ispace

SERIES 2

At ispace, we envision a future where the Earth-Moon ecosystem is defined by a sustainable human presence, a thriving cis-lunar economy, and technological advancements that enable humanity's expansion into outer space.

SERIES 2

Our Series 2 lunar lander, a vehicle that will be designed, manufactured, and launched in the United States, will be built to enable this future. It is intended to serve a large and diverse market including national and international scientists, government agencies, and commercial organizations. Our Series 2 lander is intended to provide low-cost and high-utility access to the lunar surface and is designed to be well suited for a wide variety of payloads that range from scientific investigations to technology demonstrations. Our unmatched partnership with Draper and General Atomics Electromagnetic Systems Group will pair the innovative engineering capabilities of the ispace team with decades of heritage and success in space exploration.

MORE THAN TRANSPORTATION

Serving a diverse market, ispace is more than a payload transportation provider. With planned additional services ranging from mission planning to lunar data acquisition, ispace intends to be deeply involved in many parts of the growing cis-lunar ecosystem to provide the maximum benefit to our customers and further human expansion into space.

YOUR PAYLOAD, OUR PRIORITY

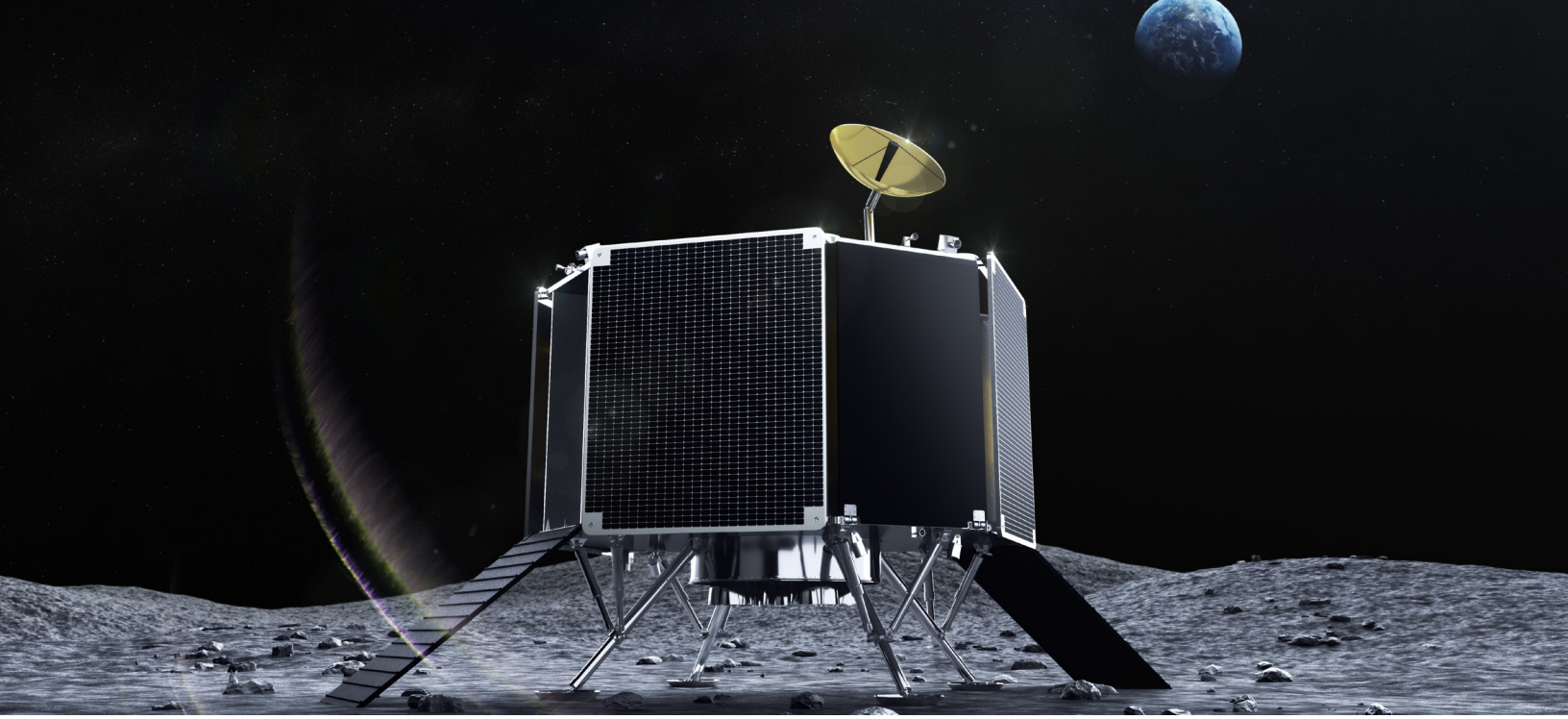
Our priority is the success of our customer's payloads. ispace has a dedicated program and team of staff to ensure customer needs are met and managed efficiently. As part of our Payload Customer Program, each customer will be assigned a mission manager and payload integration engineer to assist with documentation, reviews, support with any payload design issues, connection with a test center or other required services.

ispace recognizes and honors the need for customer data privacy. At no point in the integration process will any payload data be shared with other payload customers or any third party without the customer's authorization.

Please https://visit ispace-inc.com/us to further explore how our innovative team and our Series 2 lander can meet your needs.

Technical specifications and mission details are planned as of August 2021 and are subject to change

[1]Commercial payload sales mass and revenue will be mission dependent.



With Preliminary Design Review complete, our lander is on schedule for its first launch planned for the first half of 2024.

MORE MASS TO THE SURFACE

With a payload design capacity of up to 500kg to the lunar surface on a single mission, our Series 2 lander is designed to accommodate a variety of payload types for a broad range of government, scientific, and commercial customers.

PAYLOAD FLEXIBILITY

Our Series 2 lander has a modular payload design with three dedicated payload regions to provide flexibility for orbital, stationary and mobile payloads, and accommodate high-mass, large volume payloads when needed.

SURVIVE THE NIGHT

Our Series 2 lander aims to be one of the first commercial lunar landers capable of surviving the lunar night. This design is intended to provide industry leading scientific research and technology demonstration opportunities.

EXPLORE MORE OF THE MOON

Our Series 2 lander has been designed to land on the near or far side of the Moon, including equatorial and polar regions.

ARRIVE WITH CONFIDENCE

Our Series 2 lander is designed to carry a number of sensor suites for GNC, and its Terrain Relative Navigation (TRN) system is capable of using redundant, radiation tolerant camera systems to ensure extraordinary accuracy during descent to the lunar surface. Our surface relative velocimetry measurement systems and hazard avoidance algorithms are capable of using real-time camera footage and scanning LiDAR to offer high-precision obstacle avoidance and pinpoint landing site targeting.

CONTINUOUS POWER

Our Series 2 lander's power system is designed to be comprised of triple junction solar cells for power generation and a lithium-ion battery for energy storage, providing continuous power to payloads throughout all phases of the mission beginning after launch vehicle separation.

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