



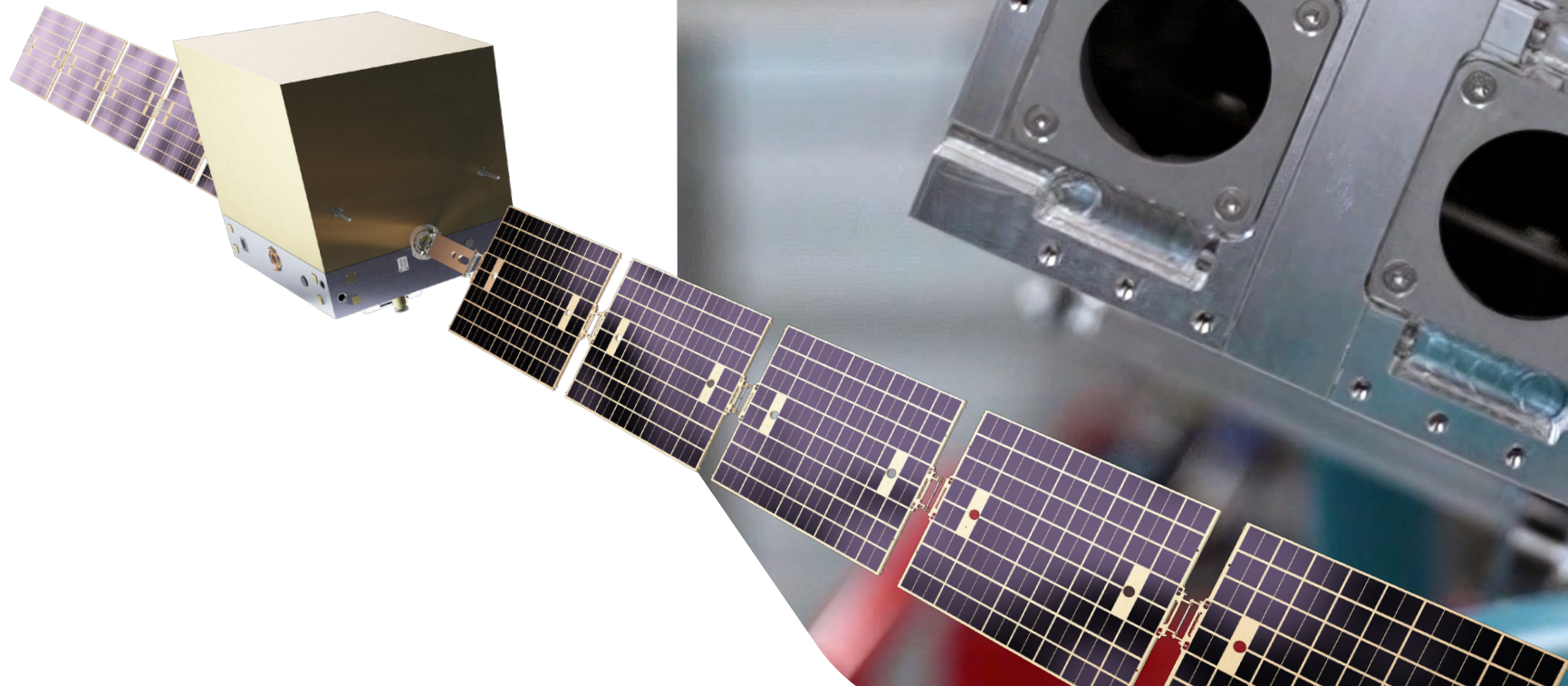
**CORPORATE  
CAPABILITIES**

# BRINGING RESPONSIVE SPACE TO REALITY

Terran Orbital is a leading manufacturer of satellite products and services for the aerospace and defense industries. We provide end-to-end solutions, including satellite design, manufacturing, launch planning, mission operations, and on-orbit support. This allows us to meet even the most demanding requirements for customers across the civil, commercial, and military sectors.

