

## CHAIRMAN'S CHAT

**Welcome** to the Autumn edition of the BITUG Newsletter.

**A**s we head towards Christmas (yes, so soon), and I start getting ready to hand over the stewardship of BITUG, I do so with a tinge of sadness. I have to say that it has been both a pleasure and an honour to Chair this year; knowing that one is serving the best interests of the community (or at least trying to) is a great feeling, and I thank all of you for that chance – wasn't it Henry Ford who once said "Coming together is a beginning; keeping together is progress; working together is success"? I firmly believe that BITUG is successful because we do exactly that; we come together, we keep together and we work together – and I sincerely thank all of their hard work and commitment over the past 12 months (remember that these guys do this in their own time and for free!).

However, my time is up and the baton has to be passed on, and I wish my successor all the best for 2014, but enough of this drivel, you want to hear about the interesting stuff - so here goes...

### THE BIG SIG IS COMING!

Education Day – Wednesday 4th December, HP Offices – Wood Street.

Evening Event – Wednesday 4th December, The Minories ([www.minories-london.co.uk](http://www.minories-london.co.uk))

BIG SIG – Thursday 5th



The Bank of England was the venue for the Summer 2013 Little SIG.

**"COMING TOGETHER IS A BEGINNING;  
KEEPING TOGETHER IS PROGRESS;  
WORKING TOGETHER IS SUCCESS"**

December, Trinity House, London

The format this year for BIG SIG is the tried and tested 3 tracks - covering Application Modernisation, HP & Infrastructure/Migrations.

### TBC (Technical Boot Camp)

Technical boot camp this year will be held in San Jose, CA on November 3-5 and is a truly Nonstop event – not to be missed. As a taster, this year's event will feature over 50 Technical Sessions, Partner Pavilion, Vendor Theaters, Nonstop SIG Meetings: SQL/MX,

Security/Audit, Open SIG, and of course the good old Nonstop Availability Award Presentations. See [www.connect-community.org/?TBC2013](http://www.connect-community.org/?TBC2013) for further details.

**Rick Stather**  
BITUG, Chairman



## Data at REST is the most at RISK

**XYGATE® Data Protection (XDP) protects data at rest.**  
**WITHOUT database changes and WITHOUT application code changes.**

The Verizon DBIR Report is the most influential and trusted report on security breaches and their cost to businesses. The 2013 report found that 66% of breaches involved data-at-rest in databases and file servers.

Don't risk your data assets, reputation, or your business to "Compensating Controls".

XDP is an Enterprise-wide solution, supporting both tokenization and Format Preserving Encryption (FPE), powered by **Voltage**

**XYPRO**  
Mission Critical Security  
XYPRO Technology Corporation  
Americas: +1 805 583 2874  
Asia Pacific: +61 3 9008 4283  
EMEA: +44 (0) 7967 662294  
[info@xypro.com](mailto:info@xypro.com)  
[www.xypro.com](http://www.xypro.com)

**2013 HP  
AllianceOne  
Partner of  
the Year**



Security Category

XYGATE and XYPRO are registered trademarks of XYPRO Technology Corporation. All other brand or product names, trademarks or registered trademarks are acknowledged as the property of their respective owners.



## SecurData/24 – Real Data-at-Rest Protection for BASE24

Reduce Compliance Cost and Mitigate Risk of Data Breaches!



PCI-DSS requirement 3.4 demands the Primary Account Number (PAN) to be rendered unreadable anywhere it is stored.

SecurData/24 provides a fully compliant solution for the protection of PANs specifically targeting ACI's BASE24 classic payment engine.

- No BASE24 code changes
- No database changes
- Tokenization of PANs in logs and cardholder files
- Enterprise Tokenization across platforms
- Achieves PCI 3.4 compliance

„There is no performance impact on our BASE24 system using SecurData/24“  
Payment Processor, Brazil

Watch the comForte Whiteboard Videos  
[www.comforte.com/securd24](http://www.comforte.com/securd24)

**comForte**

## hp NEWS

### NonStop Application Server for Java and NonStop Message Queue

HP has release two new NonStop middleware products, NSASJ (NonStop Application Server for Java) and NSMQ (NonStop Message Queue).

**NSASJ** is the port of Red Hat's Open Source JBoss Application Server (known as Wildfly 7) for development JEE environments on HP NonStop. This provides a JEE Enterprise JavaBeans (EJB) option for Java 7 applications as an alternative to the JSE option using the Open Source SASH framework. NSASJ complies with the EJB 3.0/3.1 specifications and supports on and off platform clients. NSASJ integrates JTA with TMF allowing SQL/MX and TS/MP to participate in an XA transaction, provides persistence, availability and scalability as well as being able to integrate with JMS through the new NonStop Message Queue (NSMQ) middleware.

