

# CERTIFICATION

## SAP Standard Application Benchmarks

The SAP SD Standard 4.6 C Application Benchmark performed on November 10, 2001 by IBM in Beaverton, OR, USA, was certified on November 14, 2001 with the following data:

|  |                                  |
|--|----------------------------------|
| Number of benchmark users & comp.:       | 25,560 SD (Sales & Distribution) |
| Average dialog response time:            | 1.92 seconds                     |
| Throughput:                              |                                  |
| Fully Processed Order Line items / hour: | 2,573,330                        |
| Dialog steps / hour:                     | 7,720,000                        |
| SAPS:                                    | 128,670                          |
| Average DB request time (dia/upd):       | 0.055 sec / 0.091 sec            |
| CPU utilization of database server:      | 94%                              |
| CPU utilization of appl. servers:        | 67% (dia/upd:67 %, msg/enq: 6%)  |
| Operating System all servers:            | AIX 4.3.3                        |
| RDBMS:                                   | DB2 V7.2                         |
| R/3 Release:                             | 4.6C                             |
| Total disk space:                        | 3,800 GB                         |

### Configuration:

|                           |   |
|---------------------------|---|
| 1 Database server:        | IBM eServer pSeries p680, 24-processors SMP, RS64 IV 600 MHz, 16 MB L2 cache, 64 GB main memory |
| 19 Application servers:   |   |
| 18 Dialog/Update servers: | IBM eServer pSeries p680, 24-processors SMP, RS64 IV 600 MHz, 16 MB L2 cache, 24 GB main memory |
| 1 Msg/Enq. server:        | IBM eServer pSeries p680, 24-processors SMP, RS64 IV 600 MHz, 16 MB L2 cache, 24 GB main memory |

Certification Number. 2001046