

NEWSPACE MARKET · COMPANY PROFILE

Open Cosmos

Satellite Platform & Ops

Open Cosmos

United Kingdom · founded 2015 · open-cosmos.com

5

PRODUCTS

newspacemarket.com/companies/open-cosmos/

as of 20 August 2026



Open Cosmos

Open Cosmos designs, builds, launches and operates small satellites end-to-end via its OpenOrbit mission service and runs the shared OpenConstellation satellite infrastructure for federated Earth-observation data.

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.

PRODUCTS

Product catalogue



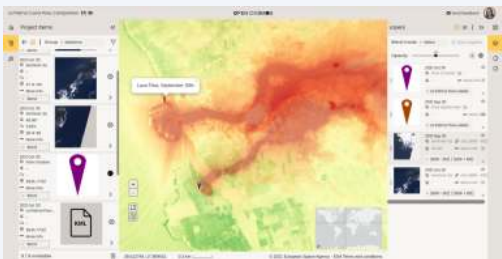
OPEN COSMOS

ConnectedCosmos

LEO satellite connectivity architecture combining a gatewayless space mesh with optical inter-satellite links, integrating EO, analytics, and mission management for resilient intel

Type	LEO space mesh connectivity architecture
Links	Optical Inter-Satellite Links (OISLs), gatewayless design
Integration	OpenConstellation EO, DataCosmos analytics, OpenOrbit operations
Target markets	Government, defense, critical infrastructure
Applications	ISR, maritime awareness, border monitoring, intelligence delivery

price on request



OPEN COSMOS

DataCosmos

Web-based Earth observation data platform with back-catalogue imagery, satellite tasking, AI analytics, and API integration for GIS workflows and Python tools.

Type	Earth observation data platform
Data sources	SpaceWill, Geosat, Sentinel, Landsat + aerial imagery back-catalogue
Interface	Browser-based with tasking, analytics, GIS layers
API	REST API for automated workflows and data pipelines
Standards	STAC, Cloud Optimised GeoTIFFs (COG), Python/Jupyter compatible

price on request



OPEN COSMOS

End-to-End Satellite Mission Services

Open Cosmos's fully managed smallsat mission service from payload specification through launch, operations, and data delivery.

Platform	Ossian CubeSat series (6U–16U)
Service Model	Fully managed end-to-end (design, build, launch, operate, data delivery)
Missions	MANTIS (UK Met Office), Menut (Catalonia), ESA programs, UK Lunar Pathfinder
HQ	Harwell, Oxford / Milton Keynes, UK
Founded	2015

price on request



OPEN COSMOS

Open Orbit

Open Cosmos's end-to-end satellite mission service that designs, builds, tests, launches, and operates small satellites (CubeSats and microsats) for Earth observation, IoT, and com

Bus form factors	3U, 6U, 12U, 16U CubeSat, and larger microsatellite variants
Starting mission price	£500,000
Mission lifecycle coverage	Design, manufacture, test, launch procurement, insurance, and operations
Launch site partnerships	8 global launch locations
Reported reliability	Up to 99.7% uptime across current missions
Flight heritage	QB50, Menut, Enxaneta, LS2, ALISIO-1, MANTIS, Phi-Sat-2, and other missions (12+ named mis

from £500 000



OPEN COSMOS

OpenConstellation

A mutualized shared satellite constellation providing diverse, frequent, and reliable Earth observation data to multiple partners with reduced cost and priority tasking rights.

Type	Mutualised shared Earth observation constellation
Data advantage	3x data volume over region of interest vs. single-satellite
Sensor types	Multispectral, hyperspectral, IR, thermal (MR to VHR resolution)
Services	Priority tasking, free data, full mission management
Integration	DataCosmos analytics, ConnectedCosmos connectivity

price on request

Contact Open Cosmos

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.

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<https://www.open-cosmos.com/>

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