



FOR IMMEDIATE RELEASE

For more information, contact:
Inna Vyadro
Director of Investor Relations
Avici Systems
978-715-2300
ivyadro@avici.com

AVICI SYSTEMS SCHEDULES Q4'07 AND YEAR END EARNINGS RELEASE DATE AND TIME

Billerica, Mass., January 29, 2008 – Avici Systems (Nasdaq: AVCI), today announced it will release financial results of its fiscal fourth quarter ended December 31, 2007, on February 28, 2008. Avici will host a conference call on February 28 at 8:30 a.m. EST and will broadcast the call live over the Internet.

To participate in the live call, dial toll-free 800-230-1093 (Please call ten minutes prior to the scheduled conference call time.) For live webcasting, go to the Avici website at www.avici.com and access the Investor Relations section, clicking either the live Webcast link or the microphone icon to listen.

The conference call will be archived on the Avici website and accessible by telephone at approximately 1:00 p.m. on February 28th for 48 hours. To replay the call dial toll-free 800-475-6701, access code 909097.

About Avici Systems

Avici Systems Inc., headquartered in North Billerica, Mass., is a leading provider of purpose-built carrier-class routing solutions for the Internet. Avici's family of routers is designed to meet carrier requirements for the highest scalability, reliability and network availability, while lowering the total cost of building and operating their networks. The company's routing systems provide new IP solutions to some of the world's leading service providers. For more information, please visit us at www.avici.com.

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