ERICSSON

**Press Release**
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# Ericsson introduces comprehensive CDMA product portfolio with 3G network architecture

**Ericsson today introduced a series of 3G-capable cdmaOne products designed to ease the transition to next-generation cdma2000 network architecture and to position operators to compete successfully in the third generation (3G) services market. The new products further broaden Ericsson's cdmaOne system offerings with radio access, switching and datacom products that are based on open standards and carrier-class core technology platforms.**

"Our expanded portfolio fulfills our objective to provide an evolutionary CDMA solution that leverages Ericsson's CDMA expertise, proven core network products, and leading wireless data platforms," said Åke Persson, president of Ericsson's CDMA Systems business unit. "Ericsson offers CDMA operators the tools for early market entry with 3G services and a head start in moving to a layered network architecture."

Ericsson has added five new products, each capable of supporting 3G services, to its existing CMS 11 CDMA solutions portfolio. Designed to offer operators maximum flexibility in building out new or existing networks, these open architecture products can be installed in cdmaOne systems to support evolution to cdma2000. All five products will be rolled out for commercial availability this year, beginning in June.

**CMS 11 Radio Base Station (RBS)**

Ericsson's innovative compact RBS technology now delivers up to four carriers of capacity and increased coverage in the new RBS 1107 model. The distributed architecture and small footprint of Ericsson's compact base stations, which include the commercially deployed RBS 1106 and the new RBS 1107, lets operators deploy macrocell coverage and capacity in convenient and accessible locations, such as telephone poles, rooftops, walls and existing cell site towers.

All of Ericsson's compact RBS models are designed to significantly reduce operator expenditures over the life of the network, and to support cdma2000 services with a simple field upgrade.

**CMS 11 Mobile Switching Center (MSC)**

The CMS 11 MSC, based on Ericsson's proven AXE switching system, offers operators a highly reliable, scalable switch designed for carrier-class service in cdmaOne and cdma2000 networks. The new switch brings Ericsson's powerful switching heritage to CDMA, with more than 300 million AXE lines installed in wireline and wireless deployments worldwide.

**CMS 11 Inter-Working Function (IWF)**

To satisfy operator demands for adding data capabilities to existing cdmaOne networks, Ericsson has developed the stand-alone IWF, based on the AXC MmultiSservice Access Platform. This versatile platform supports a range of data services, such as Internet connectivity, fax capability and Quick Net Connect. Most importantly, Ericsson's high-capacity, redundant IWF will support the Packet Core Network (PCN) architecture for cdma2000, delivering high-speed packet data and Mobile IP services.

Ericsson also launched two new products based on JAMBALA™, a core technology platform offering multi-application support in wireless networks.

**CMS 11 Home Location Register (HLR)**

The JAMBALA-based HLR allows operators to cost-effectively develop, integrate and manage diverse user features, applications and Wireless Intelligent Networking (WIN) capabilities on a common platform designed for carrier-class operations. Ericsson's external HLR for CDMA networks provides a rich portfolio of ANSI-41 features, plus a simple and straightforward pay-as-you-grow price model. Offering zero downtime operation, the open architecture HLR can serve existing CDMA networks and evolve to support 3G services.

**CMS 11 Wireless Application Protocol (WAP) Gateway**

Ericsson's WAP Gateway, also built on the JAMBALA platform, efficiently connects the mobile world with the Internet world, and can be added to existing CDMA networks. The WAP Gateway meets WAP 1.1 specifications and can communicate with any WAP-compliant CDMA handset. The JAMBALA-based WAP Gateway is packaged with a suite of applications including E-mail, Personal Information Management (PIM) tools and an HTML-to-WML converter.

The new suite of products demonstrates Ericsson's commitment to open industry standards and offers a framework for operators to move to a layered network architecture, while meeting requirements for quick time-to-market solutions. Offering flexibility in how and when operators evolve to next-generation networks, Ericsson has the end-to-end network solutions for operators to start building their 3G networks today.

cdmaOne is one of the fastest growing wireless technologies in the world, currently serving more than 50 million subscribers. Ericsson's cdmaOne networks deliver the full advantages of CDMA technology for strong performance in mobile, fixed and mobile Internet applications and simple migration to cdma2000 and 3G services.

*Ericsson is the leading provider in the new telecoms world, with communications solutions that combine telecom and datacom technologies with freedom of mobility for the user. With more than 100,000 employees in 140 countries, Ericsson simplifies communications for its customers – network operators, service providers, enterprises and consumers – the world over.*

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