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## NonStop Computing Update August 2007



Welcome to the August 2007 edition of the *NonStop Computing Update*, a newsletter with information about HP Integrity NonStop and HP NonStop servers.

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**Home Depot makes SOA real**

The Home Depot knows its customers. It knows that people often need to return goods. And it has Marty Edelman and his team making sure that the refund process is quick, accurate, and painless. Edelman is director of Advanced Technologies at the Home Depot, with responsibility for application development in the company's NonStop system environment. Along with John Rohland, another senior manager, Edelman oversees all point-of-sale solutions for the company. One such solution is the receipt lookup system. This innovative application allows any associate of the Home Depot to access complete sales data on any credit, debit, or check transaction via a browser-based terminal or POS device, and take the appropriate action immediately, while the customer is still there. According to Edelman, "On a nice weekend in spring, it's not unusual for 4 or 5 million transactions a day to hit the NonStop server. Our first priority is keeping the system up and running, without any hiccups. The NonStop system ensures that we're always available to serve the customer."

>> [Download the story.](#)

**Improving patient care with GE Centricity Enterprise and Integrity NonStop servers**

The GE Healthcare Centricity Enterprise solution helps hospital staff to enhance patient care and satisfaction by providing a comprehensive suite of business applications to run the healthcare organization. Centricity Enterprise is the "glue" that integrates core clinical processes—orders, results, pharmacy, and care documentation—with administrative and financial processes for scheduling, registration and admitting, charging, and billing. The solution, which runs exclusively on Integrity NonStop servers, delivers the lowest TCO with the highest reliability, availability, and scalability to meet the needs of small and large hospitals.

>> [Go to the new white paper.](#)

**Leveraging SOA to lower costs, increase productivity, and optimize business outcomes**

If you haven't yet implemented a service-oriented architecture (SOA)—something that Integrity NonStop system users in various industries have already done successfully—then it's probably high on your list of things to look into. And with good reason: SOA has enormous potential to enhance business agility, protect existing IT investment, lower costs, and improve business outcomes.

For insight on SOA, Timothy Keefauver, director of HP's software product management organization, and Mike Zivkovic, recently retired director of strategy for the NonStop Enterprise Division, recently shared their knowledge of SOA and highlighted the important role that Integrity NonStop technology can play in this powerful, business-centric architecture.

>> [Download this and other articles in the Technology Update of the summer edition of 24x7 Magazine.](#) Or see the [SOA on NonStop servers](#) Web page.

### HP and Wal-Mart partner for next-generation Business Intelligence solution using HP Neoview

Wal-Mart has selected the HP Neoview data warehousing platform to power complex analysis of data collected across its 4,000 U.S. stores. A long-time HP customer with significant experience in data warehousing, Wal-Mart turned to HP to partner in building its business intelligence solution. Nancy Stewart, Wal-Mart chief technology officer, stated that “the HP partnership is part of a continued effort to drive innovation into every facet of Wal-Mart’s business and IT operations.” HP Neoview, based on the NonStop architecture, is the company’s flagship enterprise data warehousing platform. It integrates hardware, software, and services to offer the high performance and high availability that customers such as Wal-Mart require. “At Wal-Mart, we never underestimate the importance of investing in innovative solutions that will improve our ability to understand and anticipate our customers’ needs,” said Jim Scantlin, director, Enterprise Information Management, Wal-Mart. “Our experience with HP Neoview has proven that we made the right decision to partner with HP for our next-generation business intelligence needs.”

According to a [recent InformationWeek article](#), “It’s a huge win for HP, which entered the well-established data warehouse market with its announcement in April of Neoview...HP CEO Mark Hurd, who ran NCR and its Teradata

### Availability Digest examines mean time to recover

The *Availability Digest* follows up its recent focus on benchmarking with a look at mean time to recover as a better metric for system availability. Also reviewed are the book *Toward Zero Downtime*, the probability of data collisions in active-active systems, and HP’s explosive demonstration of fast failover. The Digest is free online.

[www.availabilitydigest.com](http://www.availabilitydigest.com)

### Bowden Systems declares ITUG a success

More than 60 people attended the Bowden Systems Network Time Protocol (NTP) presentation at ITUG. Bowden Systems will be giving the same presentation again at ITUG Europe 2007 in October. If you missed the presentation, now is your chance to learn all about NTP in Europe. For more information, visit [www.bsi2.com](http://www.bsi2.com) or [www.itug.org](http://www.itug.org).

### Automatic Transaction Management patent issued

As a result of seminal research and development in the area of automatic transaction management, [Carr Scott Software](#), developers of [NonStop AutoTMF](#) technology, was recently granted [U.S. Patent 7,246,123](#). The patented technology allows non-TMF applications to use TMF files without reprogramming to include transaction coding.

### SecurTape leaves no excuse for unencrypted tapes

comForte’s new version of SecurTape now supports both TMF and BACKCOPY and utilizes multiple CPUs for parallel cryptographic processing. With throughput rates as high as standard BACKUP and RESTORE, SecurTape allows a cost-effective implementation of tape encryption without adding hardware or affecting overall system performance. See [more information](#) online.

