



Sceye's Stratospheric Platform Re-enters United States After Record-Breaking Roundtrip Stratospheric Flight Between U.S. and Japan

Descrizione

COMUNICATO STAMPA - CONTENUTO PROMOZIONALE

The journey, which lasted 30 days and traversed nearly 30,000 km, included operating for a week in the stratosphere over Japan. While over Japan, Sceye and its partner SoftBank Corp. successfully verified Direct-to-Device connectivity to unmodified devices, HAPS-based communications with drones, and edge computing from the stratosphere.

MORIARTY, N.M., Sept. 9, 2026 /PRNewswire/ - Sceye, a U.S. aerospace and material science company building High Altitude Platform Systems (HAPS) for stratospheric infrastructure, today announced the successful return of its Service Test 1 (ST1) mission to the United States after a record-breaking trans-Pacific flight from New Mexico to Japan and back. ST1 launched on August 9, 2026, and arrived in Japan 13 days later. While operating in Japan, Sceye demonstrated mobile broadband connectivity to unmodified devices through SoftBank Corp.'s core network and HAPS-based edge computing and communication with drones to support the development of a 3D communications network.

During its journey, Sceye's ST1 traveled nearly 30,000 km and re-entered continental U.S. on September 4, 2026. ST1 reached airspace near Sceye's headquarters in Moriarty, New Mexico on September 5, 2026, where Sceye completed additional vehicle testing and a planned termination and descent.

"Groundbreaking and historic only begin to describe our ST1 flight," says Mikkel Vestergaard Frandsen, Founder and CEO of Sceye. "This mission proved not only that our technology, vehicle systems, payload, and operational infrastructure are ready for connectivity services, but also that the stratosphere is where the future non-terrestrial infrastructure lies. The stratosphere is what will enable the always-on future - including the promised land of 6G. Together ground, stratosphere, and space - each operating at their optimal strengths, will change the course of humanity."

Conducted in partnership with SoftBank Corp. (TOKYO: 9434, [SoftBank](#)), a leading operator of telecommunications and IT businesses in Japan and globally, ST1 marks Sceye's first flight to Asia and a groundbreaking milestone toward the commercial deployment of HAPS as stratospheric infrastructure. ST1 carried SceyeCELL, a first-of-its-kind [cell tower in the sky](#) designed to deliver wide-area mobile broadband directly to standard devices from the stratosphere. When deployed at full scale, one Sceye HAPS is designed to cover the equivalent area of approximately 500 terrestrial towers.

The stratosphere offers the optimal vantage point: It is close enough to Earth for high-capacity connectivity and observation, yet the altitude is high enough for wide-area reach. Importantly, the stratosphere offers space-like conditions without the cost of being in space and the disadvantages of being in orbit. Sceye's HAPS maintain altitude and their area of operation in the stratosphere through consecutive day and night cycles, operating like geostationary satellites, only 1,800 times closer to Earth and at a fraction of the cost.

Sceye's ST1 mission successfully:

ST1 is the first flight of Sceye's Service Test Program.

About Sceye

Founded in 2014, Sceye (pronounced [sky](#)) is an aerospace company dedicated to advancing stratospheric infrastructure to connect people and protect the planet. Sceye leads the High-Altitude Platform Systems (HAPS) industry, focusing on universal connectivity, climate monitoring, natural resource management, and disaster prevention.

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