

SEOPSTM

SPACE

OCTOBUS

Orbital Transfer Vehicle and Satellite Bus

Demo Mission Scheduled: 2026-2027

SEOPS brings extensive experience in spacecraft engineering design, development, integration, and mission management, successfully delivering diverse payloads to orbit.

We provide multiple flight-proven, low-cost launch deployment and separation systems, all U.S.-built. Additionally, we have a dedicated launch integration and rideshare services team that is launch vehicle agnostic.

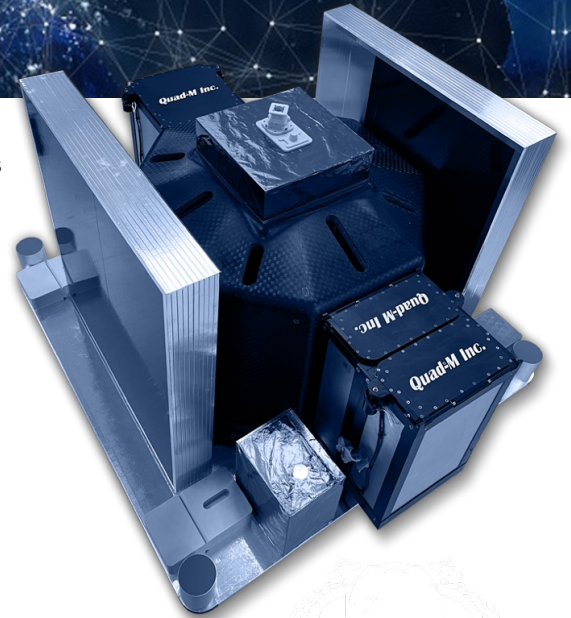
Modular Capabilities

- Up to 200 kg Containerized Payload
- 8 Cubic Feet of Payload Volume
- CubeSat Availability of 32U/59kg
- Comm System
- S-Band Antenna
- ADACS System
- Accommodates Customer Selected Propulsion Systems to Enable Earth Escape Velocity or Geostationary Placement
- Scalable Solar Array to 1.5kw
- Ultra Lightweight Composite Structure - TRL9
- NSL Command/Control Avionics - TRL9
- SEOPS CubeSat Deployer - TRL9

The OctoBus is the industry's first OTV built for your mission—not the other way around. It is designed based on the flight heritage and intellectual property of the SEOPS OctoBucket platform and incorporates advanced features for dynamic space operations. This cost-effective platform offers unparalleled flexibility and reliability for diverse mission requirements.

Features

- **Baseline TT&C System:** Equipped with a TT&C system from NearSpace Launch for real-time communication and tracking.
- **Modular Design:** Allows rapid deployment with customer—and mission-defined subsystems for your unique needs.
- **Secure Payload Containment:** Advanced encapsulation provides discretion while reducing vibration test requirements which equates to agility and risk reduction.
- **Versatile Integration:** Compatible with a wide range of launch vehicles, reducing mission readiness lead time.
- **Enhanced Adaptability:** Standardized interfaces streamline mission-specific configurations.
- **Scalable Solutions:** Supports multi-orbit and multi-phase operations, providing a scalable and affordable OTV solution built for your mission.



For more information or to book your next launch, email us at info@seops.space.

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