

**ADDVALUE TECHNOLOGIES LTD**

Company Registration Number: 199603037H

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**ADDVALUE AND INMARSAT SIGN  
MEMORANDUM OF UNDERSTANDING  
TO PROVIDE ON-DEMAND COMMUNICATIONS  
LINKS TO ENHANCE LEO SATELLITE OPERATIONS**

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**Singapore, 2 February 2017** – Addvalue Innovation Pte Ltd (“Addvalue”), a wholly-owned subsidiary of Singapore’s Main Board listed company, Addvalue Technologies Ltd, and Inmarsat, the leading provider of global mobile satellite communications, have signed a Memorandum of Understanding (MoU) to offer a data relay service to meet the communications needs of the Low Earth Orbit (LEO) satellite market.

Up until now, communications with LEO satellites has only been available when the satellite is within sight of an earth station. This limited connectivity is available only on a rigid time schedule based on the particular LEO satellite’s orbit and the geographic placement of the earth stations.

The new service designed to address this issue will be based on Addvalue’s space tested Inter-Satellite Data Relay System (“IDRS”) terminal and Inmarsat’s established Geosynchronous Earth Orbit (GEO) I-4 satellite-based Broadband Global Area Network (BGAN) network. The real-time links will enhance the operational efficiency of LEO satellites and Inmarsat and Addvalue expect to finalise a full agreement shortly.

Under the proposed agreement, Addvalue and Inmarsat will take the IDRS service to market, providing commercial, on-demand, 24/7 two-way IP-based data services for

in-orbit LEO satellite missions. Addvalue's IDRS is an innovative new service that addresses a long standing constraint confronting the operation of LEO satellites.

Dr Colin Chan Kum Lok, Chairman and CEO of Addvalue, remarked: "We are delighted to join with Inmarsat to offer IDRS to the expanding LEO satellite market. Basing this service on Inmarsat's I-4 GEO satellite constellation, which is already in orbit and fully operational, significantly reduces the cost and time to market for IDRS. We are pleased to note that the commercial model we are working on will grant Addvalue exclusive air time distribution rights for the Addvalue IDRS service."

Mr Tan Khai Pang, Chief Operating and Technical Officer of Addvalue said: "We are pleased that our year-long, in-orbit operation of the Addvalue-developed IDRS terminal, in conjunction with the Inmarsat BGAN satellite network, yielded extremely positive results. These tests have clearly established IDRS feasibility and demonstrate that Inmarsat BGAN network IDRS based communications can significantly improve the operation of LEO satellites."

Mr Tan also said: "This partnership with Inmarsat signifies the maturity of Addvalue's IDRS design and recognition that together Inmarsat and Addvalue have a cost effective solution to a problem that has confounded commercial LEO satellite operators for many years. Riding on the momentum of our in-orbit tests and this MOU with Inmarsat, we look forward to offering IDRS service to LEO satellite operators around the world."

Andy Start, President, Inmarsat Global Government, welcomes the opportunity that this IDRS solution provides for Inmarsat's GEO satellites to help solve a problem that has plagued the LEO satellite industry. "It is very exciting that Addvalue and Inmarsat are able to offer a solution that will enable real-time command and control and data transfer for LEO satellites via our trusted GEO constellation. The successful in-orbit testing has been a ringing endorsement of both the Addvalue IDRS terminal and our satellite constellation. We look forward to working together with our technology partner Addvalue to promote this solution to LEO operators across the globe."

Andy further noted that Inmarsat's U.S. Government unit is similarly looking forward to working with Addvalue on agreements to bring this service to that market

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**About Addvalue ([www.addvaluetech.com](http://www.addvaluetech.com))**

*Addvalue Innovation Pte Ltd, a wholly-owned subsidiary of SGX Mainboard-listed Addvalue Technologies Ltd (A31), is a leading one-stop digital, wireless and broadband communications technology products innovator, which provides state-of-the-art satellite-based communication terminals and solutions for a variety of voice and IP based data applications.*

*Addvalue is presently a leading global developer and supplier of mobile satellite terminals supporting coverage provided by premier mobile satellite communication system operators. These terminals are an ideal choice for communications in areas around the world where terrestrial networks are non-existent, or ineffective. This is particularly so for maritime communications, which rely almost entirely on satellite communications, where Addvalue's marine communications terminals are well suited.*

**About Inmarsat ([www.inmarsat.com](http://www.inmarsat.com))**

*Inmarsat plc is the leading provider of global mobile satellite communications services. Since 1979, Inmarsat has been providing reliable voice and high-speed data communications to governments, enterprises and other organizations, with a range of services that can be used on land, at sea or in the air. Inmarsat operates in more than 60 locations around the world, with a presence in the major ports and centres of commerce on every continent. Inmarsat is listed on the London Stock Exchange (ISAT.L). For more information, please visit [www.inmarsat.com](http://www.inmarsat.com)*

*The Inmarsat press release newsfeed and corporate updates are on [@InmarsatGlobal](https://twitter.com/InmarsatGlobal).*

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