IBM ®

Performance Brief

*IBM @server **xSeries 440 and Microsoft SQL Server 2000 demonstrate leadership performance for Baan Enterprise Resource Planning (ERP) applications***

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The IBM @server xSeries™ 440 is a high-throughput, 8-way SMP-capable enterprise server that delivers excellent scalability and incorporates the powerful 2.0GHz[1] Intel ® Xeon™ Processor with 2MB L3 cache.

The BaanERP 2-Tier (client/server mode) benchmark was used to measure the x440 server's performance in 8- and 4-way processor configurations. The results[2] are summarized below.

x440 - Baan Reference Users (BRUs[3])	
Eight Processors	**Four Processors**
2,940 BRUs	*2,170 BRUs*
System Hardware	
2.0GHz Intel Xeon Processor / 2MB L3 Cache	
16GB Memory	
Database and System Software	
Microsoft® Windows® 2000 Datacenter Server	
Microsoft SQL Server 2000 Enterprise Edition	

Notes

(1) GHz only measures microprocessor internal clock speed, not application performance. Many factors affect application performance.

(2) Results referenced in this document have been validated by the Baan Company, and are current as of February 18, 2003.

(3) The Baan Benchmark Methodology is used to measure the performance of different computer system configurations. A BRU represents a single user executing a session that generates a load on the system. By relating all BaanERP sessions to that reference load, the actual mix of sessions executed at any given implementation will determine the translation from the benchmark BRU to the maximum number of concurrent users for that implementation.

BaanERP is a suite of client/server business solutions, which integrates a company's business transactions into a single software solution. BaanERP software provides applications that customers use to manage financials, accounting, sales and distribution, materials management, production planning, quality management, plant maintenance and human resource functions.