

NEWSPACE MARKET · COMPANY PROFILE



Vantor

United States · founded 2025 · vantor.com

5

PRODUCTS

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as of 20 August 2026

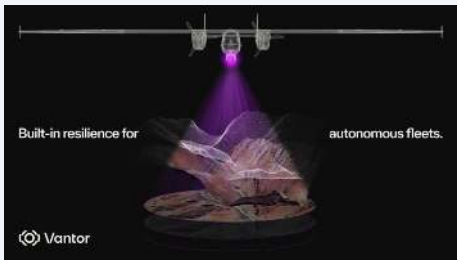
A large, faint, dark blue watermark of the Vantor logo is visible in the background on the right side of the page.

Vantor

Vantor forges the new frontier of spatial intelligence, empowering decision-makers and operators with total clarity from space to ground. Launched in October 2025 as the rebranded intelligence division of Maxar Technologies, Vantor builds on decades of Earth observation heritage to deliver AI-ready geospatial products anchored to a living digital twin of the planet. At the heart of Vantor's offering is an imaging satellite constellation — including WorldView and WorldView Legion satellites — capable of revisiting any location on Earth up to 15 times per day and collecting nearly 7 million square kilometers of high-resolution imagery daily. This foundation powers the entire product portfolio, from sub-15 cm resolution basemaps to mission-critical 3D terrain data and real-time orbital intelligence. Vantor's Tensorglobe platform automates the full intelligence cycle — from satellite tasking through imagery production to AI-powered analysis — enabling customers to build their own living digital twin of Earth. The platform integrates data across space, air, and ground sensors, supporting autonomous systems, common operating pictures, and real-time decision-making at scale. Today, Vantor powers 90% of U.S. Government foundational geospatial intelligence, supports 60+ government partners worldwide, and underpins navigation applications used by over 1 billion people. With 2,000+ employees across every inhabited continent and 1,300+ cleared team members, Vantor operates at the intersection of national security, commercial geospatial, and autonomous systems.

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Product catalogue



VANTOR

Raptor GPS-Denied Navigation Suite

Vision-based software suite (Guide, Sync, Ace) that gives autonomous drones GPS resilience using onboard cameras and Vantor 3D terrain data.

Aerial position accuracy	<10 m RMSE in all dimensions (GPS-denied)
Ground coordinate extraction accuracy	<3 m absolute accuracy
Operating conditions	Works at night and at low altitudes
Suite components	Raptor Guide (positioning), Raptor Sync (georegistration/fusion), Raptor Ace (operations)
Data foundation	Vantor Vivid Terrain (3 m-accurate 3D terrain data)
Deployment	Platform-agnostic, deployable on low-power commodity hardware, uses drone's existing camer
Independent validation	Raptor Guide performance analysis conducted by Inertial Labs

price on request



VANTOR

Sentry Predictive Monitoring Suite

Automated global-scale ISR monitoring solution that fuses multi-constellation tasking with AI analysis to predict threats before they emerge.

Coverage scale	Automated monitoring across hundreds of sites simultaneously
Historical archive	20+ years of 30 cm-class satellite imagery
Core software integration	Cortex (multi-constellation orchestration) and Forge (real-time data fusion)
Product domains	Terrestrial monitoring and maritime domain awareness
Data sources orchestrated	Electro-optical, SAR, and customer-owned assets
Delivery	Insights UI within the Vantor Hub and other channels

price on request



VANTOR

Vivid Basemaps

AI-updated 2D and 3D global basemap suite offering seamless mosaics, 3D terrain, and vector features.

Mosaic coverage (15 cm)	6 million sq km across the world's most populated areas
Mosaic coverage (30 cm)	Virtually all of Earth's landmass except Antarctica
Mosaic accuracy	<5 m CE90, 4 spectral bands (BGRN)
Terrain accuracy	3 m absolute accuracy in all dimensions
Terrain coverage	>100 million sq km (95% of highest areas of interest)
Terrain data types	Mesh surface models with real textures, raster and point-cloud elevation data
Features data source	Developed in partnership with Ecopia AI

price on request

VANTOR

WorldView Legion Constellation

Maxar's 6-satellite very-high-resolution (30 cm) optical constellation providing high-frequency Earth observation revisits for defense, intelligence, and commercial customers.

Resolution	30 cm panchromatic
Constellation Size	6 satellites
Orbit	SSO
Applications	Defense/intelligence, change detection, precision agriculture, urban
Key Customer	US NGA (EnhancedView program)
Status	In service (2022–2023 launches)

price on request



VANTOR

WorldView Tasking Suite

Unified, on-demand tasking access to Vantor's satellite imaging constellation, covering Earth and orbital objects.

Constellation	10 imaging satellites
Daily collection capacity	~7 million sq km, including 3.5+ million sq km at 30 cm resolution
Revisit rate	Up to 15 revisits per day
Accuracy	<5 m CE90
WorldView Radar source	Umbra synthetic aperture radar (SAR) satellites, all- weather day/night collection
WorldView Space resolution	<10 cm for orbital object imaging (non-Earth imagery)
Access Programs delivery	As fast as 15 minutes after collection

price on request

Contact Vantor

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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