

NEWS RELEASE



ADDVALUE TECHNOLOGIES LTD

Company Registration Number: 199603037H

Addvalue has successfully completed the development of a First-of-its-kind Smart Dual-mode Satellite Terminal with Beijing Seven Star

- The Smart Dual-mode Satellite Terminal – V1 Satellite Communication Terminal is developed pursuant to a joint collaboration between Addvalue and Seven Star
- The terminal supports both the China S band satellite system, known as Tiantong-01 (天通一号), and the Thuraya satellite system
- Targeting up to 40,000 terminals over five years

Singapore, 26 November 2018 – Singapore Exchange Mainboard-listed Addvalue Technologies Ltd, a leading player in the mobile satellite communications industry, today announced that its wholly-owned subsidiary, Addvalue Innovation Pte Ltd (“**Addvalue**”) and Seven Star Communication Technology Co. Ltd 柒星通信科技（北京）有限公司 (“Seven Star”), a company based in Beijing, China, have completed the development and test verification of a new dual-mode satellite terminal – V1 Satellite Communication Terminal (“**V1**”) pursuant to a joint product development collaboration. Seven Star is planning the production of V1 to support the commercial launch in the first quarter of 2019.

The V1 smart dual-mode satellite equipment supports both the China S band mobile satellite system, also known as Tiantong-01 (天通一号) and the Thuraya satellite system, thereby giving the end users the means to fully exploit the voice, data and short messages communications services offered by these two satellite systems. Designed with robustness to meet “Comms-on-the-Move” for maritime and land applications, the V1 terminal will be targeting the governmental agencies for marine fishery and regulatory control, transportation,

mining, forestry, water conservancy and disaster response services. The potential market for these services is projected to be about 40,000 terminals within five years from launch.

Mr She Feng, CEO of Seven Star commented that: *“Addvalue is well known in the satellite communication market in China and has well proven terminal development technologies for satellite communications. We are truly excited to debut our first jointly developed dual mode terminal for the underserved market in China and services required by the China governmental agencies where we have established very good working relationship. In addition, our deep knowledge of the supply chain industry in Guangdong area will enable us to greatly improve the cost efficiency to produce and supply this first-of-its-kind product specifically for the China market.”*

Mr Xue Feng, General Manager for China Market Development of Addvalue remarked: *“The commercialization of the China Tiantong-01 mobile satellite service signifies a new chapter for the satellite communication market in China. Given that all China governmental agencies have made Tiantong-01 as their preferred choice of mobile satellite communications service for critical missions and in times of disasters, the V1 terminal is well-poised to fill this huge demand while allowing the end users to have an option to access to the usual reliable and cost effective service offered under the Thuraya network. Together with our SF2500 terminals which have been successfully marketed in China since 2012, the V1 terminal will enable Addvalue to further expand its market reach in China.”*

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About China S-Band Mobile Satellite Communication System (“Tiantong-01”)

China decided to develop its own mobile satellite communications system after the 2008 Wenchuan earthquake or the Great Sichuan earthquake, when all terrestrial communications networks were almost paralysed and the disaster response operations were greatly dependent upon foreign mobile satellite systems. Tiantong-01 is the first China home-made mobile satellite system operating on S-Band. Like the Beidou Navigation System, it forms an integral part of the China space strategy that aims to have China’s very own sovereignty control on spaced-based communications. It will play a pivotal role in the China “Belt and Road” economic initiative.

The first satellite of Tiantong-01 was launched into the geostationary orbit in August 2016. After two years of in-orbit testing it has started commercial services in China for handheld mobile phones using a dedicated calling code segment “1740” in May 2018, China has planned to launch two more geostationary satellites under the Tiantong-01 system to provide adequate coverage and capacity for Asia, Middle East and Africa.

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Tiantong-01 was designed by China Academy of Space Technology and its ground service is operated by China Telecom.

About Addvalue (www.addvaluetech.com)

Addvalue Technologies Ltd (A31) a SGX Mainboard-listed company, 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 Seven Star Communication Technology Co. Ltd (www.7sate.com/)

Seven Star Communication Technology Co. Ltd is a Beijing incorporated company. Its main business is to design, develop, manufacture and market mobile satellite communication terminals. Seven Star has independently implemented the China S band satellite phone within two years and granted the first network-entry license for China S band satellite terminal by Ministry of Industry and Information Technology. In 2017, Seven Star entered into a collaboration agreement with Addvalue to develop satellite communication products and solutions especially for the China market. Besides V1 terminal, the collaboration also includes broadband data terminal, aircraft control, satellite Telemetry, Tracking, Command and Control.

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