

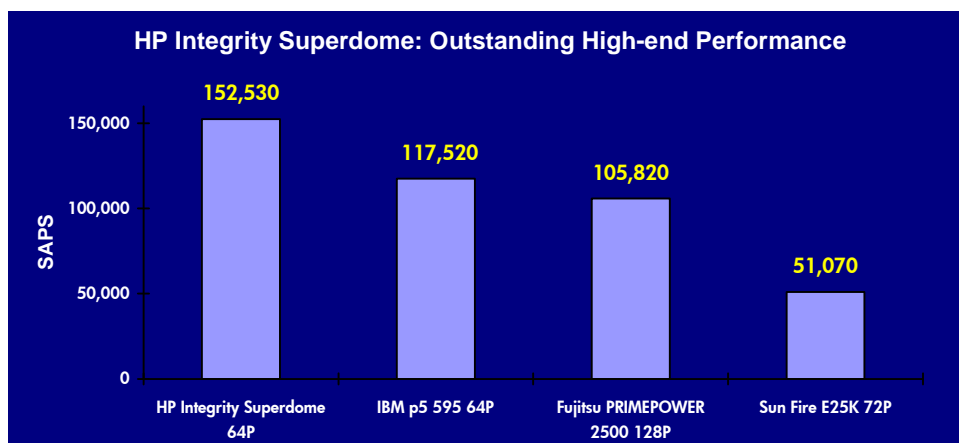


HP Integrity Superdome achieves highest result on two-tier SAP® SD Standard Application Benchmark running mySAP™ ERP 2005 with HP-UX 11i v3



- **The HP Integrity Superdome attains the highest server performance outcome with 152,530 SAPS and 30,000 SAP® Sales and Distribution (SD) Standard Application Benchmark users with the mySAP™ ERP 2005 application. This result defeats the next highest result by 30%.**

The HP Integrity Superdome, with dual-core Intel® Itanium® 2 processors, delivers the best performance result ever on the two-tier SAP SD Standard Application Benchmark running mySAP ERP 2005. The result beats all other competitors running similar systems. Results and server configurations are shown on the following pages.



**Figure 1.** Comparison of performance results of the HP Integrity Superdome server vs. competitors on the two-tier SAP SD Standard Application Benchmark

More information about SAP Benchmark results for the Integrity Superdome and its competitors can be found at the following Web page:

[www.sap.com/benchmark](http://www.sap.com/benchmark)

## Server configurations

Tests were performed on the server by the HP SAP Engineering lab in Cupertino, CA, USA, and HP received certification from SAP AG of the results (Certification #2006089) for the HP Integrity Superdome on December 18, 2006. The server was running HP-UX 11i v3 operating system, Oracle 10g database, and mySAP ERP 2005. The servers were configured with 64 x 1.6 GHz dual-core Intel Itanium 2 9050 processors (64 processors/128 cores/256 threads), with 32 KB(I) + 32 KB(D) L1 cache, 2 MB(I) + 512 KB(D) L2 cache, 24 MB L3 cache, and 512 GB main memory.

**Results:** The HP Integrity Superdome Server earned outstanding results with 152,530 SAPS, equivalent to a throughput of 3,050,670 fully processed order line items per hour, and 30,000 SAP SD Benchmark users. This result beats other competitors such as the IBM p5 595, Fujitsu PRIMEPOWER 2500 and Sun Fire E25K servers.

## HP Integrity Superdome Server heads all other competitor results

Results as of 12-18-06.

**vs. IBM p5 595 results on the two-tier SAP SD Standard Application Benchmark.** The IBM p5 595 (Certification 2006045) was configured as a 64-processor server (64 processors/64 cores/128 threads) with Power5+, 2.3 GHz with 64 KB L1 cache per processor, 1.92 MB L2 cache, 36 MB L3 cache per 2 processors and 512 GB main memory. The p5 595 was running mySAP ERP 2004 (64-bit) with AIX 5.3 and DB2 9 database and achieved 117,5200 SAPS and 23,456 SAP SD Benchmark users, equivalent to a throughput of 2,350,330 fully processed order line items/hour.

**The Integrity Superdome achieved 30% more SAPS than the IBM p5 595.**

**vs. Fujitsu PRIMEPOWER 2500 server results on the two-tier SAP SD Standard Application Benchmark.** The Fujitsu PRIMEPOWER 2500 (Certification #2005013) was configured as a 128-processor server (128 processors) with SPARC64, 2.08 GHz, 256 KB L1 cache, 4 MB L2, and 512 GB main memory. The Fujitsu PRIMEPOWER 2500 was running the SAP R/3® Enterprise solution Release 4.70 with Solaris 9 and Oracle 9i database and achieved 105,820 SAPS and 21,000 SAP SD Benchmark users, equivalent to a throughput of 2,116,330 fully processed order line items/hour.

**The Integrity Superdome achieved 44% more SAPS than the Fujitsu PRIMEPOWER 2500.**

**vs. Sun Fire E25K results on the two-tier SAP SD Standard Application Benchmark.** The Sun Fire E25K (Certification 2004039) was configured as a 72-processor server (72 processors) with UltraSPARC IV, 1.2 GHz with 64 KB L1 cache and 16 MB L2 cache per core, and 576 GB main memory. The Sun Fire E25K was running SAP R/3 Enterprise 4.70 with Solaris 9 and Oracle 9i database and achieved 51,070 SAPS and 10,175 SAP SD Benchmark users, equivalent to a throughput of 1,021,330 fully processed order line items/hour.

**The Integrity Superdome achieved 2.9X more SAPS than the Sun Fire E25K.**

## HP Virtualized Infrastructure Solutions for mySAP Business Suite

The ability to swiftly adapt to ever-changing business requirements is the key success factor in today's business environments. However, this implies an adaptive SAP solution-based landscape, which is required by many customers today. HP Virtualized Infrastructure Solutions (VIS) for mySAP Business Suite enables customers to increase the flexibility and manageability of their system landscapes that include SAP solutions.

With HP VIS for mySAP Business Suite, customers can overcome the boundaries of yesterday's infrastructure. Instead of working in inefficient silos, a simplified IT will grow in flexibility and scalability, enabling customers to respond to changes in demand more quickly by dynamically allocating computing power, storage, and network resources according to the demand of the SAP application. And better still: Improved overall manageability provides substantial reductions in costs of operation.

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