



POWER AND PROPULSION ELEMENT FOR GATEWAY

Powering humanity's
journey to the moon and Mars

MAXAR

NASA'S ARTEMIS PROGRAM WILL PUT THE FIRST WOMAN AND THE NEXT MAN ON THE MOON IN PREPARATION FOR FUTURE CREWED MISSIONS TO MARS.

Maxar will build the first key element of Gateway, a lunar orbiting command module that will support sustained human missions on the surface of the Moon while demonstrating and developing the technologies necessary for a crewed mission to Mars.

Power and Propulsion Element

Maxar's Power and Propulsion Element will provide propulsive orbit control to the Gateway, as well as power, and critical communications capabilities.

FACTS ABOUT POWER AND PROPULSION ELEMENT FOR GATEWAY

- 4x more powerful than current solar electric propulsion capabilities
- Developed on the same Maxar spacecraft platform as NASA's Psyche and Restore-L missions
- Suppliers in eight states across the U.S.

[Power and Propulsion Element] will be the key component upon which we will build our lunar Gateway outpost, the cornerstone of NASA's sustainable and reusable Artemis exploration architecture on and around the Moon.

NASA Administrator, Jim Bridenstine



60+

Years of
experience

280+

Spacecraft
built

2,200

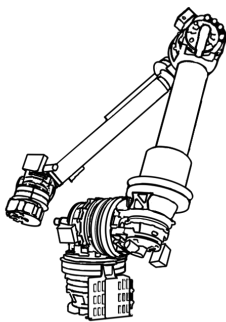
Collective years
on orbit

Maxar is a trusted partner and innovator in Earth Intelligence and Space Infrastructure. We design, build, integrate and test solutions for space-based communications, Earth observation, exploration and on-orbit assembly and servicing.

Our renowned space infrastructure capabilities are rooted in the innovative legacy of SSL (Space Systems Loral). Now, as Maxar, we are building on this experience to empower commercial and government programs to advance space exploration and improve life on Earth.

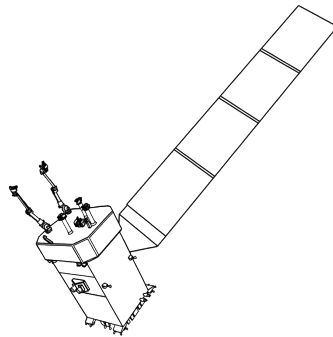
Maxar and NASA

Our collaborative partnership with NASA dates back to the Apollo 11 Moon landing and continues to grow and evolve across the International Space Station and robotic exploration missions.



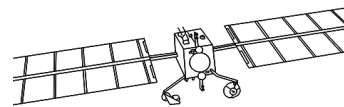
Robotic Arms on Mars

Maxar is the proud space robotics arm partner for 6 of NASA's Mars landers and rovers.



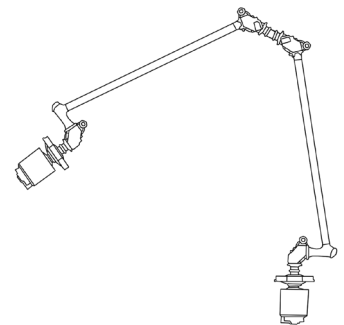
Restore-L

Led by NASA and built by Maxar, Restore-L will refuel and relocate a government-owned satellite to extend its life.



Power and Propulsion Element

The Power and Propulsion Element for Gateway will support sustained missions to the Moon and future crewed missions to Mars.



SPIDER

These robotic arms enable semi-autonomous on-orbit assembly and service.