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## NonStop Computing Update July 2006



Welcome to the July 2006 edition of the *NonStop Computing Update*, a newsletter with information about HP Integrity NonStop and HP NonStop servers.

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## Success Stories

### Using Integrity NonStop servers for massive database consolidation

Military Manpower Administration (MMA) is responsible for keeping track of military service information in South Korea, and it has counted on NonStop technology to support this mission-critical task since 1984. A few years ago, MMA moved the application into an open, industry-standard Web- and Java-based environment with NonStop S-series 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 NonStop SQL/MX database running on the 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 (rx8620, rp7420, rp4440, rp4410) servers. “MMA requires massive, real-time database management for next-generation service,” said account manager

## NonStop Computing News

### New HP BladeSystem c-Class incorporates NonStop technology

On June 14, HP unveiled a breakthrough blade architecture that can save customers millions of dollars as they build out their data centers. Three years in development—and incorporating NonStop server capabilities that enable users to add new connections and update systems without having to take other systems down—the HP BladeSystem c-Class leapfrogs the competition with innovations in virtualization, power and cooling, and system management capabilities that can reduce both operational and capital expenditure costs by 46 percent in a typical data center implementation. The HP BladeSystem c-Class portfolio is a key part of HP's Adaptive Infrastructure offering, which helps customers move toward automated, “lights-out” computing environments that lower the cost of IT operations and deliver a higher quality of service.

>> [Read the press release.](#)

### NonStop blade roadmap

In a June *ComputerWorld* article, Scott Stallard, HP senior vice president and general manager of Enterprise Servers and Storage, expanded on HP's strategy for its revolutionary blade architecture, indicating that the HP roadmap includes a NonStop blade. “In the next few years, HP will produce a blade version of its NonStop system. Putting the fault-tolerant system on specially made Itanium®-based blades with redundant capability ‘completely changes the economics for NonStop’ and will broaden use of a system primarily used today by financial services and emergency services.”

>> [Read the ComputerWorld article.](#)

### July 20: Integrity NonStop NS1000 and NS14000 server overview

Interested in finding out more about the newest Integrity NonStop servers? Want to understand more about the new, low-price, software fault-tolerant solution for smaller and emerging markets and the differences between the NonStop Advanced Architecture (NSAA) and the new NonStop Value Architecture (NSVA)? Tune in to the July 20 Customer Conference Call when Mary Ahrens and Nomi Trapnell will present a product overview and technical information, followed by a Q&A session. The one-hour webcast, presented from 8:00 to 9:00 a.m. PDT (U.S.), is accessible over worldwide toll-free phone numbers for audio and uses the HP Virtual Classroom (HPVC) for slide display. Coming on August 3: Ken Holt presents a NonStop Transaction Management Facility (NonStop TMF) Technical Update.

>> [Register now.](#)

Jong-Up Ahn. "Integrity NonStop and Integrity Superdome servers, together with high-end XP SAN storage, create a powerful system that will meet the customer's needs for many years to come."

### **Integrity NonStop NS1000 server sounds compelling note**

Sometimes a story just catches on, sounding a compelling note that rings around the globe. So it was with the June 5 announcement of the Integrity NonStop NS1000 server, the new entry-level member in the Integrity NonStop server family that delivers a low-price, software fault-tolerant solution for smaller and emerging markets requiring real-time access to their most critical business applications.

"The NS1000 Server breaks through the glass floor of the glass house to the mid-market, which we see as an emerging opportunity. There are no competitive systems that can deliver the same level of five 9s, (99.999 percent) of availability."  
—*internetnews.com*

At last count, scores of articles from leading media outlets, among them *eWeek*, *Computerworld*, *IT Jungle*, *CIO*, *SearchDataCenter*, and *internetnews.com*, were communicating the buzz.

