition
RDBMS:	DB2 UDB 8.1
SAP R/3 Release:	4.70
Total disk space:	560 GB

Configuration:

Central server: IBM xSeries 445 Model 8870-42X, 16-way SMP, Intel XEON MP, 3.0 GHz, 20KB L1 cache, 512 KB L2 cache, 4 MB L3 cache, 32 GB main memory

Certification Number. 2004011