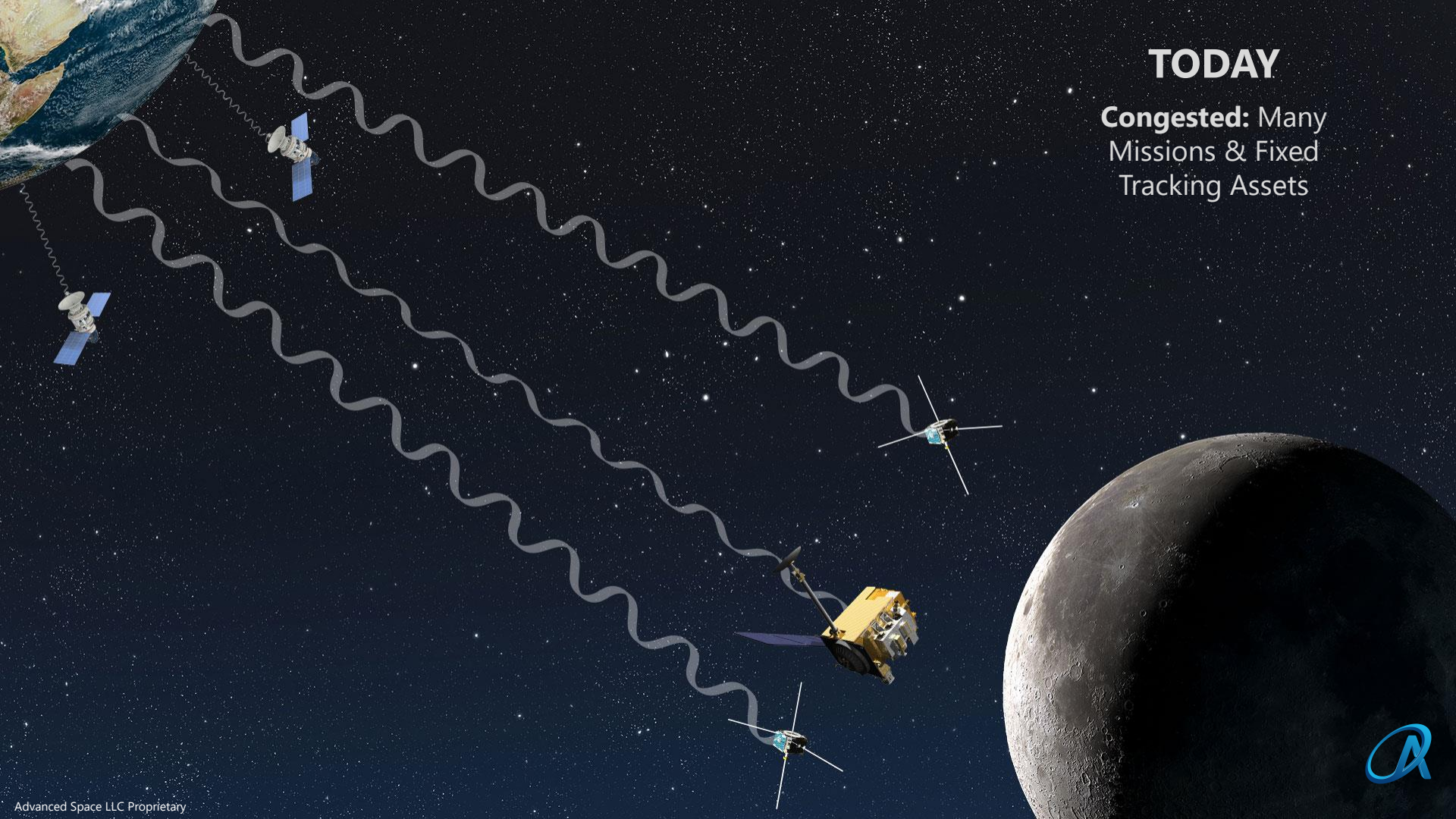


Dynamics Estimation Control

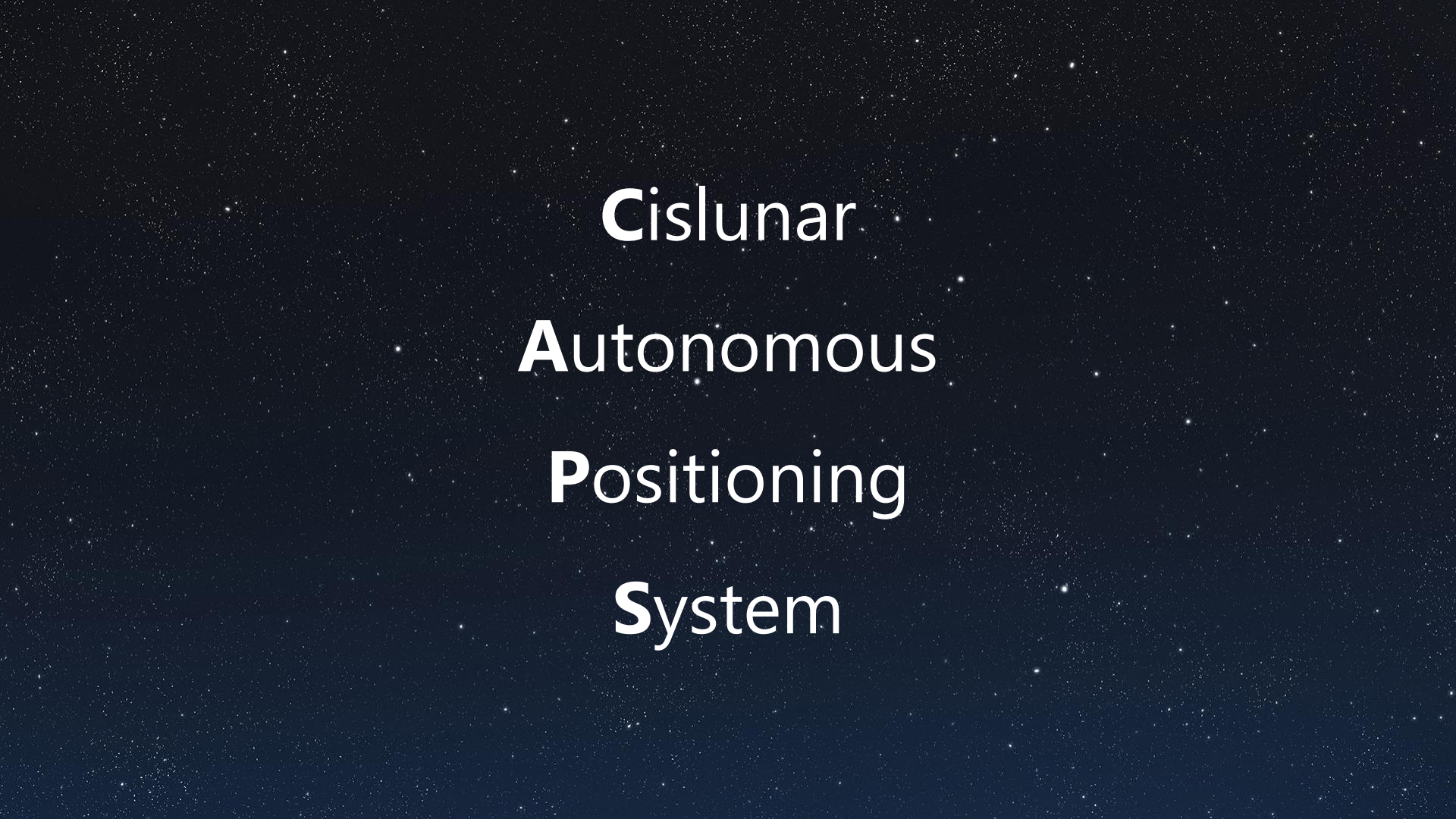




TODAY

