

SAFEGUARD *your* **SYSTEMS** *with*

ELSA-G

KEY CAPABILITIES

SECURE RENDEZVOUS *and* PROXIMITY OPERATIONS

What we do best is RPO. Utilise our flight-proven advanced Rendezvous and Proximity Operations to Protect and Defend your critical capabilities - enhancing orbital safety, security, and stability.

A platform to deliver real-time attribution, reconnaissance and deterrence. Offering seamless integration with existing space tracking networks, respond to the complex space environment with simplicity to assure access and freedom of action in space.

PAYLOAD FLEXIBILITY

Large payload bays to incorporate Space Domain Awareness sensors, essential for characterisation, and Space Control effectors to secure advantage.

*Protecting your
greatest assets.*

TRUSTED REACTIONS

A highly agile hybrid propulsion system allows ELSA-G to manoeuvre rapidly to counter threats swiftly, enabling you to analyse, judge and react. Utilise superior delta-v capability to reposition anywhere in GEO. Taking in-orbit sensors and effects to where they need to be.

SAFE COMMUNICATIONS

ELSA-G operates with fully encrypted Secure Telemetry, Tracking & Command data (STT&C), ensuring resilient communications to operate securely around high value GEO assets.



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



OPERATOR BENEFITS

LET US TEST

We can provide a versatile iteration GEO test-bed for payloads and sensors, ELSA-G allows you to validate the advantage of closing the distance between yourself and the target, enhancing effectiveness and maturing sovereign capabilities faster than before.

KEY FEATURES

Unparalleled RPO Heritage	ELSA-d, ELSA-M, ADRAS-J, COSMIC, and APS-R
Satellite/Service Class	Approx 500kg
Flexible Supply Chain	Ensuring an assured allied supply chain
Operational Lifetime	Up to seven years
Secure Communications	Encrypted STT&C
Manoeuvrability	Hybrid Propulsion, Electrical to maintain a resilient orbital presence and Chemical to deliver rapid movements when needed.
ELSA-G : A rapid manoeuvrable and resilient GEO attribution service	

READY TO GO

UK-centric design, platform integration, and operation, based on flight-proven ELSA and ADRAS-J technology. A sovereign GEO platform, delivering mission confidence, bolstered by an assured allied supply chain.

LOW MASS LAUNCH

Designed with low mass in mind, a compact partner to assist when you need it. Optimised for high-stake operations, delivering maximum results within its operational lifetime.

Safe, Secure and Sustainable. Astroscale Allied.



The **MARKET LEADER** for **ON-ORBIT SERVICING**

Astroscale is a pioneering provider of Life Extension, In Space SSA/Inspection, Orbital Transfer, Active Debris Removal, and Refueling & Maintenance services.



Operations across all orbits for commercial and government clients around the world



Flight-proven engineering expertise in systems integration, RPO/GNC, robotics, autonomy, and dynamic mission operations



Contracts with leading space actors, including JAXA, UK Space Agency and Japan Ministry of Defense

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

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