



In the second half of this decade, a commercially developed, owned, and operated space station will start operating as a mixed-use business park, providing straightforward access for all.

Orbital Reef will fly over most of humankind in a mid-inclination, 500-kilometer orbit. Now anyone can lease access to the space environment – weightlessness and hard vacuum – and experience breathtaking views of our home planet, with 32 vibrant sunrises and sunsets each day. Whether your business is scientific research, exploration system development, invention and manufacture of new and unique products, media and advertising, or exotic hospitality, you'll find a berth here.

World-class technical accommodations, futuristic space architecture with services and amenities that are inspiring, practical, and safe, and an open, scalable system architecture allow any nation, agency, culture, or customer to join. We provide an end-to-end service: transportation and logistics, leased space for any purpose, assistance with system hardware development, robotic and crew-tended operations and servicing, and habitation amenities. Experienced customers can simply link up their own modules through standard interfaces. Novice customers can get any level of help they need through the Reef Starter incubator. Station infrastructure – accommodations, utilities, berths, and vehicle ports – scales with market demand for unlimited growth.

On the Orbital Reef business park, shared infrastructure supports the proprietary needs of diverse tenants and visitors. This business model – traditional on Earth but unprecedented in space – lowers barriers for all customers and promotes competitive development of space applications. The Baseline Configuration has separate science and habitation zones and supports 10 people in 830 m³ of volume – almost as much as the ISS – in big modules with big windows.



Orbital Reef is being developed by a uniquely experienced and future-oriented team of investors and space systems and services companies. Each brings essential expertise and technology, including unique experience from building and operating the International Space Station. Major participants so far include:

- Blue Origin – Partner, providing vehicle utility core systems, large-diameter modules, and the reusable heavy-lift New Glenn launch system.
- Sierra Space – Partner, providing Large Integrated Flexible Environment (LIFE) modules, node modules, and runway-landing Dream Chaser spaceplane for crew and cargo transportation, capable of landing anywhere in the world.
- Boeing – Providing science modules, space station operations and maintenance, and the Starliner crew spacecraft.
- Redwire Space – Providing payload operations and deployable structures, and support for microgravity research, development, and manufacturing.
- Genesis Engineering Solutions – Providing the Single Person Spacecraft for routine external operations and tourist excursions.
- Arizona State University – Providing research advisory services and public outreach through a global consortium of fourteen leading universities.

Now, anyone can establish an address in orbit. Orbital Reef expands access, lowers the cost, and provides everything needed to help you operate your business in space. A growing commercial ecosystem in Earth orbit will unlock the potential for new discoveries, unimagined products, and new forms of entertainment, and promote a new level of interconnected global awareness. The station will start operating in the second half of this decade.