



TERRAN ORBITAL™



MISSION  
OPERATIONS

Terran Orbital is a full-service provider of mission operations, from pre-launch readiness through launch, and from commissioning to on-orbit operations. Our services are available to customers, whether they are using a Terran Orbital-manufactured spacecraft or one manufactured elsewhere. Years of experience matched with a state-of-the-art operations center ensure that your mission is a success.



## PRE-LAUNCH OPERATIONAL READINESS

Our Mission Engineers design and plan constellation-level operations and communications scenarios using state-of-the-art tools, including optimized payload tasking. We deliver scalable cloud solutions for payload and mission management.

### Mission Concept of Operations Creation

- Turns an initial concept into a fully coordinated, flight-ready operations plan using prior mission experience.

### End-to-End System Testing

- Spacecraft to operator commanding, telemetry, and mission data chain checkout.
- Flight environment creation and customization.

### Radio Frequency Spectrum Licensing

- Spacecraft and ground station licensing filings with U.S. and international regulatory institutions.

## LAUNCH & COMMISSIONING OPERATIONS

Terran Orbital is a premier launch integrator of satellites for commercial and government organizations. We coordinate and secure launch operations with nearly every launch provider globally.

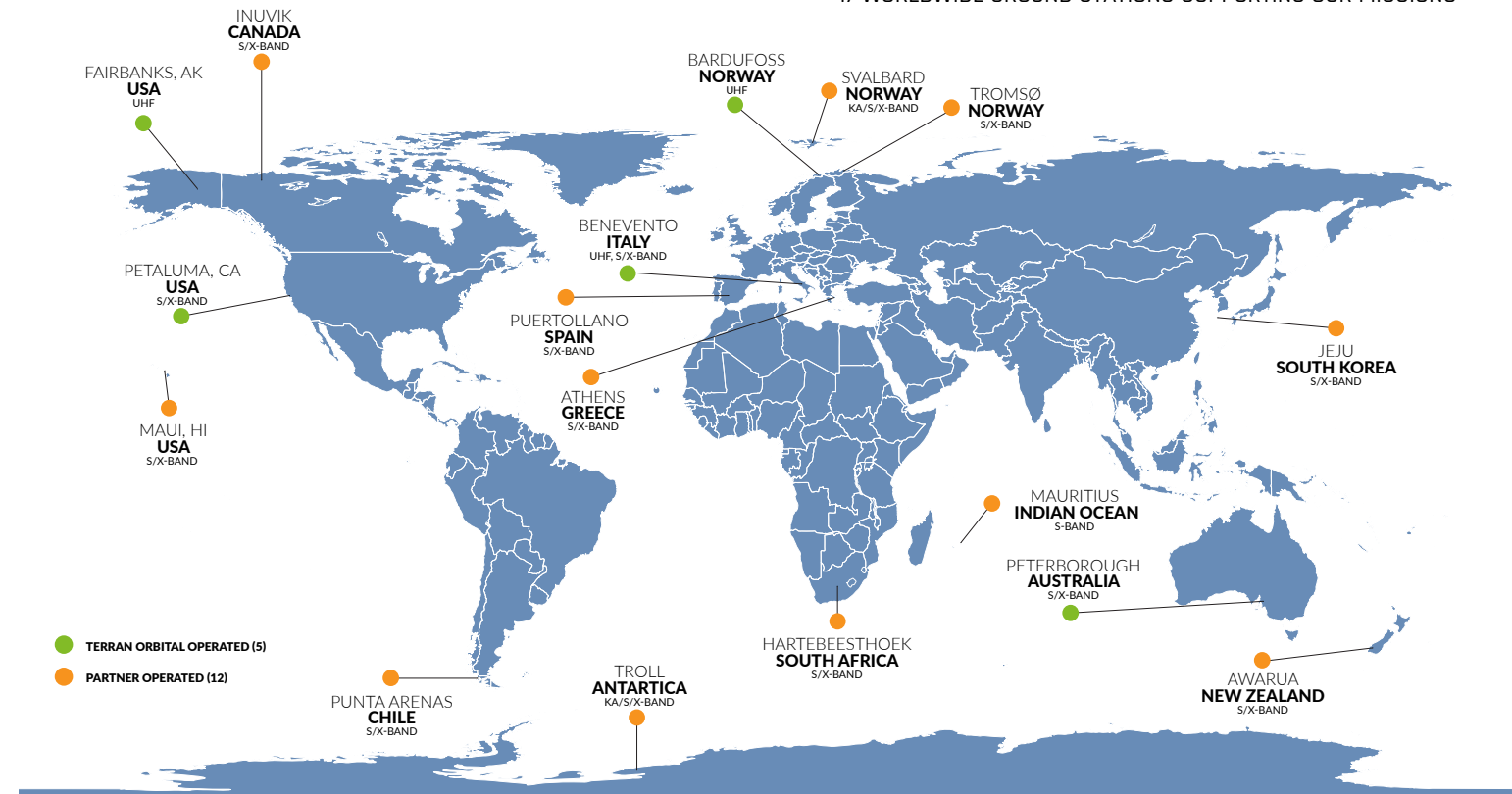
### Launch and Early Orbit

- 24x7 operator and support team staffing to safeguard mission success during the critical launch phases, separation, and initial contacts.

