

# NEXTONE

## NEXTONE EXPANDS SBC FEATURES AND SETS REAL-WORLD PERFORMANCE BENCHMARKS ON LINUX-BASED PLATFORM

*Latest Release Provides Significant Increases in Feature Functionality, Performance, Interoperability, Security, and Policy Management*

GAITHERSBURG, MARYLAND—MARCH 14, 2007—NexTone®, a leader in session border controllers and scalable solutions for VoIP, multi-media, and IMS network interconnects, today announced the latest version of its SBC. Leveraging a carrier-hardened, Linux-based software architecture and standardized hardware components, the NexTone SBC offers service providers a fast, flexible, and fully-upgradeable solution to secure their VoIP and IMS networks.

With the continued growth of native IP-IP traffic, service providers are requiring increasing levels of performance and normalization at the edge of their networks. NexTone's new release includes improvements in H.323/SIP protocol interworking, media processing, security, lawful intercept, accounting, service reach, and operational and management functions. NexTone has also set industry performance benchmarks in terms of calls per second (CPS) for single-platform configurations in real-world network environments.

The chart below compares the new SBC release to the previous release in terms of industry leadership, features/functions, and value to the customer.

	Industry Leadership	Specific Feature/Function	Customer Value
<b>New Release</b>	Performance/scalability Real time session management and policy Session Routing-IP Tandem  Security Interoperability Protocol interworking	150 Calls Per Second (CPS) 5 million policies, CDR, customer partitioning 2 million routes, LCR enhancements, CIC routing,NPA/NXX, LATA based routing IPSec Additional IAD, media gateways H.323 Q.931 enhancements, SIP times, subscriber mobility,CALEA, ENUM	High capacity and scalable Carrier enabled cost and quality based IP route selection. Provides end to end network session visibility Optimized for IP-IP session routing to achieve reduced CapEx and OpEx increasing speed to revenue High performance encryption Broadens service reach Enhanced H.323 and SIP interworking support and scalability
<b>Existing Product</b>	IMS ready Real time session management and policy Session Routing- IP Tandem  Reliability Security Interoperability Protocol interworking Proprietary software 2U carrier grade hardware	Separated signaling and media 2 million policies, CDR supports 80 fields, QoS- MOS, R-factor, jitter, packet loss 800,000 routes, LCR, adaptive routing dial plans High availability 1+1 Multi-layered security architecture Dynamic end point/device awareness H.323/SIP interworking Carrier hardened High performance processors for signaling and media processing	Transferable to IMS architecture with ATCA End to end session level visibility  World wide scope, scale and route selection  High network availability Network, device and application protection Broad interoperability with network devices Broad H.323 and SIP support and scalability Standards based Leverages Moore's law for processor performance

"In our network, NexTone performs at rates of over 150 calls per second in multiple SIP-based applications, with superior results," said Sam Shiffman, executive vice president of PointOne, a leading U.S.-based service provider. "This level of performance—provided by the company's industry-standard hardware and Linux-based proprietary software—gives service providers like

PointOne unprecedented power to scale our networks as demand for IP communications grows."

These performance results confirm testing conducted by CT Labs to establish performance benchmarks under high levels of security intrusions and DoS attacks, and further validate NexTone's capabilities.

NexTone is driving toward even higher levels of performance based on its use of multi-core, high-performance processors to deliver line-rate media functions. As a result, NexTone enables service providers to expand their service reach and provide new service offerings under high availability and performance conditions that extends to IMS architectures.

"The design of the next-generation IMS network equipment promises a shift away from custom, proprietary hardware and OS to standards-based platforms running open-source OS," said Brian Partridge, senior analyst with the Yankee Group. "Suppliers that can demonstrate effective application performance on standards-based platforms and OS will gain cost and time-to-market efficiencies and can focus attention on higher, differentiated layers of the application stack."

#### **Real Time Session Management Provides QoS and Network Visibility**

To support the new version of its SBC, NexTone has expanded its industry-leading policy enforcement platform, the RSM, to support over 2 million unique routes and policies. In addition, the RSM provides dynamic policy management, faster route generation, and a 500 percent increase in Call Detail Record (CDR) system performance. The RSM supports flow-through provisioning using a Web Services API that enables the Soap-XML programming language. Coupled with the NexTone SBC and MSX, the RSM creates a very flexible platform that can be tailored to all types of applications. NexTone leverages a layer 7-based dynamic policy database with layer 3, 4, and 5 signaling and media-control functions to enable real-time session management and QoS statistics generation.

"NexTone's SBC performance and feature benchmarks, coupled with dynamic policy management, have enabled many customers to achieve true network-session visibility and QoS management," said Rocco DiCarlo, vice president of product management at NexTone.

The feature enhancements in the current release of the SBC are specifically designed to optimize VoIP interconnect at the network edge. Interoperability between SIP and H.323 protocols, edge and network devices, Dial Tone Multi-Frequency (DTMF) 2833 interworking and media transcoding, and security are becoming very complex. With IMS, Telecoms & Internet converged Services & Protocols for Advanced Networks ('TISPAN'), and PacketCable standards coming to the forefront, service providers can rely on NexTone to provide interworking between IMS and non-IMS network zones as well as a common way to exchange, optimize, secure, and bill for VoIP and multimedia sessions that flow across network boundaries.

#### **Part of NexTone's Award-Winning IntelliConnect Family of Products**

NexTone's SBC is part of a robust family of intelligent interconnect products, the NexTone IntelliConnect™ System. In addition to the NexTone SBC, the IntelliConnect System includes the NexTone MSX, a Multiprotocol Session Exchange platform for interconnecting SIP and H.323 networks; the NexTone IMX, an IP Multimedia Exchange platform for interconnecting IP and IMS networks; and the NexTone Real-time Session Manager (RSM), which dynamically manages and optimizes IP services from the network core.

### **MULTIMEDIA SUPPORT**

- [NexTone's IntelliConnect System](#)

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#### **About PointOne**

PointOne operates one of the largest next generation converged networks in North America. The 100% enhanced services IP network incorporates industry leading, next generation technology end-to-end, coupled with patented, proprietary IP applications and processes. PointOne's class of service quality has earned the company industry-wide recognition. Additionally, the company is recognized as a 2002 and 2004 Pulver 100 company and was named Internet Telephony 2004 service provider of the year and 2004 Frost and Sullivan "Best Bang for the Buck" VoIP Award. PointOne, established in 1998, is a privately held company headquartered in Austin, Texas. For more information, please visit our website at [www.pointone.com](http://www.pointone.com) or contact us at 512-735-1200 or [info@pointone.com](mailto:info@pointone.com).

#### **About NexTone**

NexTone® develops intelligent session management and interconnect systems for service providers who want to rapidly expand their reach and accelerate VoIP and multimedia revenues. NexTone's IntelliConnect System provides service providers with visibility and intelligence to exchange, optimize, secure, and bill for voice and multimedia sessions flowing across diverse IP and IMS network boundaries. More than 550 service providers and enterprises worldwide use NexTone's IntelliConnect System to manage technical complexities, optimize business economics, and remove partnership hurdles. NexTone is a recipient of the Maryland Technology Champions Awards for 2006. The company ranks number one in Deloitte's 2006 Technology Fast 50 Program for Maryland and is one of the Top 50 companies in Deloitte's 2006 Technology Fast 500, a ranking of the 500 fastest-growing technology, media, telecommunications, and life sciences companies in North America. NexTone is headquartered in Gaithersburg, Maryland, USA, with domestic and international offices worldwide. For more information, visit <http://www.nextone.com>.

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