

# Momentum Selected as Launch Provider for SteamJet Technology Demonstration Mission

February 04, 2020 – Santa Clara, CA -- Momentum ([www.momentum.space](http://www.momentum.space)), provider of in-space transportation services for satellites, today announced a launch service agreement with UK-based SteamJet. Launching from a Soyuz to SSO, the 1.5U demonstrator satellite will allow SteamJet to complete its first technology demonstration mission for their safer, more compact and more affordable water-based propulsion system.

“We are excited to be a part of SteamJet’s important flight heritage,” said Mikhail Kokorich, CEO of Momentum. “Momentum and SteamJet share the goal of expanding the current mission capabilities of smallsats, enabling satellites to stay in space longer.”

A graduate of the prestigious Y Combinator program, and based in Santa Clara, California, Momentum raised \$40M of equity funding, including a \$25.5MM Series A in 2019. Momentum employs new and proprietary technologies, including water plasma propulsion to enable revolutionary and affordable orbital shuttle services. A 16U demonstration mission, “El Camino Real”, was launched and tested in 2019. Two demo missions of the Vigoride transfer vehicle will fly in 2020, paving the way for commercial missions from 2021 onward.

“It’s a pleasure to be working with Momentum on launch integration and using their technology for our final orbital placement,” said SteamJet CEO Pavel Savin. “Momentum has created a fantastic efficiency to cost ratio, and we look forward to continuing the relationship with future SteamJet satellites.”

SteamJet develops and manufactures water-based resistojet propulsion for smallsats/cubesats. Their propulsion system uses water or any other low pressure, non-toxic and non-corrosive fluid as the propellant to create thrust in a low power resistojet. Unlike high pressure cold gas thrusters or hazardous monopropellant systems, the SteamJet propulsion unit is safe for launch-site operations, or storage within the International Space Station, reducing the overall mission risks. The propulsion system allows smallsats and cubesats to stay in space longer, change and optimise their orbit, operate in constellations, avoid collisions and de-orbit at the end of their missions. The high thrust and low power consumption also enables satellites to reach their final orbit sooner and with less power required than electric propulsion.

## **About Momentum**

Momentum is the first company providing in-space transportation services for satellites. The company was founded in 2017 in Santa Clara, CA. Momentum designs and builds transfer vehicles propelled by proprietary water plasma thrusters. The vehicles ferry satellites to a

custom orbit after they are delivered by conventional rockets to their initial orbit. Momentus is a 60 person team growing rapidly.

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