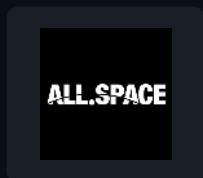


NEWSPACE MARKET · COMPANY PROFILE



All.Space

United Kingdom · founded 2013 · all.space

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PRODUCTS

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SERVICES

newspacemarket.com/companies/isotropic-systems-all-space/

as of 20 August 2026



All.Space

All.Space (formerly Isotropic Systems) is a satellite communications company founded in 2013 and headquartered in Reading, UK, that develops the world's first fully capable multi-link terminal platform. The company pioneered proprietary radio frequency optics technology enabling simultaneous connections to all satellite and cellular networks across every orbit — GEO, MEO, LEO, and HEO — through a single integrated device, without compromising individual link quality. Its signature positioning — One Device. All Networks. No Compromise. — captures its core innovation: solid-state electronic beam steering with no moving parts, software-defined intelligent routing, integrated modems, edge computing, and anti-jamming capabilities converged into a ruggedized hardware chassis. All.Space's Hydra terminal family represents the fifth generation of ground segment devices, designed primarily for defense and government customers. The company has deployed terminals to the U.S. Army and U.S. Navy, achieved SES O3b mPOWER network certification for Hydra MAX, and was selected by the Royal Canadian Navy for shore-based SATCOM trials. It has partnered with the Defense Innovation Unit (DIU), ESA, UK Ministry of Defence, SES, Telesat, and UK Space Agency, and has raised over \$77 million in equity financing from investors including Seraphim Space, AEI HorizonX, Promus Ventures, and SES. The company is now a wholly owned subsidiary of York Space Systems and operates a technical and manufacturing hub in Alabama, USA, in addition to its UK headquarters.

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

Certification and Compatibility

All.Space ensures its terminals operate on major networks like SES O3b mPOWER and LEO networks, with additional certifications in progress.

Customizable Configurations

All.Space provides customizable configurations for their terminals, allowing for swappable bays for modems, edge computing, cellular gateways, and other mission-specific integrations.

Environmental and Military Standard Testing

All.Space designs and tests its devices to the most stringent military environmental requirements to ensure active connection in critical situations.

Software-Defined Services

These services enable intelligent resource control, situational awareness, and PNT (Positioning, Navigation, and Timing) capable features for enhanced communication.

Product catalogue



ALL . SPACE

Hydra 2 — Dual-Link Ka Satellite Terminal

Dual-link Ka-band multi-orbit terminal delivering simultaneous full-performance GEO and MEO connections for defense mobility applications.

Simultaneous links	2
Frequency bands	Military Ka-band + Commercial Ka-band
Orbit support	GEO, MEO (future: LEO Ka-band)
Azimuth coverage	360°
Elevation scan range	20° to 90°
Pointing accuracy	<0.1° (on-the-move)
Beam steering	Electronic solid-state, no moving parts

price on request



ALL . SPACE

Hydra 4 — Quad-Link Multi-Band MilSatCom Terminal

Quad-link multi-band MilSatCom terminal connecting simultaneously to four satellites across Ka, Ku, and L-band in GEO, MEO, and LEO orbits.

Simultaneous links	4
Frequency bands	Military Ka + Commercial Ka + Ku-band (LEO) + L-band/Iridium
Orbit support	GEO, MEO, LEO, HEO
Architecture	Hydra 2 (dual Ka) + Ku terminal + Iridium L-band gateway, modular bays
Beam steering	Electronic solid-state, no moving parts (all links)
Anti-jamming	Integrated, jam-resistant design
Certifications	SES 03b mPOWER; U.S. Army validated

price on request

Contact All.Space

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/isotropic-systems-all-space/>

<https://all.space>