

Momentum and NanoRacks Announce Working Relationship

Technology from Momentum Aims to Support World's Leading Commercial Space Station Company

AUGUST 05, 2019 – Santa Clara, CA -- Momentum (<http://www.momentum.space>), a provider of in-space shuttle services that move satellites between orbits, today announced a working relationship with NanoRacks to utilize the Bishop Airlock Module for Vigoride services from 2021 when the module will be installed on the International Space Station. The companies also plan to have a test launch of Vigoride in Q2-Q3 of 2020 using NanoRacks' existing Kaber microsatellite deployer.

A graduate of the prestigious Y combinator program and based in Santa Clara, California, Momentum recently announced a \$25.5MM Series A led by Prime Movers Lab. Momentum employs new and proprietary technology including water plasma engines for the mission of low-cost sustainable transportation through space. Momentum designs and builds Vigoride shuttle powered by proprietary water plasma propulsion to ferry up to 250 kg of payload, including satellites from one orbit to another. The business model of Momentum includes making orbital shuttle reusable in the future and using the space station as a logistics outpost for in-space transportation services.

The NanoRacks Airlock Module ("Bishop") is the first-ever commercial Airlock that will operate on the International Space Station. Owned and operated by NanoRacks, Bishop is both a permanent commercial module onboard the International Space Station, and also a module capable of being removed from the Space Station and used on future commercial platforms under the NanoRacks Space Outpost Program. Bishop will offer five times the satellite deployment volume than current opportunities available on the Space Station today, as well as hosted payload mounts and pressurized research racks. The Airlock is manifested to launch on SpaceX CRS-21. Momentum is looking forward to utilizing the Bishop airlock capacity to launch up to 250 kg satellites to various orbital altitudes and LTANs.

"We are looking forward to a long and fruitful partnership with NanoRacks, who have been the leading supplier of launch and hosted payload experiments onboard the International Space Station," said Mikhail Kokorich, CEO of Momentum. "The Momentum service offerings are complementary to that of NanoRacks, allowing their customers to go beyond the station to a higher altitude, prolonging their mission life."

"This is exactly why NanoRacks chose to invest in the first-ever commercial airlock for the Space Station. Bishop is here to enable technology development and to further enhance our customers' abilities in space. Momentum is doing both, says Jeffrey Manber, CEO of NanoRacks. "We are thrilled to be working with Momentum, and we see a lot of mutually beneficial opportunities from this collaboration."

To Book Orbital Repositioning or Launch Services with Momentum Contact

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The learn more about the NanoRacks Bishop Airlock, please contact info@nanoracks.com , or visit NanoRacks and Momentus in the East Colony Room at the Small Satellite Conference in Logan, Utah.

About Momentus

Momentus is providing a shuttle service for satellites. The company was founded in 2017 in Santa Clara, CA with the idea to revolutionize space transportation by offering last-mile shuttle service for satellites. Momentus designs and builds orbital shuttles propelled by proprietary water plasma thrusters. The service is to ferry satellites to final orbit after they will be delivered by conventional chemical rockets to the initial orbit. Momentus is 30 people team, the company raised \$34m up to now.

For more information and a list of job openings, please visit us at <http://www.momentus.space/careers>

About NanoRacks

[NanoRacks LLC](#), an XO Markets company, is the world's leading commercial space station company. NanoRacks believes commercial space utilization will enable innovation through in-space manufacturing of pharmaceuticals, fiber optics – and more, allow for transformational Earth observation, and make space a key player in finding the solution to Earth's problems.

Today, the company offers low-cost, high-quality solutions to the most pressing needs for satellite deployment, basic and educational research, and more –in over 30 nations worldwide. Since 2009, Texas-based NanoRacks has truly created new markets and ushered in a new era of in-space-services, dedicated to making space just another place to do business.

In 2017, the Company announced its long-term plans via the NanoRacks Space Outpost Program. This program is dedicated to the repurposing of the upper stages of launch vehicles in-space and converting these structures into commercial habitats, both humanly and robotically tended, throughout the solar system.

For NanoRacks media inquiries, please email Abby Dickes, adickes@nanoracks.com