



Integrity NonStop system momentum

POINT OF SALE GETS EVEN BETTER

[CEKAB, SWEDEN] Stockholm-based CEKAB, a national Swedish point-of-sale (POS) and ATM switch, has relied on the HP NonStop server for the past 18 years to handle its most mission-critical applications. In keeping with its philosophy of offering ever-improving customer service, CEKAB recently took a major step toward increasing the end-to-end availability of its ACI BASE24 solution. The aim was to build a continuous availability solution together with improved disaster recovery functionality, with an eye to minimizing planned downtime. Running two production nodes in parallel (active-active) gives CEKAB the ability to offer true 24x7 service.

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Until recently, the POS/ATM application ran on a single HP NonStop S86008 server; now it will run on two 4-processor HP Integrity NonStop NS16000 servers in a Dual Modular Redundancy (DMR) configuration, with GoldenGate software replicating data between the production nodes. CEKAB will continue to use existing HP Atalla network security processors and will take advantage of the Proactive Service package from HP Services. “For CEKAB, low total cost of ownership and continuous availability are the most compelling features of the Integrity NonStop system-based solution,” said Sissel Johnsen, CEKAB’s manager of production and operations. “We view HP as a strategic technology partner, and we are pleased to have Sweden’s first continuous availability solution on the new Integrity NonStop server.” ♦

SPEED, THROUGHPUT, AND PERFORMANCE

[CME, UNITED STATES] The Chicago Mercantile Exchange offers the widest range of benchmark financial products available on any exchange, traded via the CME Globex electronic trading platform and its traditional open-outcry markets. CME previously used HP NonStop S-series servers in various production and disaster recovery capacities. Today the exchange is replacing its entire



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production environment with the new HP Integrity NonStop platform. The first server went online in December 2005, making CME the first North American customer to move the Integrity NonStop server into production, and the first customer worldwide to deploy the Triple Modular Redundancy (TMR) option for 99.99999 percent application availability.

John Hart, director of Technology Engineering at CME, is pleased with the results so far. "We chose the Integrity NonStop server for three reasons: speed, throughput,

and performance," he said. "We look at performance in a couple different dimensions. One is latency—how many milliseconds from the time we put an order in the front end of our system until we get a response back out. Latency has been reduced by approximately 35 percent with the Integrity NonStop server, and I believe we'll see even greater reduction once our system tuning is complete. As far as total throughput is concerned, we're not really sure what that is yet, because we've pushed the system as hard as we can and have yet to find the limit."

"The reliability of the NonStop servers has been a key factor in the growth of our electronic markets," said Jim Krause, managing director and CIO at the exchange. "In this business, you don't like to see your name in the paper because a computer problem has shut the markets down prematurely. The continuous availability of the NonStop platform reduces that concern for us. And we expect that the Triple Modular Redundancy and enhanced performance of the new HP Integrity NonStop server will make the CME story even better." ♦

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MASSIVE DATABASE CONSOLIDATION

[MMA, SOUTH KOREA] Military Manpower Administration (MMA) is responsible for keeping track of military service information



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in South Korea, and it has counted on HP NonStop technology to support this mission-critical task since 1984. A few years ago, MMA moved the application to an open, industry-standard Java™ and Web-based environment with the purchase of HP NonStop S74000 and S7400 servers for its headquarters facility and 13 branch offices. Now the time has come for the next step: a massive consolidation of data from the 14 distributed systems into a single HP NonStop SQL/MX database running on the HP Integrity NonStop platform.

MMA boasts the first Integrity NonStop server implementation in Korea, but the excitement doesn't stop there. In another "first" for the region, the ultimate solution will take advantage of not one but *two* high-end HP systems. The next phase of the project will involve a 16-processor HP Integrity Superdome server, which will be used to run BEA Business Process Management (BPM) software. This hybrid solution will also leverage multiple HP ProLiant (DL380) and other (HP Integrity rx8620; HP 9000 rp7420, rp4440, and rp4410) servers.

The goal is to support the massive, real-time database management that MMA requires for its next-generation service. Integrity NonStop and Integrity Superdome servers—together with high-end HP StorageWorks XP SAN storage—create a powerful system that can meet MMA's needs for many years to come. ♦

MODERNIZED RESERVATIONS SYSTEM

[DERTOUR, GERMANY] As the third-largest tour operator in Germany, Deutsches Reisebüro GmbH (Dertour) is eager to expand its business. The company's growth strategy includes a plan to modernize its core applications and move in the direction of a Service-Oriented Architecture (SOA). To that end, Dertour recently took a major step toward revitalizing its reservations system with the purchase of two 6-processor HP Integrity NonStop NS16000 servers with Dual Modular Redundancy (DMR).

Integrity NonStop servers, based on the industry-standard Intel® Itanium® 2 processor, provide 24x7 availability out-of-the-box, and offer the best choice for complex and critical enterprise applications. These servers deliver mainframe class of service: supporting large databases for data integration and driving key applications in high-volume, continuously available, real-time transaction environments.

The sale marked the first Integrity NonStop server deal in Germany. The new platform gives Dertour a significant competitive advantage—with its low total cost of ownership, continuous availability, linear scalability, mixed-workload capabilities, and online maintenance. The German company has had very good experiences with its NonStop servers over the years and has been looking forward to the improved price/performance of the Integrity NonStop platform. Dertour is pleased that this powerful new server is now available to support its aggressive growth strategy in the highly competitive travel and leisure industry. ♦