STAC BENCHMARK COUNCIL™

STAC® Performance Summit

February 23, 2010 - Deutsche Bank, New York

Gold Sponsors:

AGENDA

Welcome	**Bob Heuman**, Deutsche Bank

Innovation Roundup – Part 1	*Each presenter has 5 minutes.*
• "Cisco Innovations for the HFT Workload" [slides]	**Pramod Srivatsa**, Product Manager, Cisco
• "Ultra-Low Latency without the Pain: Solarflare's New Dual-Port Server Adapter" [slides/video]	**Steve Pope**, CTO, SolarFlare
• "Tips and Tricks to Improve Latency and Small-Packet Performance on Broadcom 1GbE and 10GbE Controllers" [slides/video]	**Allen Light**, Director, Product Management, Broadcom
• "Intel Ethernet and Network Performance Monitoring" [slides/ video]	**Terry Hulett**, Product Line Manager, LAN Access Division, Intel
• "PTP (IEEE 1588) integration into the network components, and network assisted time synchronization" [slides/video]	**Nick Ciarleglio**, Systems Engineer, Arista
• "Monitoring What Matters: Techniques for Monitoring a Low Latency Messaging Environment" [slides/video]	**Folu Okunseinde**, Industry Solutions Architect - Financial Markets, IBM

The latency-measurement landscape [slides/video]	**Peter Lankford**, Founder/Director, STAC

Innovation Roundup – Part 2	*Each presenter has 5 minutes.*
• "Getting Proactive with Low Latency Key Performance Indicators" [slides/video]	**Ken Czekaj**, Principal Systems Engineer, NetScout
• "Improving High Frequency Trading through Latency Transparency" [slides/video]	**Shawn Melamed**, President/CTO, Correlix
• "Introducing Packet Flow Switch for Latency Monitoring" [slides/video]	**Robert Lin**, Director of Sales, Simena
• "Wire Speed Capture For Latency-Sensitive Environments"	**Martin Breslin**, CEO, VSS Monitoring

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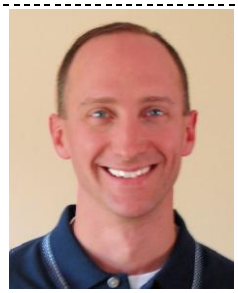
[slides/video]	
• “Precision Instrumentation” [slides/video]	**Henry Young**, Director of Product Development, TS-Associates
• "Latency Measurement: Myths and Fallacies" [slides/video]	**Rony Kay**, CEO, cPacket Networks
• "Distributed latency management: technology and experience" [slides/video]	**Raymond Russell**, CTO, Corvil

The FIX Inter-Party Latency (FIX IPL) protocol initiative [slides/video]	**Henry Young** (TS-Associates), co-chair of FIX IPL working group

Panel Discussion	**Latency monitoring – What’s ahead?** [video]
	Donal Byrne, CEO, Corvil. Donal has over 20 years’ experience working in the field of computer systems, networking and telecommunications. His most recent interest is in mathematical and algorithmic-based solutions for low-latency management and optimization of high frequency electronic trading infrastructure. Donal joined Corvil in 2000 as the non-executive Chairman and in 2002, he took on the role of Chief Executive with a view to building a successful multinational software company for the Financial Services sector. In 2004, Donal was selected by the World Economic Forum as a Technology Pioneer for his work with Corvil, and in 2005 he was a named in the Top 10 Emerging Technology Companies in the Ernst and Young, Entrepreneur Of The Year. He is a frequent speaker at industry events, and has numerous publications and patents in the field of network communications.
	**Ken Czekaj, Principal Systems Engineer, NetScout.** In his 12 years with NetScout, Ken has gained extensive experience with the monitoring challenges unique to electronic trading, from both an exchange and participant perspective. Ken consults with these trading organizations to apply the NetScout solution set to meet their key business objectives. In this capacity, Ken is responsible for evangelizing NetScout's “KPI to Flow to Packet” message, guiding technical direction and product positioning in highly competitive sales opportunities, and contributing to future product strategy. Ken is a graduate of Bowling Green State University with a BSBA degree in Management Information Systems.
	Shawn Melamed, Founder, President and CTO Correlix. Shawn is responsible for the strategic vision, overall management and business leadership of Correlix. Executing Correlix’s aggressive vision includes continual innovation ensuring customer success and providing stakeholder return on investment. With over 10 years of experience working on enterprise distributed transaction performance problems by monitoring raw network traffic, Shawn combined it with extensive research in unrelated bioinformatics to create the unique message correlation technology underlying the Correlix Latency Intelligence solutions. Before founding Correlix in 2005, Shawn was partner and CTO of Strauss Strategy and held senior technical positions at Navicula, PrimeNet, and IDF. Shawn holds a BSc in Computer Science and Biology from Tel Aviv University.
	Helen Ojha, AVM Solutions Program Manager, Cisco. Within Cisco’s Intelligent Automation Solutions Business Unit in Advanced Services, Helen has led the develop-ment of latency monitoring solutions for the capital markets for the last several years. Her extensive experience in the capital markets ranges from design and development of early portfolio management tools in the 1970’s to intelligent software for bond deal struc-ture, FX spot trading, and sell-side equity traders in the 80’s/90’s, to operations and sys-tems engineering in online brokerage firms. Extending this trading operations experi-ence into the application and network infrastructure layers, Helen has driven solutions at Cisco that enable a reflective architecture, integrating network behavior measurements with transaction-performance measurements and precision timing infrastructures to support trading infrastructure performance engineering and latency management.

Cocktails (~2 hours)

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