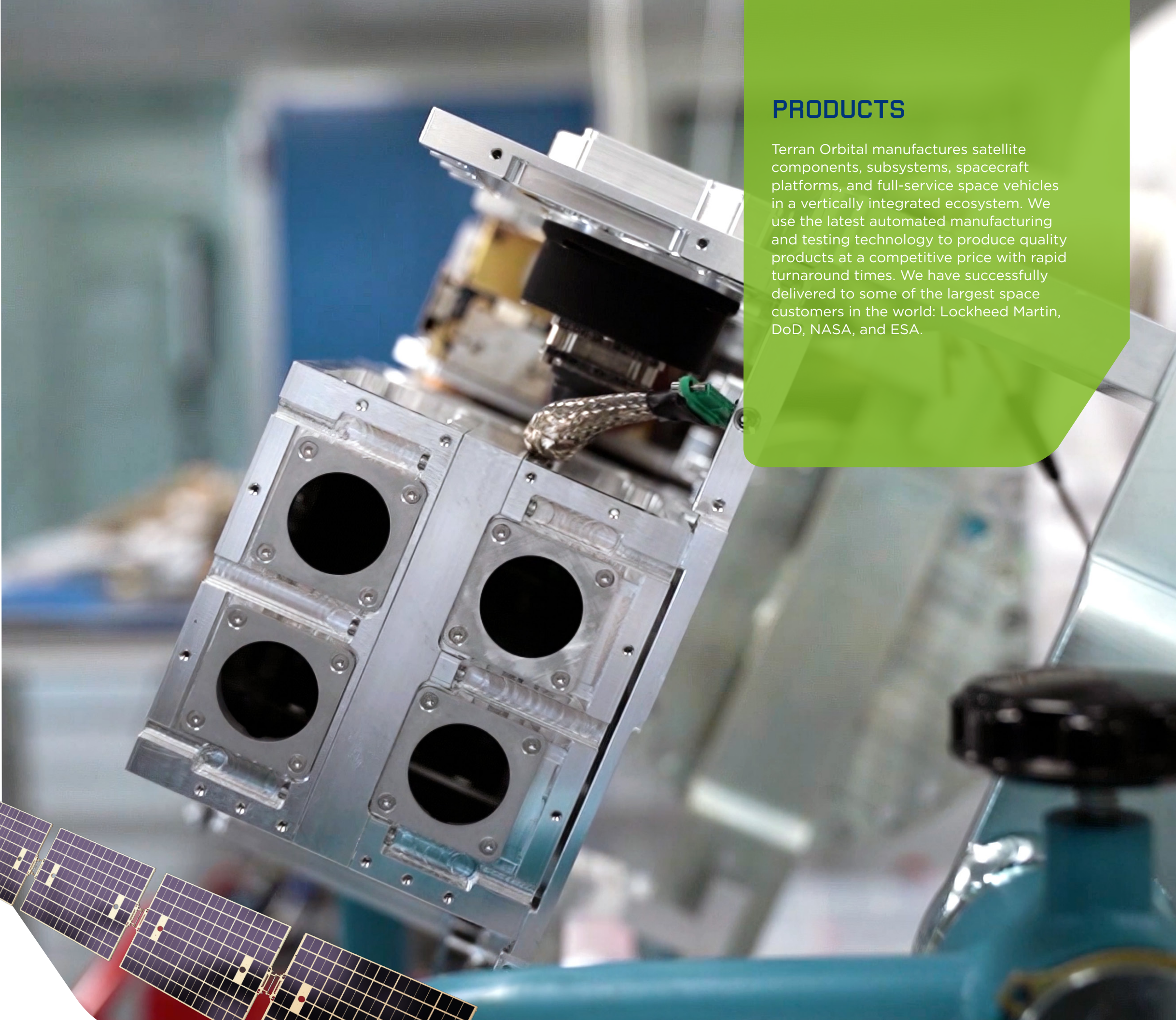
Building on our CubeSat legacy, we have expanded our offerings to include satellites up to 1,250kg and are now the largest independent SmallSat provider in the market. Our company culture combines start-up agility with industry experience and know-how, leading to groundbreaking advancements.

Innovations in manufacturing like Robotic Process Automation (RPA) ensure reliable deliveries with high throughput to supply the market need for satellite constellations. With over 250,000 square feet of facility space and rapidly growing partnerships, Terran Orbital's global presence will lead the industry for years to come.



## PRODUCTS

Terran Orbital manufactures satellite components, subsystems, spacecraft platforms, and full-service space vehicles in a vertically integrated ecosystem. We use the latest automated manufacturing and testing technology to produce quality products at a competitive price with rapid turnaround times. We have successfully delivered to some of the largest space customers in the world: Lockheed Martin, DoD, NASA, and ESA.



## FACILITIES

Our 190,000-square-foot engineering and manufacturing campus in Irvine, California, neighbors NASA JPL and world-class universities like Caltech, UCLA, USC, and UCI. Access to this talent pool supports our growth and technological advancements. Beyond Irvine, we have a 17,500-square-foot state-of-the-art machine shop in Santa Maria, California, an engineering hub in Melbourne, Florida, and a 16,000-square-foot complete engineering and manufacturing facility in Turin, Italy.



## QUALITY

On-site testing and expert analysis are the cornerstone of our quality assurance. Detailed inspections and acceptance testing are conducted for parts sourced from external supply partners. Our in-house inspection and test capabilities include Automated Optical Inspection (AOI), PCB X-ray inspection system, HASS/HALT testing, and environmental testing. We use modern tools for issue tracking, inventory management, procedure execution, and test automation to ensure rigorous quality assurance across all system integration levels, before leaving the Terran Orbital facilities.



## MISSION | ASCENT 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. Our Mission Operations Center (MOC) manages concurrent vehicles and missions. The MOC, combined with our global ground station network, provides actionable, low-latency information to customers and end users around the clock.



## LAUNCH INTEGRATION & SERVICES

Terran Orbital is a premier launch integrator of satellites for commercial and government organizations. We coordinate and secure launch opportunities with nearly every launch provider globally. To date, we have supported over 30 satellite launches to orbit across 16 launch vehicle providers.

## MISSION | DESIGN PLANNING

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

## GROUND STATIONS NETWORK COMMUNICATIONS

In addition to Terran-Orbital-owned and operated ground stations, we are part of a global network of partner stations that allow us to uplink and download data in all orbital realms. The ground network uses in-house-built station control and antenna time-scheduling software, operated by our skilled Mission Operations staff.



PETERBOROUGH | AUSTRALIA



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