

CERTIFICATION

SAP Standard Application Benchmarks

The SAP SD Standard 4.6 C Application Benchmark performed on February 21, 2002 by Unisys in Mission Viejo, CA, USA, was certified on March 4, 2002 with the following data:

Number of benchmark users & comp.:	26,000 SD (Sales & Distribution)
Average dialog response time:	1.97 seconds
Throughput:	
Fully Processed Order Line items / hour:	2,606,000
Dialog steps / hour:	7,818,000
SAPS:	130,300
Average DB request time (dia/upd):	0.121 sec / 0.265 sec
CPU utilization of database server:	93%
CPU utilization of appl. servers:	61% (dia:60%, upd:68 %, msg/enq: 31%)
Operating System database server:	MS Windows Datacenter Server Limited Edition
Operating System application servers:	MS Windows 2000
RDBMS:	MS SQL Server 2000
R/3 Release:	4.6C
Total disk space:	1,500 GB

Configuration:

1 Database server: Unisys e-@ction Enterprise Server ES7000, 32-processors, Pentium III 900 MHz, 2 MB L2 cache, 12 GB main memory

99 Application servers:

83 Dialog servers:

19 x Unisys e-@ction Enterprise Server ES5085, 8-processors, Pentium III 700 MHz, 2 MB L2 cache, 4 GB main memory

64 x Unisys e-@ction Enterprise Server ES5085, 8-processors, Pentium III 900 MHz, 2 MB L2 cache, 4 GB main memory

15 Update servers:

12 x Unisys e-@ction Enterprise Server ES5085, 8-processors, Pentium III 700 MHz, 2 MB L2 cache, 4 GB main memory

3 x Unisys e-@ction Enterprise Server ES5085, 8-processors, Pentium III 900 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

Certification Number. 2002007