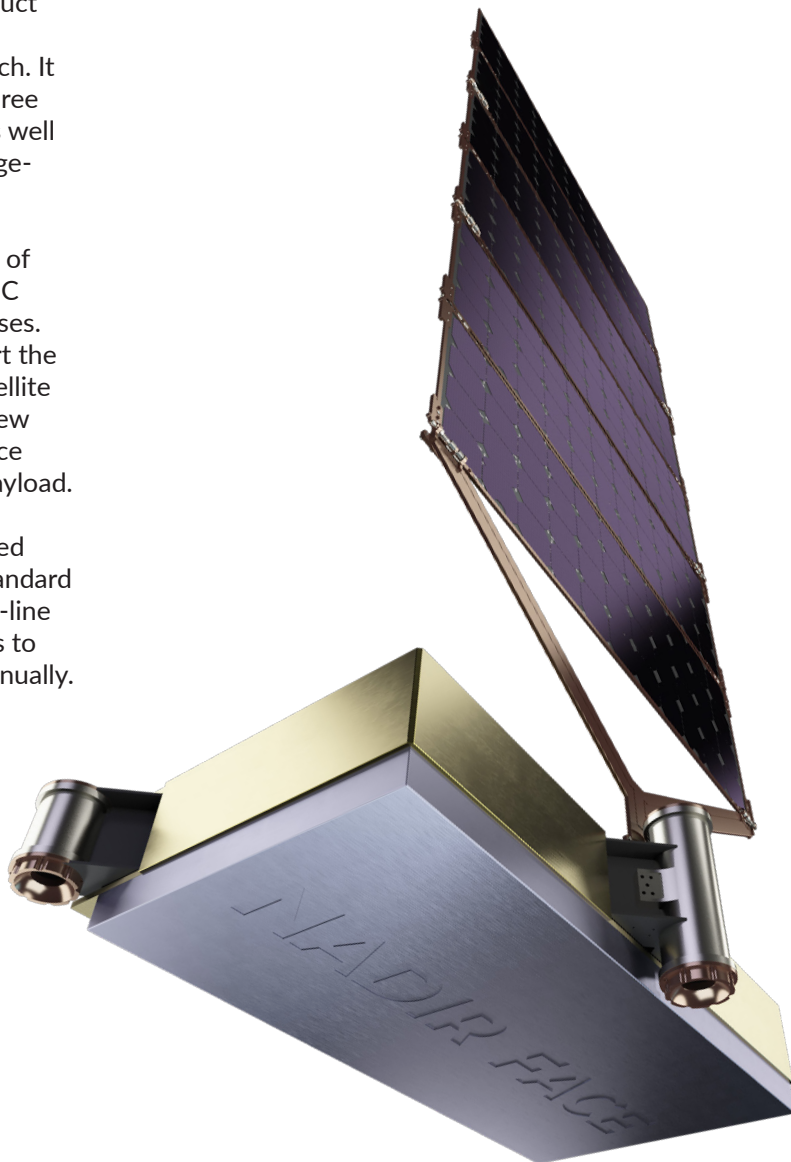


# ENTERPRISE

The Enterprise-class spacecraft platform is one of the largest platforms offered in the standard product line and is the point of departure for flat packing requirements carrying up to 24 satellites per launch. It is optimal for large constellations and comes in three configurations. All deliver a large deck area that is well suited for communications missions as well as large-area RF antenna systems.

The Enterprise builds on Terran Orbital's long line of SmallSat heritage, with the same avionics and GNC algorithms as the smaller spacecraft platform classes. Significant enhancements to the structure support the largest payloads, and it includes Optical Inter-Satellite Link (OISL) functionality for communications. A new power storage system has been designed to reduce weight and increase the power available to the payload.

Enterprise is scalable in thickness and weight based on customer payload requirements, with three standard configurations. Terran Orbital employs top-of-the-line automation and modern manufacturing processes to support the delivery of hundreds of spacecraft annually. From order to launch, in quantities from one to a constellation of one hundred, Terran Orbital accelerates the delivery of mission solutions.



CONFIGURATION B SHOWN

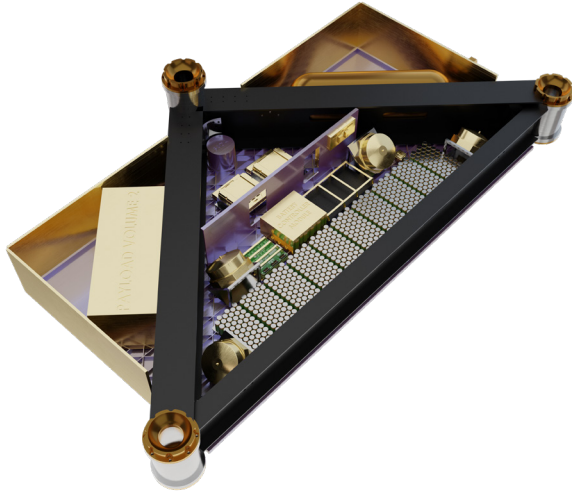
## KEY BENEFITS

- Flat packing design allows delivery of up to 24 satellites per launch (depending on the launch vehicle)
- Includes Optical Inter-Satellite Link (OISL) functionality
- Large, flat deck optimized for communications and RF payload
- Three configurations available



TERRAN ORBITAL™

# ENTERPRISE



CONFIGURATION B SHOWN

## SPECIFICATIONS\*

	CONFIGURATION A	CONFIGURATION B	CONFIGURATION C
<b>Configuration</b>	Flat packing		
<b>Applications</b>	LEO	LEO	MEO/GEO
<b>Native Orbits</b>	400km-1200km		1200-35,000km
<b>Launch Mass (Wet)**</b>	500kg	1000kg	1250kg
<b>Available Payload Mass</b>	Up to 200kg	Up to 650kg	Up to 750kg
<b>Available Payload Power</b>	Up to 2kW	Up to 3kW	
<b>Redundancy</b>	Dual-string		
<b>Power System</b>	66, 28, 12, 9V Rails available		
<b>Payload Deck Area</b>	100cm x 200cm	114.3cm x 254cm	
<b>Payload Electronics Volume</b>	40cm x 20cm x 20cm	76.2cm x 30.5cm x 30.5cm	76.2cm x 30.5cm x 30.5cm
<b>Communication Data Rate</b>	S-band: 125 Kbps uplink 2 Mbps downlink X-Band: 650 Mbps downlink		S, X, and Ka TT&C options, high and low data rates available
<b>Pointing Accuracy</b>	10 to 50 arcseconds standard higher accuracy available		

\* For additional spacecraft specifications or to customize a platform for your requirements, please contact a sales professional.

\*\* Maximum mass may not be supported on all launch vehicles or with all deployers.