>> [View press articles.](#)

>> [See the Integrity NonStop NS1000 server overview.](#)

### **Verizon's UMS solution in production on Integrity NonStop servers**

Verizon Information Technologies LLC's [Usage Management System](#) (UMS) software processes data for telecommunications billing purposes in the new "triple play" environment of voice, data, and video. Just beginning production with a large Asian telecommunications firm, the Integrity NonStop server-based UMS system incorporates techniques such as a rule-based engine, user table access, and user-interactive PC-based tools to increase the flexibility of user-controlled changes. This functionality also accommodates converged usage collection, mediation, and tariffing processing for a growing range of wireline, wireless, and Internet Protocol (IP) products and services. The UMS solution helps wireless and wireline carriers react quickly with next-generation products and services, while lowering the cost of operations.

>> [Check out the interactive search tool to find more Integrity NonStop server solutions.](#)

### **Integrity NonStop open source software packages**

More than 200 open source tools, utilities, libraries, and packages have been ported to the Integrity NonStop server platform and are available for download at no cost to customers. Other resources include the NonStop Open Source SIG and a white paper for software developers.

>> [Go to the HP Integrity NonStop open source software web page.](#)

### ACI provides standards-compliant SSL/TLS support

ACI Worldwide provides standards-compliant SSL/TLS support for XPNET TCP/IP communications through SSLCLI and SSLSRV processes, which are built on, and can be used in place of, TCPCLI and TCPSRV processes. ACI's integrated SSL/TLS support is based upon SafeTGate:SSL software, fully tested and supported by the people who wrote XPNET, and is the only BASE24 certified SSL/TLS solution available for the NonStop platform.

>> [Read about ACI's comprehensive suite of security solutions for the NonStop server.](#)

### Bowden System updates NTP and offers free software

Bowden Systems has updated its Network Time Protocol (NTP) product for NonStop servers to fix minor errors in logging and to correctly use the DRIFT file, making it possible to redirect logging to a file. Free software like perl 5.4, X-Windows for Open Systems Services (OSS), and X-Windows for Integrity NonStop servers and the Guardian environment can be found at the Download Free button on the [Bowden System website](#). For more information, contact [sales@bsi2.com](mailto:sales@bsi2.com).

### ComForte SecurTN displays detailed workstation information

SecurTN, a solution for secure terminal access to NonStop systems, has been enhanced to display detailed workstation information. The host and user

### HP leads in Forrester analysis of disaster recovery service providers

Forrester puts HP's disaster recovery services squarely in the leadership quadrant in an analysis of disaster recovery (DR) service providers that assesses the state of both the fixed-site and the mobile recovery markets. According to the report, "Once a distant third to SunGard and IBM, HP has been attracting many more customers by aggressively building out infrastructure over the last three years. HP has invested US\$100 million in its DR services business and has increased its number of individual sites from 46 to 62.2."

>> [Download Forrester Wave: Disaster Recovery Service Providers, Q1 2006 from the HP Enterprise media center and library.](#)

>> [Find out more about NonStop business continuity and disaster recovery software.](#)

### Electronic payment volumes to double by 2010

A recent study sponsored by ACI Worldwide and conducted by Global Insight, Inc. found that the annual number of electronic payment transactions, currently at approximately 210 billion worldwide, will double by the end of the decade and is growing at a compounded annual rate equal to four times the expected growth in real gross domestic product (GDP). The Eastern Europe and Asia-Pacific regions are forecast to lead the world in electronic payment transaction growth, predicted at 21.6 percent and 19.2 percent, respectively. Other regions, including the Middle East, forecast to increase 15.9 percent, and NAFTA (North American Free Trade Alliance), expected to grow 12.3 percent, point to considerable growth within economies that have already established electronic payment infrastructures. The study represents the first comprehensive, econometric approach to forecasting global payments across countries representing 97 percent of the world's GDP.

