

# StarLite | pLEO RESILIENCY PAYLOAD

GEOST provides affordable elegance in design and approach, with cutting-edge capabilities, delivered on budget and on schedule.

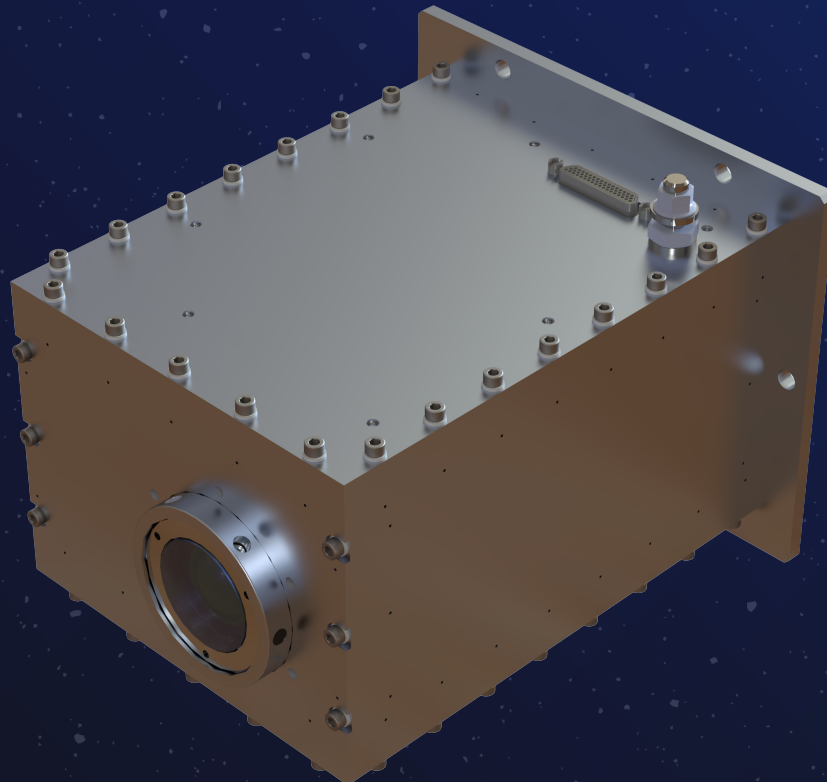
## **StarLite | Payload of Choice For pLEO Constellations**

The GEOST StarLite Resiliency sensor is the low SWaP-C space protection payload of choice for pLEO constellations. Its innovative design enables protection of valuable satellites while gathering critical information. The StarLite Resiliency payload provides threat detection and real-time indicators to the platform to optimize operational responses.

In the StarLite solution, GEOST leverages existing demonstrated technologies and internal research efforts with small inexpensive non-imaging sensors and novel signal processing concepts. The non-imaging architecture reduces required processing, lowering complexity versus traditional staring focal plane arrays, while improving manufacturability and decreasing cost.

Through its design, StarLite delivers critical resiliency information to the host, allowing the host to take a defensive posture when necessary, while providing warning to the rest of the constellation.

StarLite is proof of GEOST's EO/IR expertise and deep understanding of our customers' mission sets.

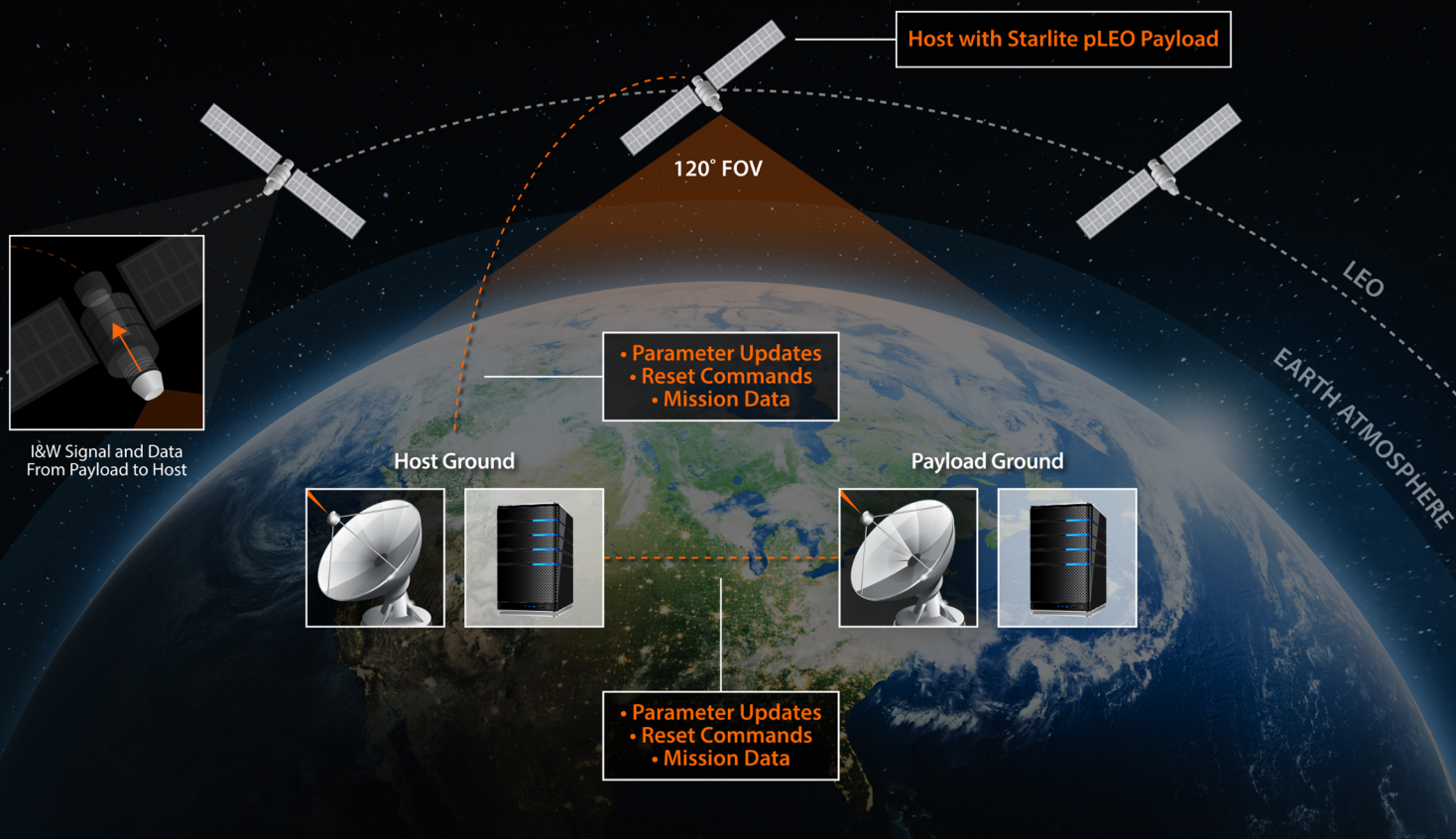


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## Protection of LEO Assets

The StarLite solution includes threat detection and event information-gathering capabilities. Its low SWaP-C enables wide proliferation to boost resiliency of government and commercial satellites in an increasingly contested space environment.

### STARLITE pLEO DESIGN



<b>Size of Unit</b>	16 cm x 14 cm x 11 cm
<b>Mass of Unit</b>	2.5 kg
<b>Power</b>	<10W

Please contact GEOST for StarLite sensor pricing.