### Spacecraft Bus and Payload Commissioning

- Carry out deployment events, system functionality verification, and on-orbit testing campaigns.

17 WORLDWIDE GROUND STATIONS SUPPORTING OUR MISSIONS



## ON-ORBIT OPERATIONS

Our Mission Operations Center manages simultaneous missions. Combined with our global ground station network, we provide actionable, low-latency information to customers and end users around the clock.

### Mission Tasking and Monitoring

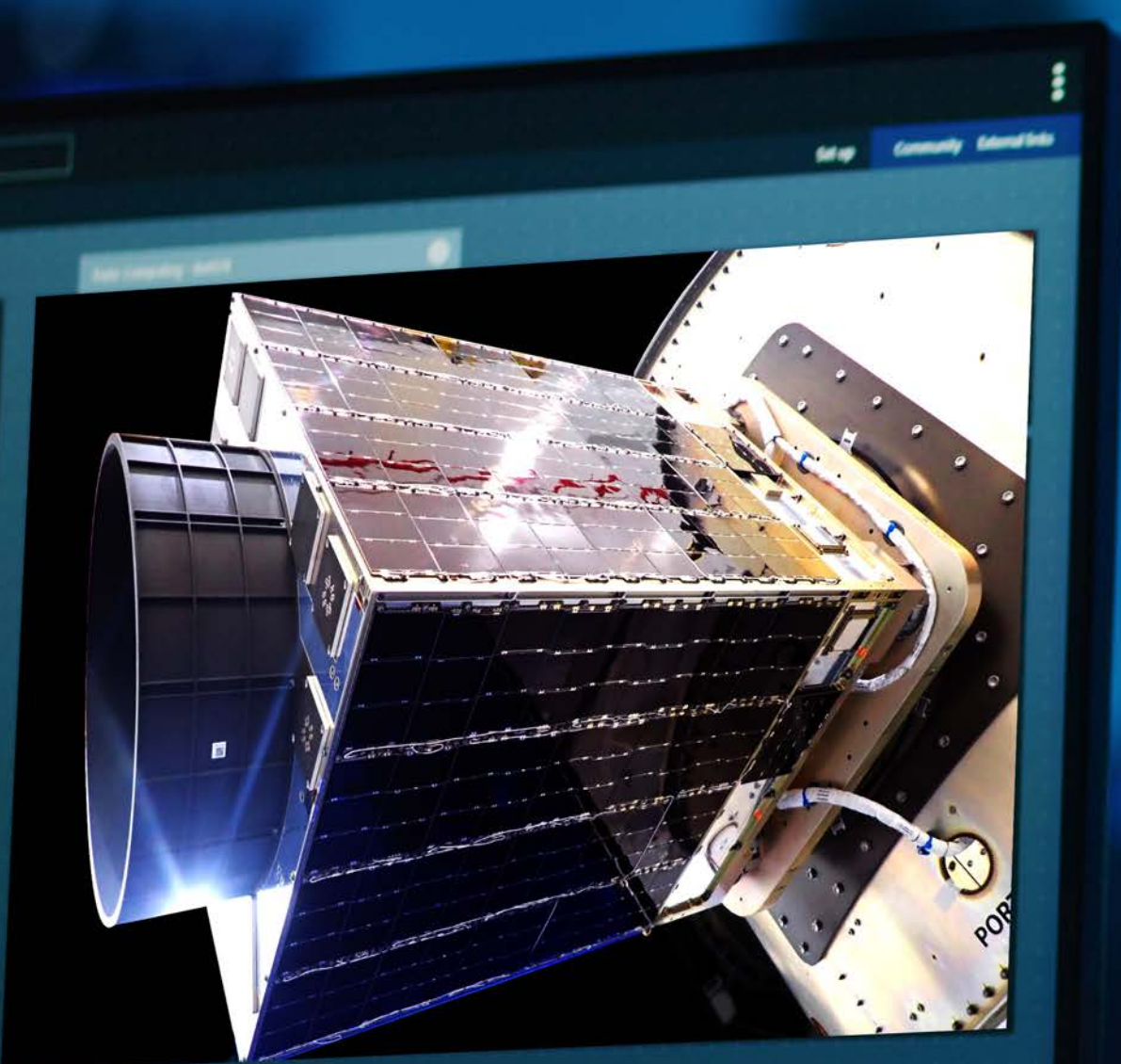
- Planning, scheduling, and execution of payload activities and experiments.
- Booking of contacts on our global ground station network.
- Continuous state-of-health monitoring and maintenance performance.

### Close Approach Response

- Burn maneuver design and execution services for collision avoidance.

### Anomaly Troubleshooting and Resolution

- 24x7 alerting and contingency response crew for unexpected failures to ensure spacecraft safety.



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