



D-Orbit Announces In-Orbit Edge Computing Collaboration with SkyServe STORM

D-Orbit Integrates Edge Computing in Space as Part of SkyServe's Mission Matterhorn

Fino Mornasco, Italy, April 18, 2024: [D-Orbit](#), a leader in the space infrastructure, logistics and orbital transportation industry, announced today that **they will be enabling edge computing capabilities with the [SkyServe STORM](#) platform**, aboard some of the ION Satellite Carriers that make up the fleet of orbital transfer vehicles that the company has already in orbit (specifically, ION SCV004 Elysian Eleonora) and then on a more performant ION in 2025.

As a part of Mission Matterhorn, SkyServe STORM will leverage D-Orbit's live earth observation data feed, onboard compute and data distribution resources to process images into inferences directly in space and deploying geo spatial end-use applications. The mission is designed to enable geospatial organization and analytics companies to deploy artificial intelligence models on satellites, aiming to significantly enhance in-orbit data processing and analytics capabilities.

*"SkyServe STORM's deployment represents a pivotal moment for space-based data analytics. This mission with D-Orbit allows us to perform complex processing tasks in orbit, and making space data more accessible and actionable for our clients", remarked **Vinay Simha, CEO of SkyServe**. "We are excited to collaborate with D-Orbit paving the way for in-orbit data processing, for applications on the edge".*

SkyServe STORM's deployment on D-Orbit's ION Satellite Carrier will provide a suite of data processing capabilities, such as smart discard, tasking, compression and other deep learning features on D-Orbit's upcoming missions.

*"I am thrilled to work with SkyServe on this mission. The mission highlights the type of engagement between leading space tech companies that result in meaningful outcomes for technology, business, and society", commented **Viney Jean-Francois Dhiri, D-Orbit's Head of Business Development**. "The collaboration with SkyServe not only facilitates their in-orbit STORM platform but also aligns with our mission to provide comprehensive in-orbit services. Combining our technology with edge computer providers, as we have with Unibap's iX5 product, has enabled us to offer a novel route to space for impactful solutions since 2023, throughout 24 and beyond".*

D-Orbit has long been at the forefront of deploying software in-orbit, working within a vibrant ecosystem, continually expanding its capabilities and infrastructure to support innovative space technologies. This collaboration underscores D-Orbit's commitment to driving forward space innovation, providing customers with essential services to demonstrate their capabilities in orbit, while also offering continued support to anyone looking to leverage the unique advantages of space for their technologies and applications.

About D-Orbit

D-Orbit is a market leader in the space logistics and transportation services industry with a track record of space-proven services, technologies, and successful missions.

Founded in 2011, D-Orbit is the first company addressing the logistics needs of the space market. ION Satellite Carrier, for example, is a space vehicle that can transport satellites in orbit and release them individually into distinct orbital slots, reducing the time from launch to operations by up to 85% and the launch costs of an entire satellite constellation by up to 40%. ION can also accommodate multiple third-party payloads like innovative



technologies developed by startups, experiments from research entities, and instruments from traditional space companies requiring a test in orbit. The whole, fully redundant ION can be rented for edge computing applications and space cloud services to provide satellite operators with storage capacity and advanced computing capabilities in orbit.

D-Orbit's roadmap includes becoming a relevant player in the in-orbit servicing market, which is forecasted to become one of the largest, growing markets within the space sector.

D-Orbit has offices in Italy, Portugal, the UK, and the US; its commitment to pursuing business models that are profitable, friendly for the environment, and socially beneficial, led D-Orbit S.p.A. to become the first certified B-Corp space company in the world.

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