

The text "SPACE SYSTEMS" in large, white, bold, sans-serif capital letters. Below it, the text "MARK-V" in a smaller, teal, sans-serif font.

MARK-V

DESIGN YOUR OWN EARTH OBSERVATION SATELLITE MISSION

With flexible operational terms, Satellogic offers the fastest purchase-to-orbit opportunity for submeter optical satellites. Our NewSat EO spacecraft is a proven asset with a 100% deployment rate that can expand, evolve, and enhance your geospatial program needs.

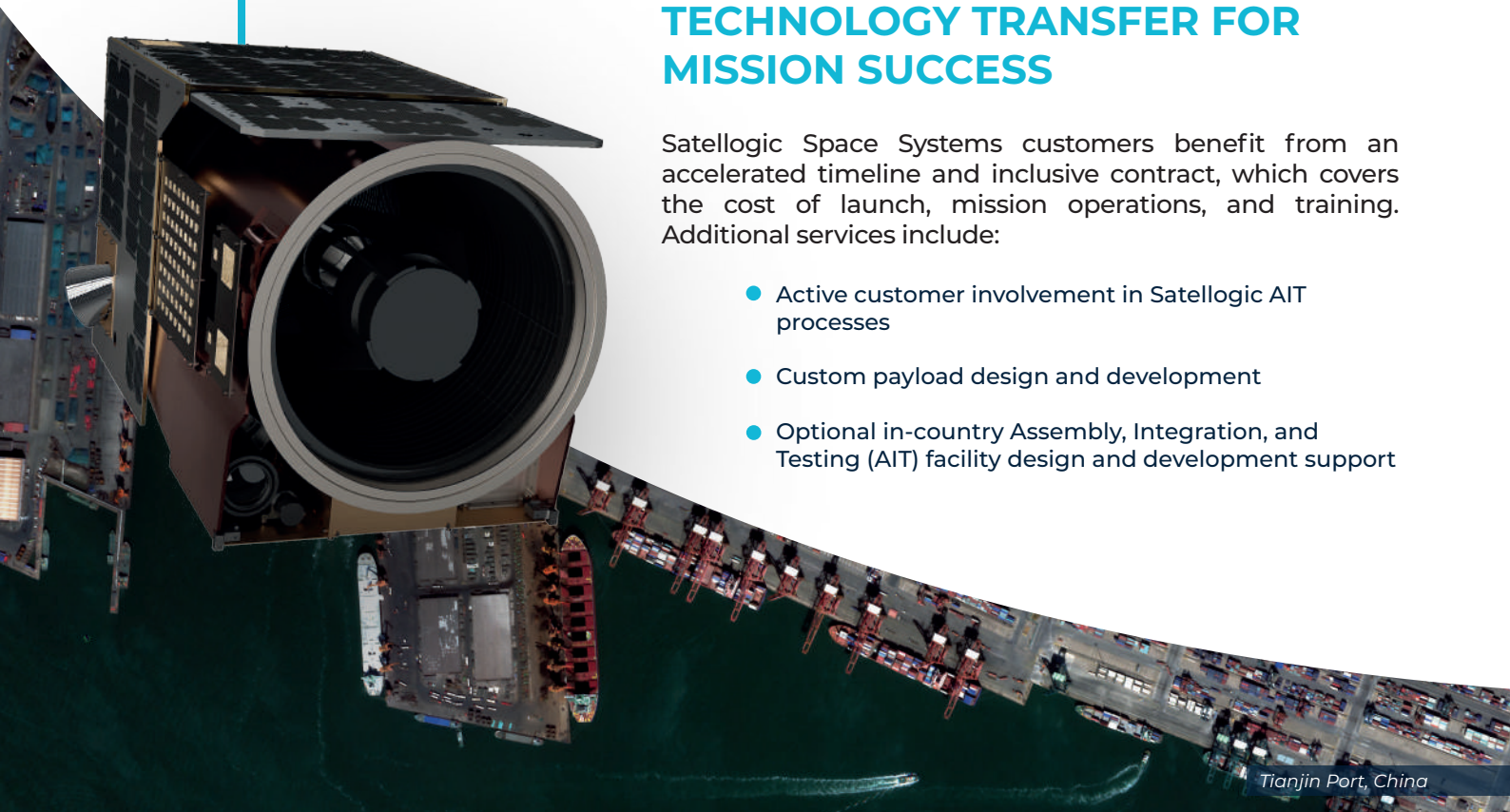
GLOBAL TASKING AUTONOMY

- Sovereign control of your own Very High-Resolution (VHR) electro-optical satellites
- Multispectral camera with 70 cm GSD and a 6.5 km swath achieving 50 cm of post-processed resolution
- Up to 5yr lifespan
- Additional payload bay for customer-furnished payloads
- Multiple Ground segment architectures supported

TECHNOLOGY TRANSFER FOR MISSION SUCCESS

Satellogic Space Systems customers benefit from an accelerated timeline and inclusive contract, which covers the cost of launch, mission operations, and training. Additional services include:

- Active customer involvement in Satellogic AIT processes
- Custom payload design and development
- Optional in-country Assembly, Integration, and Testing (AIT) facility design and development support



GROUND SEGMENT SERVICES

Satellogic can help accelerate the development of a full sovereign mission, including local ground segment services, such as:



Integrating customer-selected ground stations for TT&C and data downlink



Establishing an in-country command center



Implementing customer-managed data processing (cloud and on-prem options available)

NEWSAT MARK-V SPECIFICATIONS

NATIVE GSD [cm]	70 cm 4-band (R,G,B,NIR) on all color bands <i>No PAN sharpening</i> 50 cm Super Resolution <i>Post-processing</i>
Swath width	6.7 km at 470 km altitude Multiple collection modes
Mass	~48 Kg Wet with ~3 kg of propellant
Comms	Downlink frequency band: X-Band Uplink frequency band: S-Band

ABOUT SATELLOGIC

Satellogic is a vertically integrated submeter Earth Observation satellite operator with a NOAA Remote Sensing license. Since 2010, Satellogic has deployed more than 40 satellites with a 100% success rate. We design, build, and operate our own constellation, which delivers industry-best quality, frequency, and capacity.