



Press Contact:
Kathryn Sloan
Marketing Communications Manager
Soapstone Networks
ksloan@soapstonenetworks.com
978-715-2300

Soapstone Networks Announces the Beta Availability of its Multi-vendor Control Plane Software

Billerica, MA February 27, 2008 — Soapstone Networks™, an Avici Systems (NASDAQ:AVCI) business unit, today announced the beta availability of its PNC™ (Provider Network Controller), the industry's only multi-vendor, multi-technology dynamic control plane. The beta release includes the PBB-TE module for the PNC which includes the dynamic provisioning, monitoring and repair of services across a multi-vendor Carrier Ethernet network as well as network operations support. Soapstone is working with some of the world's leading hardware and software vendors to facilitate the broad adoption of Carrier Ethernet technology. Soapstone also announced that Net One Systems, one of Japan's leading networking and systems integration providers is a beta customer for the PNC software.

Soapstone Networks PNC is an external control plane designed to automate the entire service lifecycle by providing state of the art provisioning, monitoring and repair, network fault to service correlation, performance, optimization, and planning software to carrier and enterprise customers. The PNC brings centralized control to transport by providing a comprehensive common control framework for various technologies including Carrier Ethernet. It decouples services from the underlying transport network to deliver maximum flexibility to customers.

The beta release of the PNC software supports Dynamic Service Provisioning (path computation and programming), Service Monitoring and Repair, and Network Operations support (Bridge-and-Roll).

- 1.) Dynamic Service Provisioning. One of the main features of the PNC control plane is the dynamic provisioning of services across a multi-vendor network. In addition to simple, best-effort shortest path routing, the PNC performs path computations involving a variety of constraints and equipment limitations.
- 2.) Service Monitoring and Repair. After a network event (link/node/fiber failure) the network equipment responds in less than 50msec to provide service protection. Since the PNC has a database containing the network topology it has the ability to determine which service(s) was

affected by the outage and creates both a primary and secondary path to restore the service and ensure that it always remains protected.

- 3.) Bridge-and-Roll. Provides network operations support by making it possible for customers to introduce new hardware or services seamlessly into a network or perform routine maintenance in an automated fashion. This capability enables customers to request the removal of nodes from active service without disruption to services. When a node is taken out of service by the customer, the PNC notices all of the affected services and for each service that is impacted, the PNC re-computes paths for services that were locked due to lack of a network resource. As with any path selection, the Committed Information Rate (CIR) of each service is used in the path selection and no oversubscription occurs.

Net One Systems, one of Japan's leading networking and systems integration providers is a beta customer for the PNC software. Under the terms of the agreement, Net One is utilizing the PNC platform to dynamically provision services across a multi-vendor PBB-TE switch network at its integration center in Tokyo. This lab serves as the showcase for advanced NGN reference architectures for Net One's carrier and enterprise customers.

"The Soapstone PNC provides a critical component for delivering innovative Carrier Ethernet solutions to our customers, namely the requirement for an external control plane that works across a variety of vendors," said Mr. Tomohiro Iwamoto, general manager of network technology operations at Net One Systems. "With Soapstone, we can deliver to customers best-in-class switch solutions that take advantage of the momentum in Carrier Ethernet as well as leverage the service automation capabilities of the PNC."

Japan represents one of the most technically advanced communications markets in the world. Net One's reputation for continually integrating the most advanced technologies into their overall solution portfolio has made them a leading reseller and supplier to the Japanese service provider market. Recognizing the need to meet the advanced requirements of innovative carriers and enterprises, Net One has identified the Soapstone PNC as a key component of its strategy to deliver advanced technology for its customers.

"Net One's track record for delivering industry best networking solutions has helped establish the company as a premier systems integrator in Japan," said William Leighton, CEO at Soapstone Networks. "This collaboration demonstrates the rapid pace of Carrier Ethernet adoption in one of the most important telecommunications markets in the world. We are pleased to be working with Net One to accelerate innovation around Carrier Ethernet services."

About Soapstone Networks

Soapstone Networks is at the forefront of the movement to Carrier Ethernet by delivering resource control systems that realize NGN software-provisioned services in the new Carrier Ethernet transport network. Soapstone's common control framework decouples services from underlying network technologies. The Soapstone solution dynamically provisions precise, SLA-quality services, continuously optimizing utilization of network resources to bring orderly, predictable business-driven behavior to service provider networks. The future of Carrier Ethernet - www.soapstonenetworks.com

This release contains information about the future expectations, plans, and prospects of Avici Systems Inc. and its Soapstone Networks business that constitute forward-looking statements for purposes of the safe harbor provisions under the Private Securities Litigation Reform Act of 1995.

Such forward-looking statements are subject to risks and uncertainties, which could cause actual results to differ materially from those anticipated. When used in this press release, the words "will be" and other similar expressions are intended to identify such forward looking statements.

Such risks and uncertainties include, but are not limited to, Avici's ability to manage the transition of its core router business, the early stage of Soapstone Networks, market acceptance of Soapstone's products, services and enhancements, customer purchasing patterns and commitments, development of the market place, reliance on technology and distribution partners, product development and enhancement, intensity of competition of other vendors and technologies, technological changes and other risks set forth in Avici's filings with the Securities and Exchange Commission.

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About Net One Systems Co., Ltd.

Net One Systems is continually searching and scrutinizing the most advanced technologies. The company provides network systems that add high quality technical services to the company verified products. Net One Systems provides highly reliable value-added comprehensive solutions that include consultation, design, creation and management services. This is made possible through its technical center for research, quality control center for inspection of both incoming and outgoing products and network academy for providing engineer education. To learn more about Net One Systems Co., Ltd., please visit them online at <http://www.netone.co.jp/english/>.