

# CERTIFICATION

## SAP Standard Application Benchmarks

The SAP SD standard 4.6 C application benchmark performed on March 15, 2003 by IBM in Toronto, Canada was certified on March 17, 2003 with the following data:

Number of benchmark users & comp.:	5,790 SD (Sales & Distribution)
Average dialog response time:	1.96 seconds
Throughput:	
Fully Processed Order Line items / hour:	581,000
Dialog steps / hour:	1,743,000
SAPS:	29,050
Average DB request time (dia/upd):	0.319 sec / 0.083 sec
CPU utilization of database server:	94%
CPU utilization of application servers:	60% (dia/upd: 61%, msg/enq: 4%)
Operating System all servers:	SuSE Linux Enterprise Server 8.0
RDBMS database server:	DB2 8.1
R/3 Release:	4.6 C
Total disk space:	2,052 GB

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Database server: IBM eServer xSeries x440, 4-way SMP, Intel Xeon MP, 2 GHz, 512 KB L2 cache, 2 MB L3 cache, 4 GB main memory

11 application servers:

10 Dialog/update servers: IBM eServer xSeries x440, 8-way SMP, Intel Xeon MP, 2 GHz, 512 KB L2 cache, 2 MB L3 cache, 4 GB main memory

1 Message/enq. server: IBM eServer xSeries x440, 4-way SMP, Intel Xeon MP, 2 GHz, 512 KB L2 cache, 2 MB L3 cache, 4 GB main memory

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