

# CERTIFICATION

## SAP Standard Application Benchmarks

The SAP SD standard mySAP ERP 2004 application benchmark performed on August 21, 2006 by HP in Redmond, WA, USA was certified on August 31, 2006 with the following data:

|  |  |
|--|--|
| Number of benchmark users & comp.:     | 1,402 SD (Sales & Distribution)        |
| Average dialog response time:          | 1.91 seconds                           |
| Throughput:                            |  |
| Fully Processed Order Line items/hour: | 141,330                                |
| Dialog steps/hour:                     | 424,000                                |
| SAPS:                                  | 7,070                                  |
| Average DB request time (dia/upd):     | 0.021 sec / 0.055 sec                  |
| CPU utilization of central server:     | 89%                                    |
| Operating System central server:       | Windows Server 2003 Datacenter Edition |
| RDBMS:                                 | SQL Server 2005 Datacenter Edition     |
| SAP ECC Release:                       | 5.0                                    |

### Configuration:

Central server: HP Integrity rx4640, 4 processors / 8 cores / 16 threads,  
Dual-Core Intel Itanium 2 9050, 1.6 GHz,  
32 KB(I) + 32 KB(D) L1 cache, 2 MB(I) + 512 KB(D) L2 cache,  
24 MB L3 cache, 65 GB main memory

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