### XYPRO “PCI” solutions paper for NonStop servers

PCI is a collective effort by credit card companies to supply a single security standard for companies that accept payment card transactions. A new white paper from XYPRO, entitled *XYGATE & PCI Compliance*, describes areas in which PCI is applicable to NonStop server-based enterprises and how XYPRO products can help comply with the new standard. It provides a summary list of the PCI requirements and explains the XYGATE products applicable to each. Download the paper at <https://www.xypro.com/> and see the entire PCI standard at <https://www.pcisecuritystandards.org/>.

division before joining HP two years ago, drove the Neoview project. Wal-Mart has been a marquee customer of Teradata—its Teradata installation is one of the world's largest data warehouses and plays a key role in a data-sharing network with suppliers called Retail Link.”

>> [Go to the press release](#) or [www.hp.com/go/neoview](http://www.hp.com/go/neoview).

### **HP drives data center energy efficiency with thermal services and dynamic smart cooling**

HP has made enhancements to its extensive energy-efficiency portfolio for the enterprise, including a first-of-its-kind thermal zone map for data centers and new customers and partners of the HP Dynamic Smart Cooling solution. HP Thermal Zone Mapping enables customers to see a three-dimensional model of exactly how much and where data center air conditioners are cooling. As a result, they can arrange and manage air conditioning for optimal cooling, increased energy efficiency, and lower costs. The capability is a patent-pending development from HP Labs, the company's central research facility, and is part of the HP Thermal Assessment Services offering. Customers can reduce data center cooling energy costs by up to 45 percent by using Thermal Zone Mapping and Dynamic Smart Cooling (DSC), an advanced hardware and software solution that continuously adjusts data center air conditioning settings to direct where and when cooling is required. The DSC solution is based on real-time air temperature measurements from

## **User Group News**

### **Attend ITUG Europe 2007, October 8–10, Brighton, England**

ITUG Europe 2007, to be held October 8–10 at [The Brighton Centre](#) in Brighton, England (UK), is Europe's premier NonStop event. Join us at the conference to learn the latest technology information, participate in educational opportunities, gain insight about real-time industry business application solutions, and hear from a distinguished lineup of NonStop users, industry experts, and HP executives.

>> [Register now](#).

### **Register today for First Executive Finance Forum 2007 at ITUG Europe 2007**

The first Executive Finance Forum 2007—“Banking on the Global Electronic Society”—will be presented in conjunction with ITUG Europe 2007 and the ifs School of Finance on October 9. The Forum is specifically designed for bankers and other financial practitioners and will focus on the global electronic society and its impact on European financial affairs. The range of new technologies described broadly as Web 2.0 is not only creating another generation of e-commerce solutions, but also is changing the way old world companies market themselves. The Executive Finance Forum will help bankers see the big picture and understand how these forces are creating a society largely interconnected by real-time networks and automation. It will highlight the most important changes and suggest how banks should adapt their business strategies, policies, and systems. Hear from experienced analysts, finance practitioners, and solution experts, including:

- Professor David P. Reed, MIT Media Laboratory, HP Fellow at Hewlett-Packard Laboratories, and author of *Reed's Law*
- Scott Healy, ITUG chairman, vice president, Sabre Holdings
- Larry Ryan, HP director of Worldwide Financial Services Industry Practice
- Bob Giffords, Banking and Technology analyst

>> Attendance is limited. [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.

- » RMTUG: The Rocky Mountain Tandem User Group (RMTUG) will hold a meeting on September 6 in Lone Tree, Colorado.
- » BITUG: The British Isles NonStop User Group (BITUG) will hold a SIG meeting about OSS, NonStop SQL/MX, and MQ on September 12 in London.

a network of sensors deployed on IT racks. HP is using Thermal Zone Mapping and DSC for its own data center consolidation project.

>> [Read more.](#)

- » DUST: The Desert Users of Tandem (DUST) will hold a meeting presenting Network Concepts hardware and software roadmap on September 25.
- » ATUG: The Atlanta Tandem Users Group (ATUG) will hold a meeting on September 27 in Charlotte, North Carolina.

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

## Service and Support News

### Support Notes, July 2007

>> [View NonStop technology Support Notes released during July 2007.](#)

## Spotlight HP

### HP and MIT create nonprofit organization to support DSpace users

HP and the MIT Libraries today announced the formation of the DSpace Foundation, a nonprofit organization that will provide support to the growing community of institutions that use DSpace, an open source software solution for accessing, managing, and preserving scholarly works in a digital archive. Jointly developed by HP and the MIT Libraries beginning in 2002, today more than 200 projects worldwide are using the software to digitally capture, preserve, and share their artifacts, documents, collections, and research data. The foundation will assume responsibility for providing leadership and support to the ever-growing DSpace community and promote even wider distribution and use. Michele Kimpton, formerly of the Internet Archive ([www.archive.org](http://www.archive.org)), will serve as executive director of the DSpace Foundation.

>> [Read more.](#)

## Important Phone Numbers and Links

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

- » [Why Buy NonStop?](#)  
Support for selling the NonStop value propositions to the executives in your company.
- » [NonStop news](#)  
The very latest NonStop product news.
- » [Global Mission Critical Solution Center](#)  
1 (800) 255 5010 (U.S. only)  
Technical hardware and software defect support and usage assistance.
- » [NonStop Presales Group](#)  
1 (800) 282 6672  
Product information, price quotations, and order processing information.
- » [NonStop eServices portal](#)  
A convenient, password-protected portal with access to a wide variety of services.
- » [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.
- » [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.
- » [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.
- » [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](#)
- » [Better modernization for legacy mainframes](#)
- » [ITUG](#), a user group for the NonStop server community:  
+1 (312) 321 6851
- » [NonStop Services & support](#)
- » [Network & service providers](#)

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