

# ON-ORBIT SERVICING

The Foundation for a Sustainable Future in Space



**Astroscale is the first private company with a vision to secure the safe and sustainable development of space for the benefit of future generations.**

### Mission Design

We design safe and reliable missions for the development of a sustainable space ecosystem.

### Rendezvous Proximity Operations and Guidance, Navigation, and Control

We develop the software that guides our servicing satellites to clients and performs approaches to prepare for rendezvous and servicing.

### Docking, Interfaces, and Robotics

We design and manufacture robotic capture software and hardware that allow for grappling of prepared and unprepared client space objects.

### Autonomy

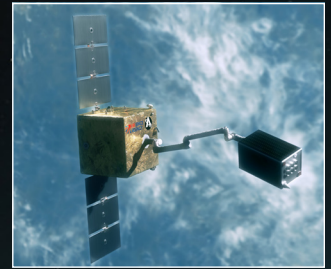
We design missions that can operate autonomously, allowing for the most precise, safe, and effective satellite servicing.

## SERVICES INCLUDE:



### End-of-Life

Safe, reliable, and cost-effective spacecraft transportation solutions for your satellites at end-of-life



### Active Debris Removal

Innovative identification and capture of environmentally critical debris in orbit



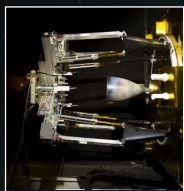
### Life Extension

The service, repair, or upgrade of satellites as an alternative to replacement



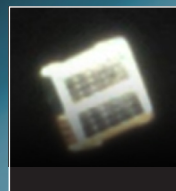
### In-Space Situational Awareness

Observation and characterization of client objects, damage assessment, and materials



### Innovative Hardware Development

We prioritize in-house hardware development and testing across mission lines. Pictured here, our LEXI servicer's docking arms undergoing ground testing.



### Proven Technology On Orbit

Our ELSA-d mission launched in March 2021 to test Rendezvous and Proximity Operations with a prepared client, successfully demonstrating repeated magnetic capture.



Safe and sustainable development of space for the benefit of future generations.

[www.astroscale.com](http://www.astroscale.com)

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