

# CERTIFICATION

## SAP Standard Application Benchmarks

The SAP SD Standard 4.6 C Application Benchmark performed on October 9, 2001 by Unisys in Mission Viejo, CA, USA, was certified on October 16, 2001 with the following data:

Number of benchmark users & comp.:	24,000 SD (Sales & Distribution)
Average dialog response time:	1.94 seconds
Throughput:	
Fully Processed Order Line items / hour:	2,411,330
Dialog steps / hour:	7,234,000
SAPS:	120,570
Average DB request time (dia/upd):	0.116 sec / 0.259 sec
CPU utilization of database server:	93%
CPU utilization of appl. servers:	62% (dia:62%, upd:63 %, msg/enq: 29%)
Operating System all servers:	Windows 2000
RDBMS:	MS SQL Server 2000 SP1
R/3 Release:	4.6C
Total disk space:	1,500 GB

### Configuration:

- 1 Database server: Unisys e-@ction Enterprise Server ES7000-PD2, 32-processors, Pentium III 900 MHz, 2 MB L2 cache, 12 GB main memory
- 99 Application servers:
  - 83 Dialog servers: Unisys e-@ction Enterprise Server ES5085, 8-processors, Pentium III 700 MHz, 2 MB L2 cache, 4 GB main memory
  - 15 Update servers: Unisys e-@ction Enterprise Server ES5085, 8-processors, Pentium III 700 MHz, 2 MB L2 cache, 4 GB main memory
  - 1 Msg/Enq. server: Unisys e-@ction Enterprise Server ES5085, 8-processors, Pentium III 900 MHz, 2 MB L2 cache, 4 GB main memory

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