

Belgacom Group upgrades to Integrity NonStop servers for mission critical telecom billing

The Belgacom Group, Belgium's benchmark provider of integrated telecommunications services, has developed a complete range of both fixed line and mobile telephone solutions through a variety of strong brands. Processing 40 million calls and 200,000 invoices a day, Belgacom's major challenge is the huge job of tracking customer calls and then billing correct amounts.

To achieve a highly available, flexible hardware platform for mission critical billing systems, the telecom provider recently replaced its aging NonStop systems for the new Integrity NonStop servers. Belgacom expanded its environment into two data centers to ensure the utmost availability and security of data and applications. The new system is not only faster but also can easily absorb an increase in data volume without affecting availability. "HP Integrity NonStop servers enable us to achieve our targets for availability, stability, and reliability and therefore provide an excellent platform for our mission critical billing application," reports Bruno Dujardin, Belgacom systems manager.

>> [Read the full story.](#)

Integrity NonStop NS3000AC server for telecommunications in emerging markets

HP introduces a new entry-class Integrity NonStop server for small and medium telecommunications operators in emerging markets: the Integrity NonStop NS3000AC server. The Integrity NonStop NS3000AC server is a high-performing system that enables multinational operators to accelerate growth through delivery of new and innovative telecommunications applications such as home location register (HLR), real-time prepaid, value-added services, and messaging. New operators are under intense pressure to remain competitive in the highly saturated telecommunications marketplace. System downtime can lead to service interruptions and negative business consequences such as loss of revenue and customer attrition due to dissatisfaction. The Integrity NonStop NS3000AC server mitigates this risk by providing large-system equivalent performance and functionality at a small to medium business-friendly price. Based on the NonStop Value Architecture (NSVA), the Integrity NonStop NS3000AC server adds a new option in price/performance levels while maintaining high levels of availability and providing industry-standard data integrity through the use of industry-standard components. Like other Integrity NonStop servers based on the NSVA, the new Integrity NonStop NS3000AC server exploits the traditional advantages of NonStop servers, which include fully integrated hardware and software and provide application availability and fault tolerance right out of the box.

>> Read the Integrity NonStop NS3000AC server [media advisory](#) and the [Integrity NonStop carrier-grade server overview](#).

Performance improvements with new release of NonStop TMF software

The new release of NonStop Transaction Management Facility (NonStop TMF) software can help businesses improve operational efficiencies by improving performance. Users of applications with the highest transaction rates will benefit most by the faster commit time now provided by NonStop TMF 3.5 software, especially for those applications used in environments with HP StorageWorks XP disk arrays. NonStop TMF 3.5 software offers improved performance by providing finer-grained control of the Transaction Monitor Process (TMP) Wait Timer, thus allowing users to tune commit processing performance. NonStop TMF 3.5 software is available now, with the generally available Release Version Update (RVU) H06.10 of the Integrity NonStop operating system, Mission Critical Edition. It is bundled with the base operating system, and customers will receive these new features automatically when they order an RVU H06.10 site update tape (SUT).

>> [Read more.](#)

HP launches offerings to lead to successful adoption of SOA

HP has launched new offerings to bring service-oriented architecture (SOA) out of the prototype stage and into successful enterprise deployment. With a new combination of software and services for SOA, HP is enabling customers to mitigate business risk and deliver high-quality, measurable business outcomes from SOA initiatives. HP's Business Technology Optimization (BTO) for SOA is an integrated set of software and services designed to help customers address some of the biggest challenges in SOA adoption, including:

- Gaining control over the lifecycle of services creation and reuse
- Reducing the risk of low-quality, poor-performing services
- Managing services and application in production
- Identifying and resolving SOA-related problems before they negatively impact the business
- Utilizing services regardless of the underlying integration platform

Capitalizing on its acquisition last year of Mercury and including key Systinet governance offerings, HP's BTO for SOA helps customers establish a practical, flexible, and incremental approach for deploying SOA governance, quality, and management across their organizations.

>> [Read more.](#)

HP Visual Inspect, Version 3.4: Support for Microsoft Windows Vista

The latest version of HP Visual Inspect software for Integrity NonStop servers offers support for Microsoft® Windows Vista™ as well as other enhancements and new features. Available immediately, version 3.4 of HP Visual Inspect software offers an open debugging architecture that is flexible, easy to use, and capable of addressing distributed, heterogeneous applications. Users can debug multiprocess applications, where processes may exist on a single machine or may be distributed across a network. Users are also able to perform postmortem debugging, where application-state information is saved for later analysis. HP Visual Inspect software provides debugging support for explicitly parallel instruction computing (EPIC), RISC, and CISC machine architectures and compilers, and the HP Guardian and Open System Services (OSS) environments.

