



Robust Netfinity 8500R exceeds expectations for Mincom

Application Benchmark and performance testing of Mincom enterprise application solutions on industry-standard Netfinity® servers

Software Mincom's MIMS Open Enterprise and Ellipse 5.0; IBM DB2®, Microsoft® Windows NT®, SQL Server 7.0, Oracle 8.0.3, Rational Suite Performance Studio 1.0

Hardware IBM Netfinity 8500R enterprise servers

Services IBM Solution Partnership Center, Sydney, Australia



Benchmarks exceed expectations

Mincom, a provider of enterprise applications solutions, delivers an invaluable service to companies that need to support complex, valuable pieces of capital equipment. Mincom delivers integrated solutions that enable mining, oil and gas, defense and public sector, and utilities and transportation companies to better manage their organizations. Mincom's applications ensure maximization of ROI, by providing life-cycle management of equipment, streamlined procurement, and expenditure reduction through improved business processes.

Mincom has developed Ellipse 5.0, which is based on its proven MIMS Open Enterprise product to meet the needs of its new generation of enterprise asset management (EAM) customers for e-business and Internet-based applications. This product provides a powerful solution for the Microsoft Windows NT and industry-standard computing environment. To test the robustness and scalability of its software, Mincom rigorously conducts benchmark testing on powerful IBM Netfinity servers. "We saw excellent results with our benchmark testing on the Netfinity 8500R 8-way server—which easily supported 1,000



“Barely out of the crate, we had the Netfinity 8500R server running on all eight processors at almost 100 percent capacity.”

*Tony Manson,
Mincom project
manager*

concurrent users of our EAM solution in an enterprise configuration,” says Tony Manson, project manager on the IBM Netfinity benchmark testing project for Mincom.

8500R handles extreme workload

Mincom’s Windows NT-based applications were tested at IBM’s Solution Partnership Center, in Sydney, Australia, using several Netfinity servers—the 7000 M10, the 5500 M20 and the new eight-way capable, rack-optimized 8500R with Intel® Pentium® III Xeon™ processors.

As the first to evaluate the 8500R in Australia, Mincom put the server through strenuous tests from the start. “In all tests, the Netfinity 8500R demonstrated fast performance, extreme scalability and the capacity to handle a demanding workload,” says Tony Manson, Mincom project manager .

Another key benchmark was the maximum number of MIMS users that could be supported on the Netfinity server. “We only expected about 600-800 concurrent virtual users, but the Netfinity 8-way server was able to support over 1000 users—well above expectations,” Manson reports.

Throughput performance also surpassed forecasts. Running in a monolithic configuration as the Mincom application server, the rack-optimized 8500R server processed a total of 81,000 requests—achieving response times as fast as 22.5 transactions per second over the whole run. “We’re extremely pleased with the results of our benchmark testing on the Netfinity servers,” adds Fiona Doyle, product-marketing consultant for Mincom. “The results have more than exceeded our expectations across the board.”

IBM Netfinity ServerProven™ program

Ellipse 5.0 software, the latest release of MIMS that is Web-enabled and aimed at the burgeoning e-commerce market, helps our clients communicate faster and more directly with their customers and suppliers over the Internet, stresses Doyle. “With the increasing demand for Windows NT, it’s exciting for us to be able to offer both MIMS Open Enterprise and Ellipse 5.0 with an IBM ServerProven certification on the Netfinity servers.”

Adds Manson, “We’re constantly improving the functionality of our products to provide fast throughput, scalability and reliable performance for our customers. The IBM Solution Partnership Center here in Australia helps us achieve those goals by providing us the latest IBM equipment and needed expertise to test and fine-tune our products. With IBM’s Netfinity server line, we’ve seen outstanding results.”

For more information

Visit our Web site at:
www.ibm.com/netfinity



© Copyright IBM Corporation 2000

IBM Personal Systems Group, Department D7VA
3039 Cornwallis Road
Research Triangle Park, NC 27709

03-00
All Rights Reserved

Third party products are not necessarily preloaded on IBM Netfinity systems. Check with your IBM reseller for details. IBM makes no representations or warranties express or implied regarding non-IBM ServerProven products and services and disclaims all such warranties including but not limited to Year 2000 readiness and the implied warranties of merchantability and fitness for a particular purpose. These products are offered and warranted solely by third parties.

This customer story is based on information provided by Mincom and illustrates how one organization uses IBM products. Many factors may have contributed to the results and benefits described; IBM does not guarantee comparable results elsewhere.

IBM reserves the right to change specifications or other product information without notice. This publication could include technical inaccuracies or typographical errors. References herein to IBM products and services do not imply that IBM intends to make them available in other countries. IBM PROVIDES THIS PUBLICATION AS IS WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties, therefore this disclaimer may not apply to you.

IBM, the e-business logo, DB2, Netfinity and ServerProven are trademarks of IBM Corporation in the United States and/or other countries. Microsoft, Windows, Windows NT and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both. Intel, Pentium and Pentium III Xeon are trademarks of Intel Corporation in the U.S., other countries, or both.

Other company, product and service names may be trademarks or service marks of others.



Printed on recycled paper containing
10% recovered post-consumer fiber.



GK20-5830-00