Congested: Many
Missions & Fixed
Tracking Assets



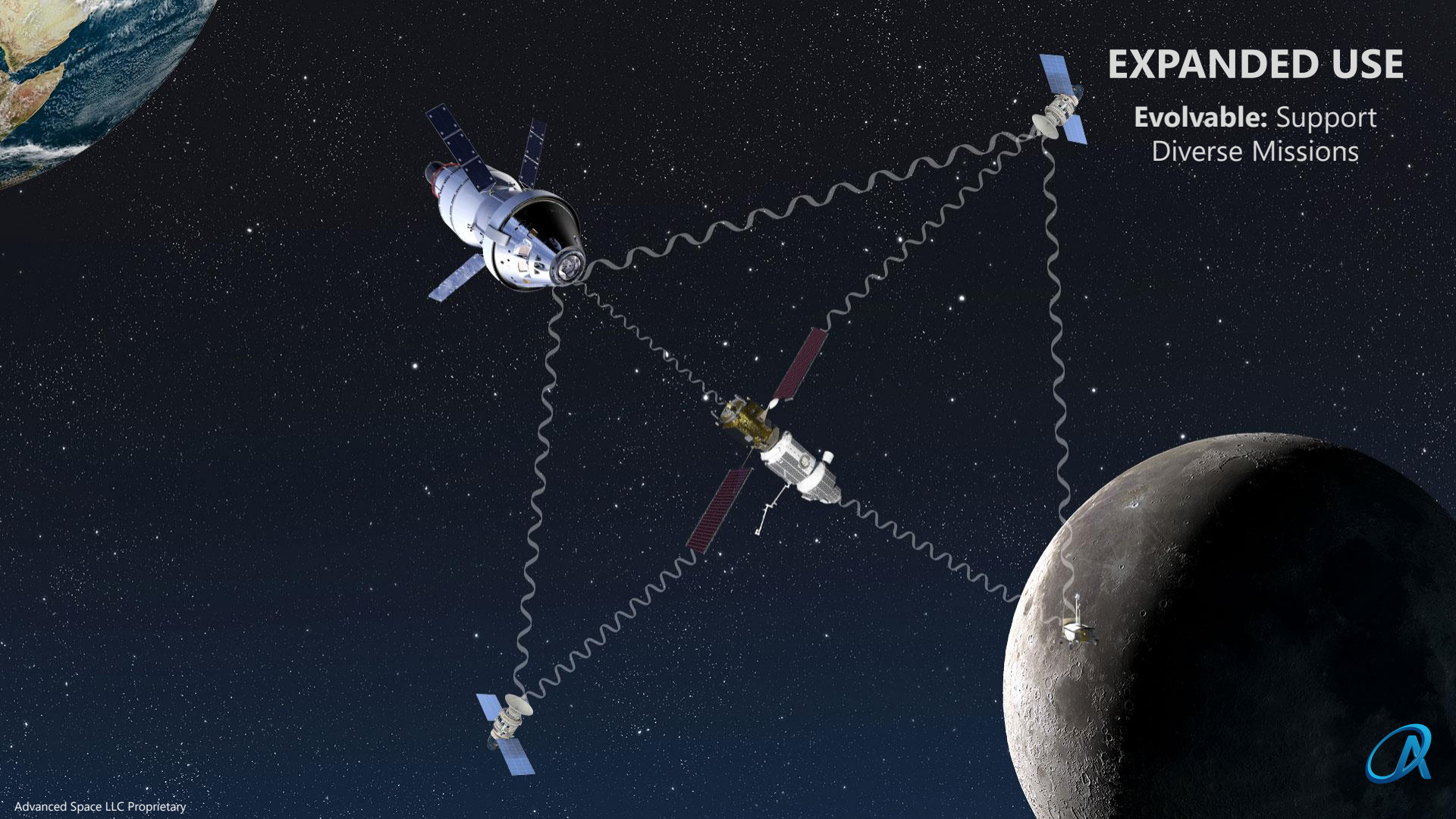
The background of the image is a dark blue, starry night sky with numerous small, white stars of varying brightness scattered across the field of view.

