



NonStop Computing Update

August 2008



Welcome to the August 2008 edition of the *NonStop Computing Update*, a newsletter providing the latest information about HP Integrity NonStop and HP NonStop servers.

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Success Stories

Premier card authorization

With 1,350 branch offices and nearly 19,000 employees, Seoul-based Kookmin Bank is the leading bank in South Korea. It provides a full range of personal and corporate banking services, including credit cards, Internet banking, mobile banking, and life insurance. Kookmin Bank is ranked among the Fortune Global 500.

Card authorization is a business-critical application for the bank

NonStop Computing News

Martin Fink enters blogging world

Martin Fink, senior vice president and general manager of Business Critical Systems, officially entered the blogging world in July with his new blog, entitled *Martin's Musings on Mission Critical Computing*.

"My goal with this blog is to comment on events and happenings in the mission critical computing space. I'll share my thoughts on current events, and where I think things are heading. I'll try to avoid blatant marketing stuff (we have other venues for that), but I'll make you tolerate a few pokes at my main competitors (hopefully in a fun and lighthearted way). If for some reason I feel the need to take a break from my day job, I may also comment on a few of my main hobbies: home theaters and digital multimedia creation. I expect disagreements along the way, so feel free to share. Blogging is about sharing, sometimes we'll agree, and sometimes we won't."

>> [Read/bookmark Martin's blog.](#)

and so has long been entrusted to the NonStop platform, most recently a NonStop S74000 server. With the introduction of the Integrity NonStop NS16000 platform with Triple Modular Redundancy (TMR), Kookmin Bank saw an opportunity to enhance the availability of its card authorization system. "The Integrity NonStop NS16000 TMR server is the only system in the world to offer 99.99999 percent uptime," said IT Senior Manager Moon-Gu Hur. "Kookmin Bank has trusted the NonStop platform for a long time, so this migration was a natural choice."

Kookmin Bank purchased a 16-processor Integrity NonStop NS16000 server, with application software from ACI Worldwide. An HP StorageWorks XP12000 disk array was also part of the deal. The HP Superdome server is used for customer relationship management (CRM) and Internet banking.

>> Read more [NonStop success stories in the Summer 2008 edition of 24x7 magazine.](#)

HP and Opus to provide 24/7 integrated payment solution

HP and Opus Software Solutions have announced an integrated payments solution to help financial institutions minimize operational costs and risks of real-time transactions. The collaboration combines Integrity NonStop servers with the Opus electronic payments platform by porting the Opus Electra EFT Switch to the NonStop platform. The open architecture of Integrity NonStop servers will allow the Electra EFT Switch to authenticate and route financial transactions from multiple channels including ATMs, POS systems, Web services, and mobile devices. Businesses with disparate or legacy systems can upgrade to this integrated payments platform to improve cost efficiency, scalability, security, and data integrity. The Electra integrated platform interfaces with various back-end host systems (centralized and distributed) and international payments networks such as Visa, MasterCard, and American Express for transaction authorization.

>> [Learn more.](#)

U.S. patent awarded for industry-standard HP Atalla Key Block

In June 2002, HP Atalla "placed a bet" that, in offering the Atalla Key Block (AKB)—a better way to protect cryptographic keys in financial interchange networks—to the banking industry for free, they could gain market share with products optimized to the AKB. In June 2008, the final payment on that bet paid out with the awarding of U.S. patent number 7,392,384. The AKB, and related products such as the HP Atalla Ax150 Network Security Processor (NSP), reaffirmed that not only was HP Atalla the pioneer in commercial cryptography, but is now also the technological and market leader in securing the bank payments network.

>> [Read more.](#)

General News

HP's TCO Challenge

Are your mainframe costs affecting your business? Now you can see how much you can save by dumping your mainframe. You might be surprised. Spend 10 minutes or less filling out HP's questionnaire and you'll receive an estimated Total Cost of Ownership (TCO) report that shows how you can save your enterprise money by moving from your current IBM mainframe environment to HP Integrity or Integrity NonStop servers. Privacy protected.

>> [Take the Challenge.](#)

HP ships millionth blade

HP has shipped its one millionth blade server, hitting the milestone before any of its competitors. According to analyst firm IDC, HP continues to be the leader in revenue and shipments for the blade market, which is predicted to grow 45 percent in 2008. "Blades have developed into a mature technology in the data centre," said Thomas Meyer, vice president of Systems Research for IDC in EMEA. According to Meyer, reliability, scalability, manageability, and TCO/ROI remain the top four reasons why many invest in blade servers.