>> [See other enhancements in HP Visual Inspect, Version 3.4.](#)

HP Trusted Compliance Solution for Energy (TCS-e)

HP now offers an integrated security appliance for energy customers that provides an additional line of defense against cyber-security threats and helps automate compliance tasks. The HP Trusted Compliance Solution for Energy (TCS-e) helps power and energy companies mitigate security risk by providing robust protection against threats from computer hackers. The automation technology in HP TCS-e also helps energy companies reduce the business risks and costs associated with noncompliance, such as regulatory audits, sanctions, and hefty fines. The solution combines HP compliance automation software and storage technology with event data management security analysis software from SenSage, Inc. It also includes the HP Atalla FIPS 140-2 Level 4-certified hardware-based security subsystem, which provides cryptographic operations—privacy, integrity, authentication, and nonrepudiation—and hosts the security-sensitive portions of the TCS-e applications. HP TCS-e was designed specifically to meet the cyber-security, compliance, and audit requirements of the North American Electric Reliability Corporation Critical Information Protection (NERC-CIP) 002-009 reliability standards mandate. HP TCS-e automates the NERC-CIP compliance management processes and transforms an energy operator's intent to comply with new regulatory standards into actual plans, controls, records, and processes.

>> Go to [the press release](#) and [the HP Trusted Compliance Solution for Energy page](#).

HP again No. 1 in worldwide server shipments

Marking its 20th consecutive quarter of server shipment leadership, HP once again was number one in total server units shipped, according to first calendar quarter 2007 server market figures released today by industry analyst firm IDC. HP grew overall server shipments by 16.6 percent in the first quarter, growing faster than the top 10 vendors in the worldwide server market. Driven by strong growth across its ProLiant, Integrity, and BladeSystem families, HP captured 33.6 percent shipment share in the first quarter, shipping more than one out of every three servers in the world.

Go to the [press release](#).

HP touts security, trust as it pursues smaller businesses

In an interview with *SearchSecurity.com*, Chris Whitener, newly appointed director of security for HP's Enterprise Storage and Servers (ESS) group, answers questions about HP's security strategy and how the company intends to protect its customers and lock-down sensitive data.

[Read the interview](#).

Partner News

Availability Digest discusses value of availability benchmarks

System availability has become as important a concern as system performance. The *Availability Digest's* June issue promotes the value of availability benchmarks. Also discussed is a virtual tape solution for NonStop data centers, a "Geek Corner" review of redundant nodes in NonStop systems, and how to recover from a total system and file loss. www.availabilitydigest.com

Bowden System's NTP session at ITUG

If you are interested in learning about how the Network Time Protocol (NTP) software works on NonStop systems and how NonStop systems keep time, attend this educational session offered by Bowden Systems. For more information, contact sales@bsi2.com.

comForte J6530 emulation now supports SSH and SSL

comForte's browser-based 6530 emulation, J6530, has been enhanced to support the SSH encryption protocol. Together with its host encryption products, comForte now offers a full range of solutions implementing either SSL-based or SSH-based encryption of shell access and file transfer to Integrity NonStop systems. [Find out more](#).

GreenHouse announces disk space optimizer

GreenHouse has developed TOFO (Tandem Object File Optimizer), a new product that optimizes the disk space used by unnecessarily large object files produced by native compilers on Itanium[®]-based systems. [Read more](#).

Quadrant Basel II compliance: "Basel II—Try It, Prove It, Install It"

Quadrant Risk Management International now offers an innovative approach to enable financial service providers to achieve a low risk, rapid implementation for Basel II compliance. "Basel II—Try It, Prove It, Install It" is a unique facility where financial service providers can load credit, market, and operational risk data into Quadrant's risk data warehouse, produce Basel II compliance reports, and check the results. The new service uses Quadrant's B2 or SAB2 risk calculation and Basel II reporting engines for achieving Basel II compliance and is available on Integrity NonStop servers. [Read more](#) or go to the [Quadrant website](#).

Education News

July Customer Conference Call

The following 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 use the HP Virtual Classroom (HPVC) for slide display.

- July 12
Topic: OSM Configuration Best Practices
Presenter: Vinay Gupta

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

Service and Support News

Support Notes, May 2007

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

User Group News

Regional User Group updates

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

- » ITUG Summit at HP Technology Forum & Expo, June 18–21 in Las Vegas.
 - » BITUG: The British Isles NonStop User Group (BITUG) will hold an S-Itanium SIG, Data Centre Management event on July 11.
- >> [See the complete ITUG calendar for RUGs and SIGs.](#)

Spotlight HP

HP Garage listed on National Register of Historic Places

The site of HP's founding—the famed HP Garage and house—has been listed on the National Register of Historic Places by the National Park Service. Recognized as the birthplace of Silicon Valley, the garage was the building in which Bill Hewlett and Dave Packard set up shop in 1938. Hewlett-Packard Company was founded in 1939, and one year later the company outgrew the site. Today, HP is one of the largest IT companies in the world. In 2005, the company completed a restoration of the site to help preserve its legacy. “The HP Garage has become a symbol of what can rise from humble beginnings with hard work and determination,” said Gary Elliott, vice president, Brand Management and Design, HP. “It’s an honor to be recognized by the National Park Service and we hope it will further spread these core HP values to a national audience.” [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, 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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