

**Press Release**  
**São Paulo, Brazil – May 19, 2008**

## **Nokia Siemens Networks speeds up TIM Brasil's network with 3G WCDMA/HSPA**

**TIM Brasil – one of the largest carriers in the country – and Nokia Siemens Networks have signed a contract to deploy and service a WCDMA/HSPA network, offering high-speed mobile broadband data services in several Brazilian states of the South, Northeast and North regions.**

Nokia Siemens Networks will be the single 2G/3G Packet Core Network supplier for the whole country and the main radio access network supplier to the states of Rio Grande do Sul, Paraná, Santa Catarina, Pernambuco, Paraíba, Alagoas, Rio Grande do Norte, Ceará, Maranhão, Piauí, Pará, Amazonas, Roraima and Amapá. TIM's network will be upgraded with industry-leading Flexi base stations.

Systems integration and network implementation services ensure speedy deployment, effective integration of the new elements and on time network launch to rapidly expand coverage and allow TIM to bring new services to its subscribers. Assisted operations of the network will help TIM to improve operational performance and ensure network uptime

The market leading WCDMA Flexi Base Station is the industry's smallest and most efficient base station with a unique design and architecture, and it will allow TIM Brasil to minimize network deployment and operational costs. The energy efficiency of Flexi Base Station underpins Nokia Siemens Networks' commitment to environmentally sustainable solutions.

"Nokia Siemens Networks provides us innovative and efficient ways of delivering new services to our customers, and this 3G deployment enables us to achieve this by extending our broadband offering", said Mario Cesar Pereira de Araujo, President, TIM Brasil.

"This collaboration will enable TIM Brasil to develop their network and services, support their growth strategy, increase customer loyalty and maximize customer value," said Armando Almeida, Head for the Latin American Region, Nokia Siemens Networks.

### **About TIM**

The first mobile phone operator to have a national presence, TIM has operated in Brazil since 1998 and has 32.5 million customers (march 2008). TIM was the first operator to open an integrated mobile phone and Internet music store, the TIM Music Store, as well being the first to provide Multimedia Message Services (MMS) and high speed data transmission through the TIM EDGE network. It also innovated by bringing the BlackBerry to Brazil, to best known mobile email solution in the world, available to corporate and individual clients. Through agreements with the most important operators on the five continents, TIM provides Post-Paid International Roaming in more than 180 countries and data and multimedia transmission in more than 125. In May 2006, TIM became the first Brazilian mobile phone operator to provide International Data and Voice Roaming to customers with Pre-Paid plans, which are currently available in 15 countries. In 2007, the company launched TIM Web, a

wireless internet service, and TIM Mais Completo, which combines mobile telephone, residential telephone and internet access services. The company also innovated in launching TIM Casa Flex for customers with Post and Pre-Paid plans, involving a landline number and a mobile number in the same apparatus and the TIMChip. For further information:

[www.tim.com.br](http://www.tim.com.br)

### **About Nokia Siemens Networks**

Nokia Siemens Networks is a leading global enabler of communications services. The company provides a complete, well-balanced product portfolio of mobile and fixed network infrastructure solutions and addresses the growing demand for services with 20,000 service professionals worldwide. Nokia Siemens Networks is one of the largest telecommunications infrastructure companies with operations in 150 countries. The company is headquartered in Espoo, Finland. [www.nokiasiemensnetworks.com](http://www.nokiasiemensnetworks.com)

**High Speed Packet Access HSPA:** Nokia Siemens Networks is the industry leader in WCDMA/HSPA, to date having over 120 WCDMA radio network references and enabling close to 100 operators to launch HSDPA. Nokia Siemens Networks' high-performing HSPA can be activated with a simple software upgrade to its existing WCDMA networks thus enabling cost-effective and fast rollout. HSPA enables true mobile broadband with two key technologies, HSDPA (High Speed Downlink Packet Access) and HSUPA (High Speed Uplink Packet Access) enabling data speeds of up to 14 Mbps in the downlink and up to 5.8 Mbps in the uplink and in the future up to 43/11 Mbps.

### **Media Enquiries**

#### **Nokia Siemens Networks**

Daniel Medina

Phone: +5511-3908-5983

+5511- 8420-0536

E-mail : [daniel.medina@nsn.com](mailto:daniel.medina@nsn.com)

Media Relations

Tel. +358 7180 31451

E-mail: [mediarelations@nsn.com](mailto:mediarelations@nsn.com)