>> [Read more.](#)

Partner News

Bowden Systems releases new versions of SNTP and SSH

Bowden's NSK-SNTP V1.3 supports primary and backup time sources to prevent outages if the primary time source fails, to handle up to an eight-minute offset from the source on startup, to switch between primary and backup on startup, and to support DNS host names. The new release of NSK-SSH V2.5 supports large file access and direct SFTP Guardian access so that you can copy files larger than 2 GB for the Open System Services (OSS) file system. Bowden also offers a new program, SFTPG, for directly copying files to and from the Guardian system and has updated the Guardian SFTP server to have these same capabilities. See more information at www.bsi2.com or contact sales@bsi2.com.

Washington Federal relies on NonStop security by comForte

Washington Federal strengthens security levels for NonStop transactions and improves the access to Pathway screens with JPath software from comForte. [Read more.](#)

Broadridge SIS moves from Enscribe to NonStop SQL

Broadridge's SIS division runs a mission-critical NonStop system-based equity and mutual fund trading application for the brokerage industry. The SIS solution, originally based on legacy Enscribe technology, now leverages the powerful, flexible, and open NonStop SQL database through the use of intelligent database middleware. [Read more in A Compendium of Success: Carr Scott Software Database Enhancement Products for HP NonStop Systems \(page 16\).](#)

User Group News

Participate in Community Connect Europe 2008

Plan now to attend Community Connect Europe 2008, to be held November 10-12 in Mannheim, Germany. This first-ever event provides a way for Connect users, prospects, and third-party vendors throughout the EMEA region to gather in one place for learning, networking, and sharing individual and corporate experiences.

Community Connect Europe 2008 will continue to provide the traditional NonStop technology content you've come to expect, while offering additional educational and networking opportunities related to other HP Enterprise platforms.

>> [Register by September 22 and save.](#)

Education News

Upcoming Customer Conference Calls

The following one-hour webcasts, presented from 8:00 to 9:00 a.m. PDT (U.S.), are accessible over worldwide toll-free phone numbers for audio and use the HP Virtual Classroom (HPVC) for slide display.

- August 28
Topic: Integrity NonStop BladeSystem Early Adopter Program Experience
Presenters: Wil Marshman, Nestor Fernandez, and Mittal Parekh
- September 10
Topic: NonStop Transaction Analyzers (ATM and POS) and the Operations Bridge
Presenter: Bob Loftis
- September 17
Topic: Introducing NonStop SQL DDL Replicator (SDR)
Presenter: Bob Loftis
- September 25
Topic: Improvements to HP Operations Agents for NonStop (OVNM 5.0 and OVNPM)
Presenter: Bob Loftis
- October 23
Topic: Business Continuity Update: RDF 1.9 and TMF 3.6
Presenter: Bob Loftis

>> [Sign up for conference call announcements, view upcoming presentations, or replay previous calls.](#)

Service and Support News

Support Notes, July 2008

>> [View NonStop technology Support Notes released during July 2008.](#)

Spotlight HP

Global cloud computing research test bed

HP, Intel Corporation, and Yahoo! have announced the creation of a global, open source test bed for the advancement of cloud computing research and education. The Cloud Computing Test Bed will provide a globally distributed, Internet-scale testing environment designed to encourage research on the software, data center management, and hardware issues associated with cloud computing at a larger scale than ever before. It will initially consist of six “centers of excellence” at Infocomm Development Authority of Singapore (IDA), facilities, the University of Illinois at Urbana-Champaign, the Steinbuch Centre for Computing of the Karlsruhe Institute of Technology, HP Labs, Intel Research, and Yahoo!. Each location will host a cloud computing infrastructure, largely based on HP hardware and Intel® processors, and will have 1,000 to 4,000 processor cores capable of supporting the data-intensive research associated with cloud computing. The test bed will leverage Yahoo!’s technical leadership in open source projects by running Apache Hadoop—an open source, distributed computing project of the Apache Software Foundation—and researchers at HP Labs will use it to conduct advanced research in the areas of intelligent infrastructure and dynamic cloud services.

>> [Find out more.](#)

Important Phone Numbers and Links

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

» **Service-oriented architecture (SOA) on NonStop servers**

Enabling applications to work better together and new business processes to be deployed quickly.

» **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 product documentation**

Find NonStop product documentation, along with other HP product documentation. Download *Tips for Locating NonStop Documents* for help finding NonStop publications, including how to limit searches to just NonStop 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.

» **Java Technology**

Limitless e-business growth and the portability and ease of Java™ technology can go hand in hand.

» **Product information for Integrity NonStop and NonStop servers**

» **Why Migrate to HP?**

» **Interactive Upgrade Guide**

An interactive tool to help plan system release migrations.

» **ITUG**, a user group for the NonStop server community: +1 (312) 321 6851

» **Connect**, the independent, global user community of HP business technologies: +1 (312) 321 6803

» **Why Buy NonStop?**

Support for selling the NonStop value propositions to the executives in your company.

» **NonStop Services & support**

» **For network & service providers**

Technology for better business outcomes

For more information, go to www.hp.com/go/nonstop.

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