

Cosmoserve Space & Pixxel Space Join Forces to Advance Space Debris Removal

Pixxel to provide satellite bus for Cosmoserve's landmark technology demonstration mission – a pivotal step toward sustainable orbital operations

Hyderabad, India, March 31, 2026: Cosmoserve Space, a space sustainability company, today announced a strategic partnership with Pixxel Space. As part of this collaboration, Pixxel will provide the satellite bus for Cosmoserve's upcoming technology demonstration mission, marking a critical first step in advancing active space debris removal capabilities.

With the number of defunct satellites and orbital debris increasing at an unprecedented pace, ensuring the long-term sustainability of Earth's orbital environment has become one of the most pressing challenges facing the global space industry. This partnership directly addresses that challenge by combining Pixxel's deep expertise in satellite engineering with Cosmoserve's pioneering work in debris mitigation technologies.

Speaking on the partnership, **Dr. Chiranjeevi Phanindra B, Founder and CEO, Cosmoserve Space**, said, "Finding the right platform partner for this mission was critical, we needed a team that understands the demands of cutting-edge orbital operations. With the successful deployment and operation of six Firefly satellites, Pixxel brings exactly the engineering rigor and innovation we were looking for. This partnership gives Cosmoserve the confidence to execute our demonstration mission with a higher probability of success."

Under the terms of the partnership, Pixxel Space, known for its advanced, high-resolution Earth observation satellites—will leverage its proven satellite bus design and manufacturing capabilities to support Cosmoserve's mission. The satellite bus will serve as the foundational platform on which Cosmoserve will integrate and demonstrate its proprietary debris capture and removal systems in orbit.

Awais Ahmed, founder and CEO, Pixxel Space, said, "At Pixxel, we believe that responsible access to space requires active stewardship of the orbital environment. Partnering with Cosmoserve on this demonstration mission is a natural extension of our commitment to building a sustainable future in space. We are proud to deploy our satellite bus technology in support of this vital initiative."

For Cosmoserve, this collaboration marks a significant milestone. The technology demonstration mission is designed to validate the company's in-orbit debris removal architecture before scaling to full operational deployment. By partnering with Pixxel, Cosmoserve gains access to a reliable, flight-proven platform, allowing the team to focus entirely on its core objective: demonstrating that large-scale debris removal is technically viable.

The upcoming technology demonstration mission is expected to be among the first of its kind, showcasing the capability to address not only commercial and scientific objectives but also critical global sustainability challenges. Both companies have expressed their intent to explore expanded collaboration in subsequent operational phases following the successful execution of this mission.

About Cosmoserve Space:

Cosmoserve Space is a space sustainability company developing innovative solutions for the active removal of orbital debris and in-orbit re-fueling. Cosmoserve Space brings the capability to capture anything, anytime, anywhere in space. Its bio-inspired soft robotic capture technology has reached flight readiness in just 4 months. Cosmoserve Space has raised \$3.17M in pre-seed funding, the highest ever for space tech at the ideation stage from top-tier venture capitalists. The company has gained momentum through collaborations and interest from global space operators. Its team includes former ISRO personnel and researchers from premier institutes in India and abroad. With a mission to create a sustainable space for future generations, Cosmoserve is building the technology and operational frameworks needed for responsible debris mitigation at scale.

Website: <https://cosmoserve.space/>

About Pixxel Space:

Pixxel is an end-to-end space infrastructure company that designs, builds, and operates cutting-edge satellites. With six Firefly satellites successfully launched in 2025 and operational on-orbit, Pixxel delivers global hyperspectral coverage and actionable planetary intelligence across agriculture, energy, environmental monitoring, and defence & intelligence sectors. Backed by more than \$95M from Google, Lightspeed, M&G Catalyst, Glade Brook Capital partners, Radical Ventures, and others, Pixxel is on a mission to give humanity its first continuous, high-fidelity window into the health of the planet.

Website: <https://www.pixxel.space/>