>> [Read more.](#)

### New HP OpenView software enables CIOs to run IT as a business

HP has announced new HP OpenView management solutions that enable CIOs to transform their information technology departments into more efficient, effective, and responsive business organizations. By tightly aligning IT priorities with business requirements, IT departments can deliver greater value while optimizing performance, reducing risk, and increasing agility. Unveiled at HP Software Forum 2006, the software includes:

- OpenView DecisionCenter—aligns IT with changing business needs using business impact analytics and "what if" simulation to model business services.
- OpenView AssetCenter—automates the process of asset management, effectively improving control and return on investment

names of the workstation accessing the system are now added to the audit trail and displayed in the list of sessions, making SecurTN an ideal solution for regulatory compliance in the Telnet environment. Find [more information about SecurTN](#).

### **CSP NetPass easy multinode password management**

CSP NetPass is an efficient time-saving tool that allows administrators to easily manage passwords on many nodes at once within the NonStop server environment. CSP NetPass can operate with or without HP Safeguard software installed. For more information, visit <http://www.cspsecurity.com/netpass.html> or contact [sales@CSPSecurity.com](mailto:sales@CSPSecurity.com).

### **TSI introduces TE2000, a tape encryption appliance**

Tributary Systems Inc. (TSI), partnering with NeoScale Systems Inc., now offers tape encryption on Integrity NonStop and NonStop S-series servers. Supporting SCSI and FC drives, the TE2000 appliance offers FIPS 140-2 Level 3 security certification. For additional information, contact Larry Meyers at +1 (817) 354 8009, ext. 32, or [salesusa@tributary.com](mailto:salesusa@tributary.com).

### **Password Manager “Autoload” tokens special offer**

The Password Manager Token generates cryptographically strong passwords that help gain employee acceptance by configuring password tokens to corporate standards. The Autoload system supports all DoD, Sarbanes-Oxley, HIPAA,

while ensuring regulatory compliance.

- OpenView Application Insight—optimizes performance of business services by offering visibility into the performance of all supporting applications and infrastructure components.

>> [Read more](#).

### **Mark Hurd, Randy Mott, and Ann Livermore at HP Technology Forum**

The 2006 HP Technology Forum will feature keynote addresses from Mark Hurd, HP chief executive officer and president, Randy Mott, HP chief information officer, and Ann Livermore, HP executive vice president of the company's Technology Solutions Group. These three top HP executives will address upwards of 7,000 HP customers, partners, and employees at the event to be held September 17–21 in Houston. To help enable companies to send representatives to both the ITUG Summit 2006 and the HP Technology Forum, ITUG offers a significantly discounted package with savings of nearly US\$700 if purchased by August 1 (use PROMOTION CODE "ebucks" when registering).

>> [HP Technology Forum details](#).

>> [ITUG discounted registration package](#).

### **HP expands finance and telco consulting and integration**

HP has acquired The Technology Partners, SpA (TTP), an IT consulting and systems integration company that specializes in the financial services and telecom industries. Based in Milan and Rome, TTP has approximately 330 consultants and was formerly part of the Carisma group, the leading strategic consulting firm in Italy. The acquisition will boost HP Services' capabilities in data warehousing, business intelligence, customer relationship management, and security. In addition, TTP's proven operational efficiency will contribute to HP's market position and delivery capabilities.

>> [See the press release](#).

and FISMA password compliance requirements. With reduced pricing, five tokens are now available for the price of two. For more information, visit <http://shop.usahero.com/password-mgr.html>.