**NSMQ** is a port of the open source Apache ActiveMQ 5.6 product to NonStop. It offers Java application programming interfaces for client applications to send and receive messages via the queue. NSMQ complies with JMS 1.1, provides availability and scalability, can participate in XA transactions and provides message persistence via SQL/MX.

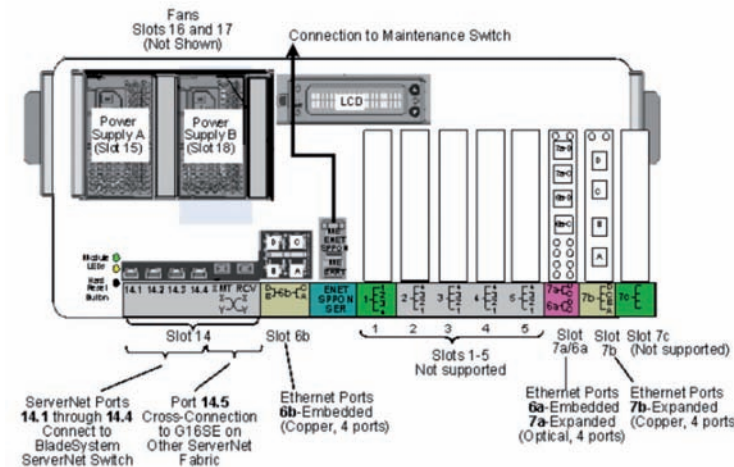
**NSJ7** (NonStop Server for Java 7) is the latest Java JDK 1.7.0 and JVM implementation for HP NonStop. It supports 32 and 64 bit Java and

has a much greater heap space and parallel garbage collector. It requires features of OSS only found in J06.15/H06/27 and above. It is shipped as part for the new OS bundles. Earlier versions of NSJ can still be ordered as Independent Product DVDs giving choice for the JDK used by applications on HP NonStop.

### New HP NonStop Security Bundle

HP has announced an enhanced security bundle (QSN52) for HP Integrity NonStop servers using the J series NonStop OS RVU. The new bundle adds Xygate User Authentication (XUA) to the existing Xygate Merged Audit, SSH with SFTP and SSL to the core security software bundle available with new systems. For existing customers who have the older security bundle (QSN51), there is an upgrade license (QSN52U). All new J series systems can ship with the new security bundle. XUA supports LDAP integration for single sign-on, the use of 2FA such as RSA SecurID tokens and RADIUS authentication and logon controls such as port/IP address, time of day/day of week and generates logon events for auditing.

Below - Rear View of G16SE Module



## BITUG AUTUMN 2013 NEWSLETTER



## Surround yourself with people who know you

As the premier provider of mission-critical disaster recovery solutions for HP NonStop, NTI maintains a 24-hour hotline to back up worldwide customers with experienced product support staff in the United States and Europe. NTI has a proven track record of delivering technologically superior solutions as well as the experience to make them work for customers. NTI's commitment to active research and development ensures the future availability of significant product enhancements for NTI clients.



635 Park Meadow Road, Suite 209, Westerville, Ohio 43081-2877, United States of America

## NonStop Change Control with CSP

Real-time detection and user accountability



- PCI Compliance
- OSS Security
- File Integrity Checking
- Policy Management
- Identity Management
- User Accountability
- Secure Communications
- Command Control
- Compliance Reporting
- Intrusion Detection

Learn how CSP's solutions can help you detect unauthorized changes, apply strict controls to user activities and support your change control and compliance requirements.

**CSP**  
WWW.CSPSECURITY.COM

Tel: +1-905-568-8900

Email: sales-csp@cspsecurity.com

For a complete portfolio of Services for HP NonStop

**BrightStrand** the right choice since 1999

Please call us on

+44 (0)141 204 4046 or

email us on [info@brightstrand.com](mailto:info@brightstrand.com)



# BITUG AUTUMN 2013 NEWSLETTER

BITUG BIG SIG Agenda		5th December 2013	Trinity House
Start Time	Court room (80)	Pepys (45)	Luncheon Room (30)
09:00	Registration, Welcome and Coffee		
09:30	Keynote Session Amazon AWS / Redshift / Vocalink		
10:45	Coffee & Vendor Fair Library		
11:05	High efficiency in maintenance and modernisation of complex software systems Juergen Overhoff - ITP	Fingers Crossed? Matching Your Business Continuity Solution to your Business Risk William Holenstein - Gravic	Modernisation Reloaded Thomas Burg - comForte
11:40	HP NS Hardware Update Mark Pollans	Standard Chartered Bank Pathway 2.0 migration	HP Performance Update Dave Sly
12:30	ESQ	Card Management platform for HP NonStop Users Paul Chandler - FSS Technologies	Change Control on NonStop Systems Callum Barclay - CSP
13:00	Lunch & Vendor Fair Library		
13:45	HP NS Software Update Mark Pollans/Iain Liston-Brown	The Verizon 2012 / 2013 Data Breach Investigations report Thomas Burg - comForte	Vocalink - Base24 S to NB
14:35	XYPRO Solutions Overview Ian Pearce - XYPRO	The magic inside DRNet Jim McFadden - NTL	Insider Technologies
15:05	Coffee & Vendor Fair Library		
15:25	HP NSASJ and Middleware Moore Ewing	BrightStrand - User Migration to Blades - Many nodes to 1 in a mixed Workload Environment - Andy Warrington	IBM MQ on NonStop update Gerry Reilly and Leif Davidson
16:15	Integrated Research	ETI-NET	
16:50	AGM, Roundup and Prize giving		

