

NEWSPACE MARKET · COMPANY PROFILE

The logo for Addvalue Technologies, featuring the word "ADDVALUE" in a dark blue, sans-serif font. Above the "V" is a small graphic of three green dots arranged in a triangular pattern.

Addvalue Technologies

Singapore · founded 1996 · addvaluetech.com

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PRODUCTS

4

SERVICES

newspacemarket.com/companies/addvalue-technologies/

as of 20 August 2026

Addvalue Technologies

Addvalue designs and manufactures satellite-based communication and digital broadband products and solutions for connectivity applications at seas, on land, on flight, and in space. The company's technical competencies include Radio and Antenna Design, Embedded System Design, and Software Defined Radio platforms. They offer design services for end-to-end solutions, including RF analog front-end HPA and LNA design for high-power wireless products such as L-band satellite terminals, and patch or omni-directional antenna design and integration. Addvalue also develops circuitry for analog signal, power supply, logic control, and device interface, and is proficient in multi-layer PCB layout. Their product lines include Space Connectivity (SPC), Advance Digital Radio (ADR), Satcom Connectivity (STC), and Strategic Design Services (SDS). Customers include organizations in commercial, defense, and space industries. Notable programs and collaborations involve SpeQtral for quantum-secure satellite services, D-Orbit for in-orbit infrastructure-as-a-service with IDRS™, Vast for Haven-1 Space Station connectivity, iQPS SAR satellite for IDRS™ comms tech, BlackSky and Inmarsat for Earth Observation with IDRS™, Astroscale's ELSA-M debris removal mission with IDRS™, IQ spacecom for InCommand TM/TC service, Loft Orbital for LEO Satellite Condominiums with IDRS™, and Atomos Space for LEO satellite orbital positioning with IDRS™. Addvalue is a constituent of the MSCI Global Micro Cap Indexes – Singapore Index and a member of the Mobile Satellite Services Association (MSSA) and Inmarsat's ELEVATE Programme.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

SERVICES

Services

Embedded Design

Addvalue is proficient in developing circuitry for analog signals, power supply, logic control, and device interfaces, including multi-layer PCB layout design for EMC/EMI conformance.

Radio Design

Addvalue provides radio design services, including RF analog front-end HPA and LNA design for high-power wireless products like L-band satellite terminals, and antenna design and integration.

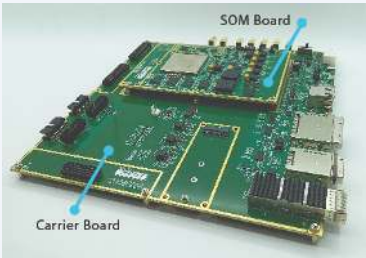
Solutions Design

Addvalue offers end-to-end solutions design, encompassing system architecture, component sourcing, UI/UX design, cloud hosting, system integration, installation, commissioning, training, and support.

System Integration

Addvalue performs end-to-end system integration to meet customer needs, as part of its comprehensive solutions design offering.

Product catalogue



ADDVALUE TECHNOLOGIES

ADRS1000 Software Defined Radio Module

Ultra-high performance reconfigurable SDR module on Xilinx Zynq UltraScale+ RFSoc — ARM Cortex-A53 — for accelerating 5G and complex wireless system development.

Platform	Xilinx Zynq UltraScale+ RFSoc
Processor	Arm Cortex-A53
Type	Software Defined Radio (SDR)
Target markets	5G, complex wireless systems

price on request



ADDVALUE TECHNOLOGIES

IDRS i100 Inter-Satellite Data Relay Terminal

1 kg compact full-duplex LEO satellite transceiver providing always-on IP connectivity via Inmarsat/Viasat I-4 at up to 200 kbps — for sub-50 kg satellites, 5-year orbit design lif

Dimensions	125 × 96 × 70 mm
Mass	1 kg
Data rate	Up to 200 kbps
Power (RX only)	8 W
Operational temperature	-25°C to +55°C
Interfaces	RS-422, Ethernet
Network	Viasat I-4 / Inmarsat (L-band GEO)

price on request

Contact Addvalue Technologies

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

<https://newspacemarket.com/companies/addvalue-technologies/>

<https://www.addvaluetech.com/>

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