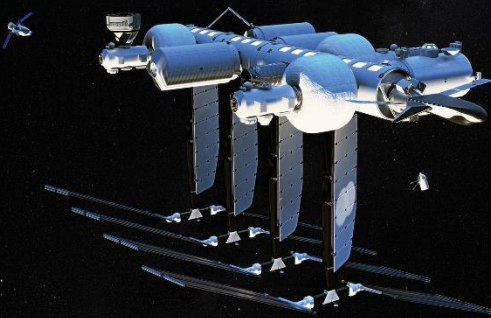




# ORBITAL REEF



In the second half of this decade, a commercially developed, owned, and operated space station will start operation as a next generation business park beyond Earth, with the ability to provide access to space for all.

## **A New World of Possibilities**

Orbital Reef will continuously orbit the planet approximately 250 miles above Earth. Now anyone can lease access to the space environment – weightlessness, hard vacuum, remote views of Earth – to further groundbreaking research, technology development, and manufacturing of innovative products. Whether the business is scientific research, exploration system development, invention and manufacture of new and unique products, or media and advertising; customers can establish their address in orbit.

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.

## **Open To All**

We provide 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. New-to-space customer can get any level of help they need through the Reef Starter incubator. Station infrastructure – accommodations, utilities, and vehicle ports – scales with market demand for unlimited growth.

## **Shared Infrastructure**

On Orbital Reef, 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 a volume almost as large as the International Space Station (ISS). Scalable by design, total volume can easily expand as needed to support growing customers and needs.



**SIERRA**<sup>™</sup>  
SPACE

**BLUE ORIGIN**

Orbital Reef is led by two principal partners, Blue Origin and Sierra Space. Development will be supported by a uniquely experienced and future-thinking team of investors and space systems and service companies. The team includes Amazon/AWS, Arizona State University, Boeing, Genesis Engineering, and Redwire Space. Each teammate will bring essential expertise and technology, including unique experience from building and operating the International Space Station.

### 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.

### Blue Origin

Partner, providing vehicle utility core systems, large-diameter modules, and the reusable heavy-lift New Glenn launch system.

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.



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