

PRESS RELEASE

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HSS launches World's largest Carrier-Class Mediation System

simulates 70 million subscriber network on single SUN server

Cannes, France: Feb 24, 2004 – Hughes Software Systems (HSS), a premier global provider of communications software and Sun Microsystems Inc. – world leaders in Unix platforms demonstrated the capability of the HSS Mediation System to address Billing Mediation requirements of Tier 1 Service Providers.

The HSS Mediation System Ver. 4.X has been successfully tested to process over 1800 million usage records per day on a single server, which effectively translates to over 70 million subscribers on a network. The Mediation System implementation can be distributed over multiple servers to achieve extremely high performance levels.

Technical teams from Sun Microsystems, India and Japan, have been working closely with HSS' India development team to enhance the performance of the HSS Mediation System, which can handle Billing Mediation & Service Provisioning needs of Convergent Next-Generation Networks. The HSS Mediation System is deployed with some of the leading Communication Service Providers in APAC, Africa and the USA.

The HSS Mediation System comprises of *Billing Mediation System (BMS)* which essentially collects, processes and dispatches data records and the *Service Provisioning Platform (SPP)* which performs Near Real Time Service Provisioning on integrated, hybrid networks.

Commenting on the successful completion of the joint exercise, Mr. Manoranjan Mohapatra, Chief Operating Officer of Hughes Software Systems, said, "Sun has always been a preferred development and deployment platform for HSS. With HSS and Sun working closely on the performance of the HSS Mediation system on Sun platform, our customers are bound to have even more price-performance value than before".

Mr. Bhaskar Pramanik, Managing Director, Sun Microsystems, India added "One of our key value propositions is our ability to offer the most diverse, robust & scalable solutions to our telecom customers, by working with the leading telecom solution providers globally. Our partnership with HSS enables us to offer the best price -performance platform for large carrier class mediation systems"

HSS plans to release the next major version of the Mediation System in August 2004. The new version 5.0 of the HSS Mediation System will provide higher levels of scalability and availability. There is a plan to improve the BMS performance by a further 20% through use of advanced optimization techniques and bringing in more linearity in the performance of the Service Provisioning Platform with respect to CPUs. Enhanced load balancing strategies will provide better sizing and help in further improving the price-performance.

Backgrounder

About Sun Microsystems

Since its inception in 1982, a singular vision -- "The Network Is The Computer" -- has propelled Sun

Microsystems, Inc. (Nasdaq: SUNW) to its position as a leading provider of industrial-strength hardware, software and services that make the Net work. Sun can be found in more than 100 countries and on the World Wide Web at www.sun.com

Hughes Software Systems:

[Hughes Software Systems](http://www.hssworld.com) (HSS), a Hughes Electronics Corporation subsidiary, is an end to end communication solutions provider for more than 200 customers worldwide, in the Telecom Infrastructure, Communication Service Provider, and Business Process Outsourcing sectors. A specialist in convergent network solutions, HSS offers Products (Licensable Technologies) and Strategic Outsourcing Services to its customers for Mobile, Fixed or IP networks. A global leader in protocol signaling solutions, HSS products and services help build comprehensive solutions for Voice over Packet and Broadband Wireless data. Its [outsourcing services](#) span the entire software lifecycle, from maintaining and enhancing legacy systems to product design, development, and testing services. HSS provides Business and Operational Support Systems (BSS and OSS) in integration and legacy application maintenance services to telecom service providers. In the communication applications space, HSS provides the full spectrum of services to Independent Software Vendors (ISV), OEMs, and Telecom companies. HSS addresses the BPO space through its dedicated division, [Hughes BPO Services](#) (HughesBPO), which provides 24 X 7 X 365 Contact Center and, transaction and back-office processing services. HughesBPO contact centers provide online customer care services using voice, chat, and e-mail across multiple industry segments such as IT and Networking, Telecom, Automotive, Insurance, Banking, and Financial Services. Assessed at SEI-CMMI Level 5, HSS has been an ISO 9001 company since 1996. One of the Best Employers in India, (BT- Hewitt study), HSS has development centers at Gurgaon, and Bangalore , in India, and at Nuremberg in Germany. HSS has sales and support operations in 10 international locations and has more than 2300 employees worldwide.

More information about HSS is available at <http://www.hssworld.com>, or contact

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