## Education News

### Preconference technical seminars at ITUG Summit 2006

ITUG Summit 2006 attendees: take advantage of intensive one-day technical workshops offered the weekend prior to the conference. Dedicated to one important topic, these sessions are considerably more interactive than those in the conference and afford additional time to delve deeper into a specific topic and subtopics. Offered on October 14 and 15, seminars are from 9:00 a.m. to 5:00 p.m. A single seminar is offered for US\$349. A two-day workshop package is available for US\$500. Seminar topics include:

- Quick Introduction to NonStop SQL/MX for NonStop SQL/MP Users
- Quick NonStop NS-Series Server Fundamentals
- Quick Overview to Systems with NonStop Value Architecture (NSVA)
- Quick Introduction to NonStop Transaction Services/MP Programming in the OSS Environment
- Quick NonStop SQL/MX Physical Database Design
- Quick Introduction to Integrity NonStop NS14000 and NS1000 Servers

## User Group News

### Register today for ITUG Summit 2006

[ITUG Summit 2006](#), to be held October 15–18 in San Jose, California, brings together NonStop technology and business professionals under one roof.

>> [Register today](#).

### Regional User Group updates

There are more than 30 active ITUG Regional User Groups (RUGs) worldwide. Currently published meeting schedules are listed here.

- » [OZTUG](#): The Australian NonStop User Group will hold its 2006 ITUG Australasia and OZTUG Conference on July 24–25 in Sydney.
- » [PNUTS](#): The Pacific Northwest Users of Tandem Systems will hold a luncheon meeting on August 2 at the HP office in Bellevue, Washington.
- » [SUNTUG](#): The first ever SunTUG Open Source Symposium will be held on July 21 in Tampa, Florida. Register on the SunTUG website.

>> [See the complete 2006 ITUG calendar for RUGs and SIGs](#).

>> [Read more about these seminars and register today.](#)

## Service and Support News

### Support Notes, June 2006

>> [View the NonStop technology Support Notes released during June.](#)

## Spotlight HP

### Personalized books are World Cup winner

Lorien Unique uses an HP Indigo press 3050 to print personalized World Cup children's books for Penwizard, a supplier of web-to-print personalized products. The books make children's dreams come true as they see themselves chosen to play for their country alongside their favorite players and go on to win the World Cup. Details such as the child's name, the team (for example, England, Germany), team colors and strip, two team players, and the name of a coach or manager can be specified to bring the story to life. It's the perfect gift for any World Cup fan. For more information, visit <http://h41131.www4.hp.com/uk/en/pr/UKen27062006182120.html?PHPSESSID=296>.

## Important Phone Numbers and Links

(Phone numbers are for North America only, unless otherwise noted.)

» [NonStop news](#)

The very latest NonStop product news.

» [Global Customer Support Center:](#)

1 (800) 255 5010 (U.S. only)  
Technical hardware and software defect support and usage assistance.

» [NonStop Presales Group](#)

(800) 282 6672  
Product information, price quotations, order processing information.

» [NonStop eServices portal](#)

A convenient, password-protected portal with access to a wide variety of services.

» [NonStop Education & training:](#)

1 (800) 472 5277  
Education schedules, information, prices, and class enrollments.

» [NonStop Customer Conference Call](#)

Monthly technical updates—a "What's New" in the NonStop world.

» [NonStop Technical Library](#)

A wide range of NonStop product publications, including technical manuals, articles, and support information.

» [Interactive Upgrade Guide](#)

An interactive tool to help plan system release migrations.

» [Web technology](#)

Preserving your investment in NonStop system business applications and databases while applying the latest Internet technologies.

» [Product information for Integrity NonStop and NonStop servers](#)

» [HP alternatives for legacy mainframes/Mainframe Transition Tool Matrix](#)

» [ITUG](#), a user group for the NonStop server community:  
+1 (312) 321 6851.

» [NonStop partners](#)

Information on strategic partnerships, partner products, services, and solutions.

» [Integrity NonStop server partner solutions and applications search tool](#)

Interactive, cross-platform tool to quickly find NonStop solutions.

» [Business continuity and disaster recovery solutions](#)

Basic information about business continuity, NonStop products and services for business continuity and disaster recovery, and customer successes.

» [NonStop software](#)

Information for developers of NonStop system applications.

» [NonStop Services & support](#)

» [Network & service providers](#)

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