

NEWSPACE MARKET · COMPANY PROFILE



Orbit Logic

United States · founded 2000 · orbitlogic.com

6

PRODUCTS

newspacemarket.com/companies/orbit-logic/

as of 20 August 2026

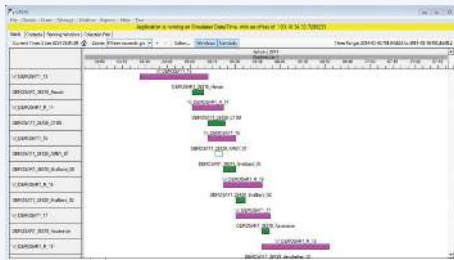
A large, faint, stylized graphic in the background, resembling a satellite or orbital path, with a central circle and two curved lines forming an arc.

Orbit Logic

Orbit Logic, founded in 2000 and headquartered in Greenbelt, Maryland, is a mission planning and scheduling software company serving the space, defense, and intelligence communities. For more than two decades the company has developed operationally proven commercial off-the-shelf (COTS) products that generate optimized, deconflicted plans for imaging satellites, satellite constellations, unmanned aerial vehicles, and space situational awareness sensor networks. The company's core product line includes the Collection Planning and Analysis Workstation (CPAW) for synthetic-aperture radar (SAR) and electro-optical (EO) satellite imagery collection planning, STK Scheduler (developed in partnership with AGI, an Ansys company) for general-purpose aerospace resource scheduling, the Order Logic web application for satellite imagery order management, the SpyMeSat mobile app for consumer and government access to satellite imagery, UAV Planner for unmanned aerial vehicle route and sensor tasking, and the Autonomous Planning System (APS), onboard flight software for automated, event-driven planning without requiring contact with ground control. Orbit Logic has also developed mission-specific solutions such as Heimdall, a sensor tasking system for space situational awareness, and MinAu, a multi-vehicle planning and response system for maritime operations developed with the University of Colorado's Research and Engineering Center for Unmanned Vehicles (RECUV). Orbit Logic's software has been licensed to roughly 250 customers, including nearly every NASA field center as well as other U.S. government agencies, allied governments, and commercial satellite operators. In February 2023, Orbit Logic was acquired by Boecore, and on January 1, 2024, it became part of Auria, a space, missile

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.

Product catalogue

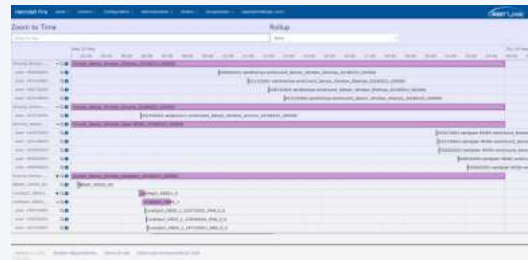


ORBIT LOGIC

Collection Planning and Analysis Workstation (CPAW)

High-fidelity spacecraft modeling and multi-algorithm scheduling software that generates optimized, ready-to-command imagery collection plans for SAR and EO satellites.

price on request



ORBIT LOGIC

Heimdall – Sensor Tasking for SSA

Automated, optimized sensor tasking system for space situational awareness, scheduling observations of known and uncharacterized objects from ground and space observatories.

price on request

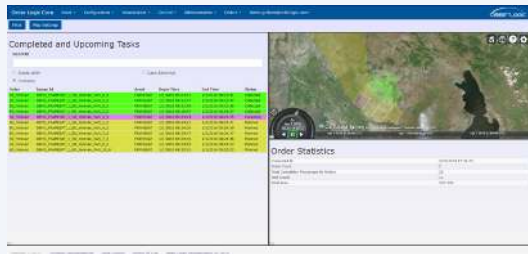


ORBIT LOGIC

MinAu Planning System

Advanced multi-vehicle mission planning, scheduling, and response system for the maritime environment, combining automated route planning with autonomous onboard response.

price on request



ORBIT LOGIC

Order Logic

Web application for browsing, creating, and managing satellite imagery collection orders, with collection feasibility estimation across single or multi-satellite constellations.

price on request



ORBIT LOGIC

SpyMeSat Mobile App

Award-winning mobile app providing real-time imaging-satellite overflight awareness, on-demand purchase of recent satellite imagery, and direct in-app satellite tasking requests.

price on request



ORBIT LOGIC

STK Scheduler

Flagship COTS scheduling application providing flexible resource modeling, configurable constraints, and optimized task deconfliction for any space system scheduling challenge.

price on request

Contact Orbit Logic

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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