

*A new record-setting benchmark result*



# IBM Netfinity and SAP R/3 - 1200 SD Benchmark Users

**Unreached industry leading performance and availability. A new record-setting benchmark result.**

*The IBM Netfinity has achieved record-setting benchmark performance results. Running the SAP R/3 Standard Application Sales and Distribution (SD) benchmark, the new server achieved a result of 1200 SD benchmark users with 1.75 seconds average dialogue response time on Oracle 7.3.*

*This represents a throughput of 123,000 fully business process order line items per hour. This record surpasses **all previous competitive results** using four Intel Pentium Pro 200MHz processors.*

IBM Netfinity provides customers using industry-standard technologies with the industry's most reliable foundation for their networked businesses by delivering outstanding power, scalability, control and services. The combination of SAP R/3 for NT with IBM Netfinity gives you a competitive edge in enterprise-wide business automation and supply chain management.

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## SAP R/3

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*... Just better business*

**A winning combination for your  
business - IBM Netfinity for  
SAP R/3 NT**



**Benchmark details:**

The SAP standard application benchmark performed on **September 29, 1997** by IBM in Raleigh, NC, USA, was certified with the following data:

Number of benchmark users:	<b>1200 SD (Sales &amp; Distribution)</b>	
Average dialog response time:	1.75 seconds	
Throughput:	6133 SAPS (368000 dialog steps/h)	
Equivalent to (line items / hour):	123000 processed order line items	
Average DB request time (dia/upd):	0.130 sec / 0.298 sec	
CPU utilization application server:	59% (dia:65%, upd:48%, msg/enq:31%)	
CPU utilization database server:	96%	
Operating System database server:	Windows NT 4.0 SP3	
Operating System application serv.:	Windows NT 4.0 SP3	
RDBMS:		Oracle 7.3
R/3 Release:	3.1 G	
Total disk space:	234 GB	

Certification Number: 1997030

**Configuration:**

1 Database Server:	IBM Netfinity 7000, 4-processor Pentium Pro 200 MHz, 1 MB L2 cache, 2 GB main memory
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Application Servers (Total: 13 servers):

All server are IBM Netfinity 7000 with 1 MB L2 cache:

9 Dialog Server: 4-processor Pentium Pro, 200 MHz, 1 GB memory

3 Update Server: 4-processor Pentium Pro, 200 MHz, 512 MB memory

1 Msg/Enq,Serv.: 4-processor Pentium Pro, 200 MHz, 512 MB memory

**Remarks:**

Dialog response time distribution: 15% of dialogsteps completed in less than 1 second, 65% in less than 2 seconds and 95% in less than 3 seconds.

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<sup>1</sup> MHz only measures internal clock speed, not  
application performance. Many factors affect  
application performance.

<sup>2</sup> When referring to hard drive capacity, MB  
equals one million bytes and GB mean one  
billion bytes. Total user-accessible capacity may  
vary depending on operating environments.

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