

CERTIFICATION

SAP Standard Application Benchmarks

The SAP SD standard mySAP ERP 2004 application benchmark performed on August 11, 2006 by Sun Microsystems in Burlington, MA, USA was certified on August 17, 2006 with the following data:

| | |
|--|---------------------------------|
| Number of benchmark users & comp.: | 1,200 SD (Sales & Distribution) |
| Average dialog response time: | 1.86 seconds |
| Throughput: | |
| Fully Processed Order Line items/hour: | 121,330 |
| Dialog steps/hour: | 364,000 |
| SAPS: | 6,070 |
| Average DB request time (dia/upd): | 0.044 sec / 0.035 sec |
| CPU utilization of central server: | 97% |
| Operating System central server: | Solaris 10 |
| RDBMS: | MaxDB 7.5 |
| SAP ECC Release: | 5.0 |

Configuration:

Central server: Sun Fire V490, 4 processors / 8 cores / 8 threads, UltraSPARC IV+, 1800 MHz, 128 KB(D) + 128 KB(I) L1 cache, 2 MB L2 cache on-chip, 32 MB L3 cache off-chip, 32 GB main memory

Certification Number. 2006057