

NEWSPACE MARKET · COMPANY PROFILE

XPLORE®

Kubos (acquired by Xplore)

United States · founded 2014 · xplore.com

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PRODUCTS

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SERVICES

newspacemarket.com/companies/kubos/

as of 20 August 2026



Kubos (acquired by Xplore)

Kubos Corporation was a Denton, Texas-based satellite software company founded in 2014 by Marshall Culpepper, Jesse Hamner, and Tyler Browder. The company set out to solve a persistent problem in the smallsat industry: nearly every satellite team was building bespoke, one-off flight and ground software from scratch. Kubos's first major product, KubOS, released as a developer preview in 2016 and reaching a 1.0 release in 2017, was marketed as an open-source, end-to-end operating system for small spacecraft, combining a real-time OS or embedded Linux core, a hardware abstraction layer, and flight middleware. KubOS was adopted by nanosatellite manufacturers including ISIS, NanoAvionics, and Pumpkin Inc. Kubos later shifted its primary commercial focus to Major Tom, a cloud-based mission operations platform for satellite tracking, ground station scheduling, commanding, and telemetry monitoring across multiple ground station networks. Major Tom was designed to be constellation- and mission-agnostic, offering a browser-based dashboard, REST API, role-based access control, and enterprise security compliance including ITAR and NIST alignment. On April 4, 2022, space infrastructure company Xplore Inc. acquired Kubos Corporation and its Major Tom platform. Kubos's team joined Xplore, where Major Tom continues to operate as Xplore's 'Operations as a Service' offering, running Xplore's own satellite constellation as well as being sold to external satellite operators. The kubos.com domain now redirects to xplore.com.

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

API Integration and Automation (via Major Tom)

Major Tom offers a comprehensive REST API for deep integration with existing ground segments, flight dynamics systems, and mission planning tools, enabling automation of various operations.

Compute as a Service

Customers can run their algorithms on Xplore's orbital edge computing platform to create data fusion products, extract insights, and perform data reduction.

Data as a Service

Xplore provides high-quality remote sensing data products, including hyperspectral imagery, from its low Earth orbit satellite constellation.

Ground Station Network Access (via Major Tom)

Through the Major Tom Global Partner Program, customers gain access to a network of premier ground stations worldwide for satellite communication.

Operations as a Service (Major Tom)

Major Tom provides satellite ground operations software as a service, enabling customers to operate their satellites or constellations with multiple ground station networks.

Product catalogue



KUBOS (ACQUIRED BY XPLORE)

KubOS

Open-source flight software operating system for small spacecraft, combining an RTOS/Linux core, hardware abstraction layer, and flight middleware.

Kernel options	RIOT-based RTOS, FreeRTOS, embedded Linux
Communication protocol	CubeSat Space Protocol (CSP)
Release	1.0 (2017)

price on request



KUBOS (ACQUIRED BY XPLORE)

Major Tom

Cloud-based mission operations software for scheduling, commanding, tracking, and monitoring telemetry across satellite constellations.

Uptime SLA	99.9%
Security compliance	ITAR, NIST, SOC 2 Type II, 2FA, SSO

price on request



KUBOS (ACQUIRED BY XPLORE)

Space as a Service®

Xplore's 'Space as a Service' offers Data, Compute, and Operations services leveraging a low Earth orbit satellite constellation for remote sensing data, edge computing, and satell

Uptime	99.9%
Compliance	SOC 2 Type II
Security	2FA, ITAR compliance, NIST/HTTPS/SSO
Deployment	Multi-availability-zone with automatic failover

price on request



KUBOS (ACQUIRED BY XPLORE)

Space as a Service® (Data, Compute, and Operations)

Xplore's Space as a Service® offers a comprehensive suite of solutions including Data as a Service from a LEO satellite constellation, Compute as a Service for orbital edge computi

Sensor types	Multi/hyperspectral, SWIR, high-res RGB/video, UV imaging, RF sensors, radiation sensors
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price on request

Contact Kubos (acquired by Xplore)

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.xplore.com>

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