## BIG SIG 2013

BITUG's 2013 BIG SIG will be held over 4-5th December.

### Day 1: Education Day - 9am-4pm, 4th December,

HP Offices, Wood St, London  
This year's Big SIG Education Day will be on XYGATE User Authentication (XUA), which is now included with all NB56000 systems. XUA helps fill the gaps in enterprise class authentication for the NonStop server. XUA expands on the native security functions available on the NonStop by providing additional features such as multi-factor authentication, sophisticated error management options and logon specific audit reporting. Adding RSA, RADIUS and LDAP authentication as well as time based controls, XUA also brings much more granular authentication control to your NonStop enterprise. Register to attend this Education Day to learn more about how XUA can help secure your NonStop server while adding enterprise authentication methods to your system.

### BIG SIG Social Evening - 6pm, 4th December,

The Minorities pub, Tower Hill, London  
We're continuing our tradition of holding a networking evening following our Education Day. So come and join us the night before

the Big SIG kicks off and take the opportunity to chat with your fellow BITUG members about the latest in the NonStop world (or anything else...) in a relaxed environment. For information on the venue and how to find it see [www.minorities-london.co.uk](http://www.minorities-london.co.uk)

### Day 2: BIG SIG Main Day - 9am-5pm, 5th December,

Trinity House, London  
In 2013, BITUG are continuing the tradition of holding our Big SIG event at Trinity House, opposite the Tower of London and Tower Bridge. We'll be running three parallel tracks, one dedicated to HP, including having Product Management in attendance to present the NonStop Roadmaps, and two based around the loose themes of modernisation and migrations. There will be sessions from Vocalink, IBM and for the first time we'll be welcoming Amazon, who will be giving a tour through their AWS cloud service landscape. Andy Warrington will be giving a talk on the experiences and challenges encountered on a project to consolidate two Business Applications from a 4-Node NS Series server whilst

## Shift your Nonstop into higher gear with XML, SOAP or JSON processing!

- 1 **Select source** (XSD, DTD, WSDL, XML, JSON or COBOL/ANSI C structure)
- 2 **Map** data structure to XML, SOAP or JSON
- 3 **Generate** program code to create or parse XML, SOAP or JSON

COBOL or ANSI C; XML, SOAP or JSON reader or writer; standalone or streaming XML; test harness generation; native COBOL support; parse validation; feature rich XML support; UNION, CHOICE, ALL, NILLABLE, SEQUENCE, enumeration, ATTRIBUTES, namespace; recursive structures, simple types, complex types, imports, includes and more...

Request your  
evaluation copy  
**today!**

[sales-support@ticsoftware.com](mailto:sales-support@ticsoftware.com)



Brought to you by **TIC Software**  
516-466-7990

simultaneously migrating to a single NB54000C Blade server, including the impact and harmonisation of day to day procedures. Gerry Reilly will cover the roadmap for WebSphere MQ on HP NonStop, support and service lifecycle for the WebSphere MQ 5.3.1 server, the WebSphere MQ 7.1 transaction client, the long term strategy IBM will be adopting for continued support on the HP NonStop platform and the relationship between IBM and BrightStrand to provide services for MQ.

The Big SIG is free for all BITUG members. Lunch and drinks will be provided (sponsored by HP) in the Trinity House Library, which will also feature the Vendor Fair, where you can chat to representatives from HP and all the major NonStop solution providers.

For more info and to register your attendance visit [www.bitug.com](http://www.bitug.com)

## BITUG COMMITTEE

### Chairman

Rick Stather

### Vice-Chairman

Sean Bicknell

### Outgoing chairman

Damian Ward

### Treasurer

Matt Whiteman

### HP Liaison

Iain Liston-Brown

### Webmaster

Peter Born

### SIG Coordinators

Neil Barnes

Graham Nield

David Ross

Collin Yates

Kevin Poultny

If you're passionate about NonStop and can spare some time to assist the NonStop user community please contact any of the committee members for further details