

Industry leaders validate interoperability of mobile multimedia messaging services

Demonstrating seamless multimedia messaging service (MMS) across networks, handsets and servers, a live industry interoperability presentation supports timely deployment of innovative MMS solutions worldwide

LAS VEGAS – *November 18, 2002* – Leading players from the wireless industry have come together for a Multivendor MMS Interoperability live presentation at COMDEX ® FALL.

Participating vendors from the MMS client and handset side are Matsushita (Panasonic), Microsoft, Motorola, Nokia, Sony Ericsson and Teleca; and from the MMS server solution side: Comverse, Ericsson, Logica, Nokia, Openwave Systems Inc. and Tecnomen.

The initiative emphasizes the viability and importance of MMS interoperability and verifies in a live environment that multimedia messaging works seamlessly in a multivendor environment. This joint effort provides clear evidence that interoperability issues can be worked out together. The interoperability promotes more rapid delivery of compatible MMS services to wireless carriers and their subscribers.

This live presentation provides an opportunity for vendors to validate the interoperability of their solutions based on open industry specifications, and a vehicle to communicate MMS benefits and ease-of-use for consumers and business users. All participating companies are members of the Open Mobile Alliance, and adhere to open MMS specifications created by OMA, which is designed to be a center for mobile service standardization work, stimulating and contributing to the creation of interoperable services across countries, operators and mobile terminals to meet the needs of both the consumers and business users.

Media and analysts are welcome to Multivendor MMS Interoperability Suite at room N216, 2nd level of Las Vegas Convention Center's North Hall, open from Monday to Friday during regular show hours.

About Comverse

Comverse, a unit of Comverse Technology, Inc. (NASDAQ: CMVT), is the world's leading provider of software and systems enabling network-based multimedia enhanced communications services. Over 400 wireless and wireline telecommunications network operators, in more than 100 countries, have selected Comverse's enhanced services systems and software, which enable the provision of revenue-generating value-added services. These include including call answering with one-touch call return, short messaging services, IP-based unified messaging (voice, fax, and email in a single mailbox), 2.5G/3G multimedia messaging (MMS), wireless instant messaging, wireless data and Internet-based services, voice-controlled dialing, messaging and browsing, prepaid wireless services, and additional personal communication services. Other Comverse Technology business units include: Verint Systems, a leading provider of analytic solutions for communications interception, digital video security and surveillance, and enterprise business intelligence; and Ulticom, a leading provider of service enabling network software for wireless, wireline, and Internet communications. Comverse Technology is an S&P 500 and NASDAQ-100 Index company. For additional information, visit the Comverse web site at <http://www.comverse.com>.

About Ericsson

Ericsson is shaping the future of Mobile and Broadband Internet communications through its continuous technology leadership. Providing innovative solutions in more than 140 countries, Ericsson is helping to create the most powerful communication companies in the world.



About Logica

Logica (LOG.L) is a leading global solutions company providing management and IT consultancy, systems integration, products, services and support. Logica's clients operate across diverse markets including telecoms,

financial services, energy and utilities, industry, distribution and transport and the public sector. The company has over 11,500 staff in 34 countries worldwide. Founded in 1969, Logica is listed on the London Stock Exchange where it is part of the FTSE100 index of the largest UK listed companies. More information can be found at www.logica.com.

About Matsushita (Panasonic)

Matsushita Communication Industrial Co., Ltd (MCI) is a principal subsidiary of Matsushita Electric Industrial Co., Ltd., best known for its Panasonic brand consumer and industrial products. Matsushita Communication Industrial specializes in three business areas: mobile communications, automotive multimedia, and system solutions. One of the world's first 3G handset manufacturers for commercial services in Japan, the company recorded sales of 783.8 billion yen (US\$5.9 billion) for the fiscal year ended March 31, 2002. For more information, visit <http://www.mci.panasonic.co.jp/english>.

About Motorola

Motorola, Inc (NYSE:MOT) is a global leader in providing integrated communications and embedded electronics solutions. Sales in 2001 were \$30 billion. For more information, please visit: www.motorola.com.

About Nokia

Nokia (NYSE:NOK) is the world leader in mobile communications. Backed by its experience, innovation, user-friendliness and secure solutions, the company has become the leading supplier of mobile phones and a leading supplier of mobile, fixed broadband and IP networks. By adding mobility to the Internet, Nokia creates new opportunities for companies and further enriches the daily lives of people. Nokia is one of the most broadly held companies in the world with listings on six major exchanges.

About Openwave

Openwave Systems Inc. (Nasdaq: OPWV) is the leading independent provider of open software products and services for the mobile communications industry. Openwave is a global company headquartered in Redwood City, California. For more information, please visit www.openwave.com.

About Sony Ericsson

Sony Ericsson Mobile Communications AB offers mobile communications products for people who appreciate the possibilities of powerful technology. Established in 2001 by Telefonaktiebolaget LM Ericsson and Sony Corporation, the joint venture continues to build on the success of its two innovative parent companies. Sony Ericsson creates value for its operator customers by bringing new ways of using multimedia communications while mobile. The company's management is based in London, and has 4,000 employees across the globe working on research, development, design, sales, marketing, distribution and support. For further information, please visit: www.SonyEricsson.com

About Tecnomen

Tecnomen develops value-added service systems for teleoperators and service providers. The company is one of the world's leading suppliers of messaging systems and a pioneer in developing wireless Internet solutions. Tecnomen has a strong market position in prepaid systems and intelligent network components, and is the market leader in paging systems. Tecnomen markets its products and services through its own worldwide organisation, as well as through global and local partners. The company operates in 11 locations worldwide and has supplied its products to customers in more than 40 countries. Tecnomen has approximately 500 employees and its shares are quoted on the Helsinki Exchanges. For more information on Tecnomen visit www.tecnomen.com.

About Teleca

Teleca is a European consulting group focused on new technology and R&D. Our business concept is to strengthen our customer's market position and time-to-market. This is achieved by providing professional teams with specialist technical expertise, working in partnership with development-



intensive companies worldwide. The group has more than 2,300 employees in 15 countries with a strong presence in the Nordic region, UK, and France. Teleca is quoted on the Attract40 list of Stockholmsbörsen. For more information, please visit www.teleca.com.

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