



Stratus Technologies, Inc.  
111 Powdermill Road  
Maynard, MA 01754-3409  
U. S. A.

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## **STRATUS INTRODUCES SINAP/IP FOR NEXT-GEN TELECOM APPLICATIONS AND SERVICES**

### **Open Signaling Software Stack Supported on New Fault-Tolerant Linux Server Family**

**MAYNARD, MA, March 10, 2004** – Stratus Technologies, Inc., today announced that its carrier grade signaling software, the Stratus Intelligent Network Applications Platform (SINAP™), is now available for the first time for IP networks. SINAP/IP version 1.0 is supported on current Stratus systems including the new Stratus® ftServer® T Series fault-tolerant server for the Linux® operating system. (The new SINAP/SS7 version 14.0 is also supported on the T Series server.) SINAP/IP will enable carriers to transparently evolve existing SS7 services from traditional circuit-switched TDM networks to next-generation, IP-based packet networks. No change will be required to existing SINAP applications for them to work in IP networks.

An open signaling software stack, the SINAP product family enables rapid application development and provides a high-performance runtime environment supporting both traditional SS7-over-TDM and SS7-over-IP networks. As service providers increasingly move to IP-based packet networks, SINAP/IP provides a bridge with the legacy network, helping to leverage existing network equipment as the converged network takes shape. SINAP/IP also provides a distributed architecture to enable dynamic availability and scalability, thus providing the necessary carrier grade characteristics for SS7 signaling over IP.

“The Stratus SINAP family lineage is long and still very visible in SS7 circuit-switched networks throughout Asia, Europe, and North America,” said Ali Kafel, Telecommunications Business Unit director at Stratus. “SINAP/IP builds on this rich heritage with the added advantage of being supported on a NEBS™-compliant, fault-tolerant, open-systems platform for the Linux

operating system. It is a very effective platform for launching next-generation voice and data services, and revenue-producing applications.”

SINAP/IP 1.0 includes the following network elements:

- Internet Protocol Application Server (IPAS) network entity, which allows SINAP/SS7 applications to run on Stratus telecom servers on an IP network and to interoperate with Stratus’ IP Signaling Gateway or other third-party SIGTRAN-compliant products.
- Internet Protocol Signaling Gateway (IPSG) network entity, which converts SCCP messages from SS7-over-MTP to SS7-over-IP using IETF SIGTRAN protocols, and supports load sharing across multiple application servers.
- Internet Protocol Message Transfer (IPMT) network entity, which is co-located with a traditional SS7 Signaling End Point (e.g. an SCP) to offload selective SS7-over-MTP traffic to the SS7-over-IP network.

SINAP/IP running on the fault-tolerant, reliable Stratus T Series server affords service providers the advantages of open-systems technology, as well as the benefit of having a single point of contact for support of the operating system, server and SINAP layered products.

### **About Stratus Technologies**

Stratus Technologies is a global provider of fault-tolerant computer servers, technologies and services, with more than 20 years of experience focused in the fault-tolerant server market. Stratus servers provide high levels of reliability relative to the server industry, delivering 99.999% uptime or better. Stratus servers and support services are used by customers for their critical computer-based operations that are required to be continuously available for the proper functioning of their businesses. For more information, visit [www.stratus.com](http://www.stratus.com).

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