CERTIFICATION
SAP Standard Application Benchmarks

The SAP SD standard mySAP ERP 2004 application benchmark performed on October 24, 2005 by HP in Houston, TX, USA was certified on November 7, 2005 with the following data:

Number of benchmark users & comp.:	93,000 SD (Sales & Distribution)
Average dialog response time:	1.92 seconds
Throughput:	
Fully Processed Order Line items / hour:	9,360,000
Dialog steps / hour:	28,080,000
SAPS:	468,000
Average DB request time (dia/upd):	0.082 sec / 0.159 sec
CPU utilization of database server:	81%
CPU utilization of application servers:	74% (dia: 74%, upd: 74%, msg/enq: 90%)
Operating System all servers:	Windows Server 2003 Datacenter Edition
RDBMS database server:	Microsoft SQL Server 2005 Enterprise Edition
SAP ECC Release:	5.0

Configuration:
Database server: HP Integrity Superdome 64P Server,
            64 processors / 64 cores / 64 threads, Intel Itanium 2,
            1.6 GHz, 32 KB L1 cache, 256 KB L2 cache, 9 MB L3 cache,
            256 GB main memory

187 Application servers:
186 Dialog/Update servers: HP Integrity Model rx4640-8,
            4 processors / 4 cores / 4 threads, Intel Itanium 2,
            1.6 GHz, 32 KB L1 cache, 256 KB L2 cache,
            9 MB L3 cache, 8 GB main memory

1 Message/Enq. server: HP Integrity Model rx4640-8,
            4 processors / 4 cores / 4 threads, Intel Itanium 2,
            1.6 GHz, 32 KB L1 cache, 256 KB L2 cache,
            9 MB L3 cache, 8 GB main memory

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