Cislunar Autonomous Positioning System

INITIAL USE

Affordable: No
Dedicated Satellites





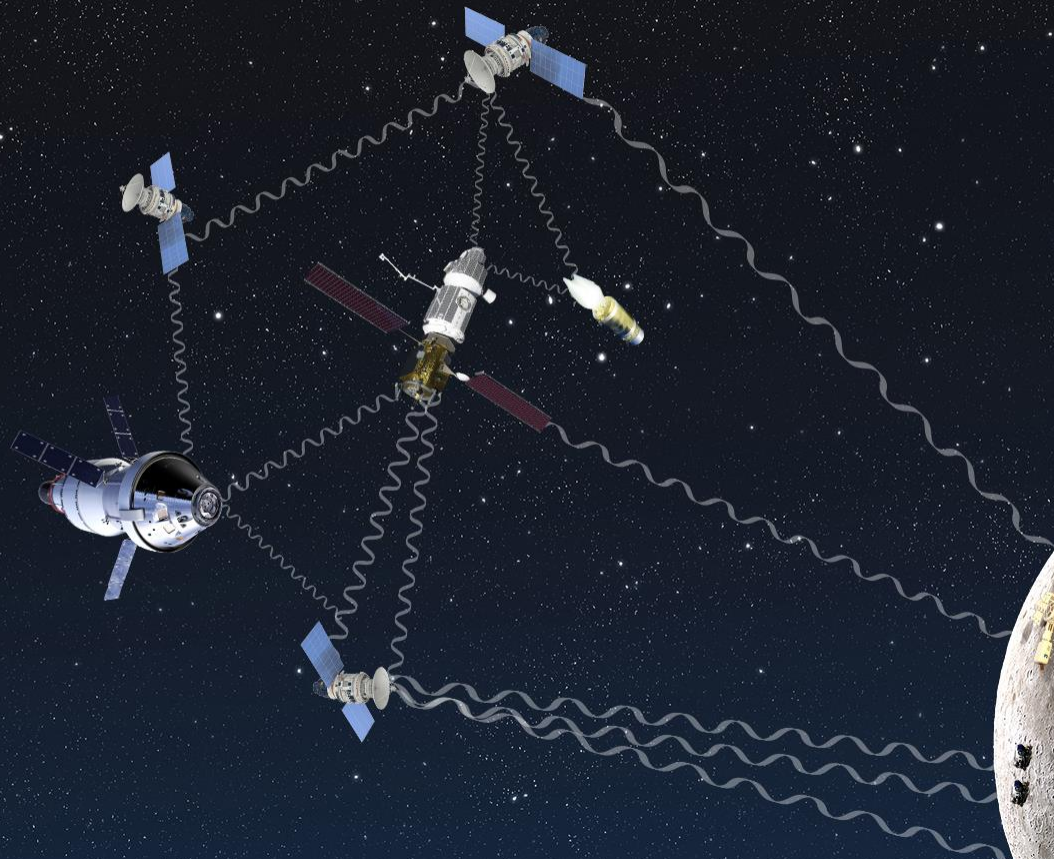
EXPANDED USE


Evolvable: Support
Diverse Missions



CISLUNAR DEVELOPMENT

Scalable: Enable Growth
& Operations





Cislunar Autonomous Positioning System



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The background of the slide is a large, detailed image of the Moon, showing its craters and surface texture. Several satellites are depicted in orbit around the Moon, with wavy lines representing signal waves or data transmission paths between them. The scene is set against a dark, starry space background.

CAPS

- Self-sustainable, evolvable, and scalable position, navigation, and timing
- Capable of providing absolute solutions with two participating vehicles
- Reduce ground network congestion for standard tracking and operations

About

- Utilizing over 10+ years of algorithm development
- Building on existing software and hardware standards
- Leveraging public-private partnerships
- Addressing NASA, international, and commercial needs





Advanced Space

Exists to support the sustainable exploration,
development, and settlement of space

Respects the past, believes nothing is sacred,
and understands that fundamentals change

Core business is focused on supporting and
improving mission planning and operations



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Advanced Space

23 + missions supported
(6 of last 8 U.S. spacecraft to the Moon)

Experience across civil, commercial, and national
security space

State-of-the-art software tools and processes

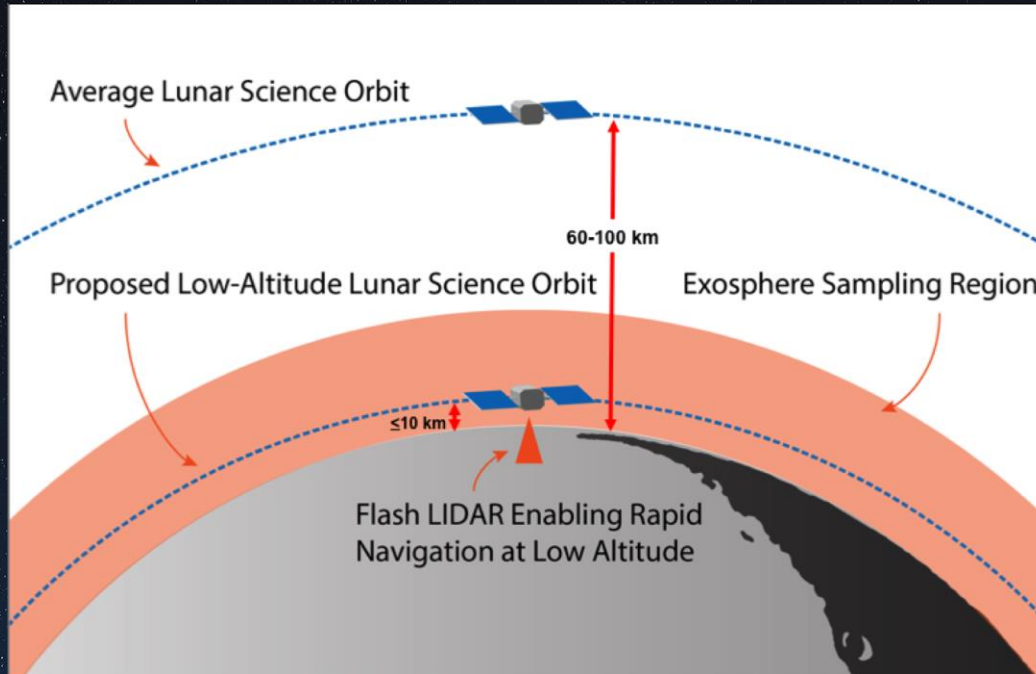
Existing contracts and relationships with:

NASA		USAF		Primes		Commercial
		Operators		Start-ups		



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Sustained Low Altitude Lunar Orbital Missions (SLALOM)



We are here to help make your mission a success.

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