PRESS RELEASE

ADDVALUE INTRODUCES STATE-OF-THE-ART RE-CONFIGURABLE DIGITAL RADIO MODULE EQUIPPED ADRS1000™ FOR HIGH-END SOFTWARE-DEFINED RADIO ("SDR") SYSTEMS TARGETING THE HIGH GROWTH 5G, MOBILE SATELLITES AND UNMANNED VEHICLES MARKETS

Singapore, 2 September 2021 – Singapore Exchange Mainboard-listed Addvalue Technologies Ltd ("**Addvalue**"), a leading player in the mobile satellite communications industry, announced the introduction by its wholly-owned subsidiary, Addvalue Innovation Pte Ltd, of ADRS1000™, an ultra-high performance re-configurable digital radio module with the aim to enable its customers to accelerate the development and deployment of highly complex wireless systems that are going to be the mainstays across many industries in the 5G era and beyond.

Until recently a wireless embedded system that employs a re-configurable hardware module must have a separate RF front-end in its system architecture. Such a design approach usually runs into a limit when further reduction of size, weight and/or power is desirable or even critical for a mission.

The ADRS1000™ is developed on the back of the Addvalue's rich heritage in the development of RF modules and FPGA-SoC embedded systems for bespoke wireless applications in defence and other mission-critical industries. Incorporated with the latest Xilinx Zynq® UltraScale+™ RFSoC ("Zynq RFSoC"), the ADRS1000™ will bring to life the non-pareil capabilities of the Zynq RFSoC, a single chip design that is packed with built-in adaptive digital radio front-end, an Arm® Cortex®-A53 processing subsystem and UltraScale+ programmable logic with amble computing resources to meet most demanding digital signal processing jobs required of in today's increasingly complex digital radio applications.

According to Grand View Research, the global SDR market size is expected to reach US$39.6 billion by 2027, registering a CAGR of 8.7% from 2020 to 2027. Leading applications of which include military modernization projects as well as innovations in 5G technologies in satellite-based and terrestrial-based communication networks across the world.

Addvalue will be well poised to capitalise on this rapid growth with ADRS1000™ as it will act as a core building block in complex wireless products for a variety of high-end applications, particularly in 5G satellite-based or terrestrial-based network, unmanned vehicles (aerial or surface), anti-drone system, new generation of mobile satellite systems, radar systems and high-performance test and measurement instrumentation.

Dr Colin Chan Kum Lok, Chairman & CEO of Addvalue, remarked that: "*The ADRS1000™ is the first RFSoC module of Addvalue. Together with the accompanying comprehensive support package, Addvalue can immediately help system owners shorten time to develop and deploy their complex systems as the ADRS1000™ is not only ruggedly designed to operate reliably in challenging environments, but also highly scalable and flexible for design amelioration or upgrade even after deployment. Addvalue expects to officially roll out the ADRS1000™ within the first quarter of 2022. As of now, we have already received strong interests from our partners for their system integration projects in 2022 during our pre launch*."

More information on the ADRS1000™ and its companion development support package will be available at www.addvaluetech.com/adrs1000/

About Addvalue Technologies Ltd

Addvalue Technologies Ltd (A31), a SGX Mainboard-listed, is a leading satellite-based communication solutions company. Addvalue provides state-of-the-art communication terminals for use in space, in the air, at sea and on the ground. The company also offers extensive engineering and integration services to its customers. Addvalue's expertise extends far beyond where the world's terrestrial networks end. Whatever the market or application, the company's wide range of satellite-based products and services is sure to offer the right technology to drive enhanced connectivity. For more information, visit www.addvaluetech.com

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