



## **IMST and Addvalue (Singapore) enter into Design collaboration to develop land mobile and maritime BGAN terminals**

**Kamp-Lintfort, 20 September 2007 – IMST GmbH, design house for RF equipment for mobile and satellite communications and Addvalue Communications Pte Ltd, a wholly-owned subsidiary of Addvalue Technologies Ltd, enter into an Memorandum of Understanding targeting the fast growing land mobile and maritime markets.**

Under the MOU, Addvalue and IMST will jointly develop land mobile and maritime BGAN\* terminals using a mechanically steered antenna solution. In addition, the collaboration will also extend to the development of land mobile and maritime BGAN terminals using the state-of-the-art electronic-steered antenna. The electronic-steered antenna is expected to be significantly cheaper over the lifetime, and much more reliable compared to the mechanically steered antenna.

This collaboration is a win-win partnership between both companies as Addvalue's expertise in BGAN technology compliments IMST's land mobile and maritime antenna design technology and expertise.

The mobile satellite communications services industry has grown rapidly in the past 20 years. According to market research consultancy, Euroconsult, the number of active mobile satellite terminals has grown from less than 1,000 units in 1980 to more than 1 million units in 2004. The growth in terminals has accelerated since the late 1990s with the launch of new products. The number of data and voice terminals grew at a compounded annual growth rate of 36% from 1995 to 2004. Telecommunications market research firm, Northern Sky Research, expects units in service in the mobile satellite industry to exhibit a cumulative annual growth rate of 34.2% through 2010, resulting in a 17.9% cumulative annual growth rate in retail revenue.

The successful commercialization of the jointly developed land mobile and maritime terminals will enable IMST to penetrate the lucrative land mobile and maritime markets, which traditionally have been contributing significantly to the annual revenue of Inmarsat Ltd, a global leader in broadband satellite communications.

\* BGAN: Broadband Global Area Network – Inmarsat's new broadband voice and data service



### **About IMST GmbH, Germany**

IMST is an international-operating engineering service provider in areas such as wireless communications and microelectronics. Business Areas of IMST are contract-based development and licensing of technologies for the IT, Mobile- and Satellite communication industry. IMST provides engineering solutions, software tools and several test and measurement services to its worldwide clients.

The company has been founded in 1992 by Professor Wolff and Dr. Waldow, who are still the share holders of the enterprise.

Today, IMST employs about 145 well experienced scientists and engineers. Numerous innovations in the field of cellular handsets as well as the minimization of EM radiation towards the human head by introducing optimized antenna concepts are well recognized.

Customers will gain from services such as:

- IMST.Solutions: System development, radio technologies, hardware, software
- IMST.Components: Design and development of components from ICs towards the antenna
- IMST.Products: EDA design tools for the synthesis and analysis of complex microelectronic high-frequency circuits
- IMST.Services: accredited test and measurement center for electromagnetic compatibility (EMC) and EM-dosimetry/SAR, Antennas and RF as well as a prototyping line for LTCC and hybrid circuits

[www.imst.com](http://www.imst.com)

### **About Addvalue Communications Pte Ltd**

Established in Singapore since 1994, Addvalue Communications Pte Ltd, a wholly owned subsidiary of Addvalue Technologies Ltd, is a leading one-stop digital, wireless and broadband communications technology products innovator, which provides comprehensive satellite communication solutions, tracking and telemetry communications solutions and digital wireless design services for customers and business partners which include global leaders in the communications, information technology and electronics industries. Addvalue Technologies Ltd is listed on the Main Board of the Singapore Exchange (symbol: addvaltech). Addvalue Technologies Ltd web site is: [www.addvaluetech.com](http://www.addvaluetech.com)

### **About Inmarsat Ltd**

Inmarsat began operating in 1979 and is today a leading provider of global mobile satellite communication services. It stands at the forefront of 3G wireless telephony, capitalizing on almost a quarter of a century's experience to deliver communications solutions to enterprise, maritime and aeronautical users around the globe. Inmarsat operates a constellation of geostationary satellites that extend mobile phone, fax and data communications to virtually every part of the world. End-users can dial into the international telephone network and send data over the Internet at any time, simply by connecting to an Inmarsat satellite. Inmarsat-based services and solutions, including the mobile phones and other devices used to connect to its satellites, are sold by a network of hundreds of Inmarsat partners in more than 80 countries around the world. Inmarsat is a wholesaler and provider of the satellite airtime. [www.inmarsat.com](http://www.inmarsat.com)

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