

# CERTIFICATION

## SAP Standard Application Benchmarks

The SAP standard APO-SNP 3.0 application benchmark performed on August 25, 2003 by IBM in Walldorf, Germany was certified on September 19, 2003 with the following data:

Number of orders per hour(\*): 2,979,951

CPU utilization of central server: 95%

Operating System central server: AIX 5.2

RDBMS: DB2 UDB 8.1

SAP APO Release: 3.0

liveCache: 7.4.2.20

Total disk space: 592 GB

### Configuration:

1 Central server (APO & liveCache): IBM eServer pSeries Model p690, 16-way SMP, POWER4, 1.3 GHz, 11.2 MB (8 CPU) L2 cache, 256 MB (8 CPU) L3 cache, 32 GB main memory

(\* ) 120,093 different location products are planned for a 6 month planning horizon creating transport and planned orders.

Certification Number. 2003046