



Shaping the future of In - Orbit Servicing

Infinite Orbits (IO) is a NewSpace company founded by Telecommunication entrepreneurs and Aerospace Engineers, with a vision to provide reliable, turnkey in - orbit services to satellite operators all over the world and a business driven approach to traditional life extension in GEO.

The company was founded in 2017, following a NASA challenge at Columbia University. Set up in Singapore since 2017, currently having offices in Toulouse, France, Infinite Orbits is ready to provide high end NewSpace solutions to cover all satellite servicing needs.

IO's first generation servicer, OrbitGuard, is a small satellite that can autonomously carry out far and near range rendezvous and provides SSA and Inspection services to satellite operators. OrbitGuard is driven by IO's patented state-of-the art ML algorithms and is capable of detecting a target at a distance of several hundred kilometers and to perform pose estimation of an object, with robustness, against extreme lighting conditions.

- Orbit-Guard1 is set up for launch in September 2022
- Orbit-Guard2 is set up for launch in Q1 2023

IO's life extension Servicer "Endurance" performs autonomous rendezvous & docking and provides full AOCS capability for 5 years to an end of life GEO satellite. "Endurance" Life Extension Services will be available from 2025 onwards.

