FLEXIBLE SATELLITE

FLEXIBLE HTS SOLUTIONS WITH MULTI-LAUNCH CAPABILITY

GSATCOM

FULL ELECTRICAL
ORBIT RAISING

GSATCOM

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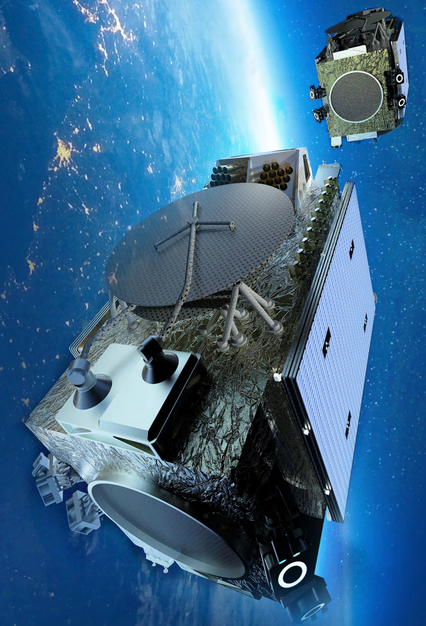
FLEXIBLE HIGH THROUGHPUT SYSTEM
SMALL SIZE GEO SATELLITE

Multi Launch Capability

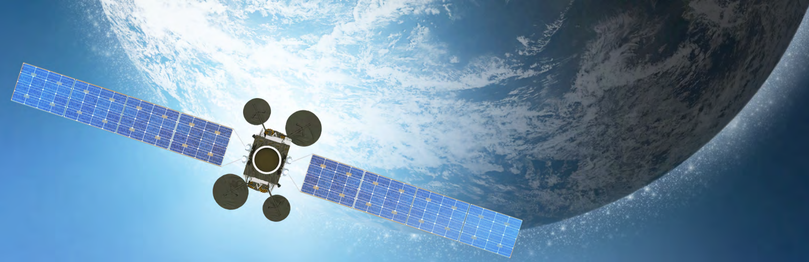


SYSTEM FEATURES

A small size GEO satellite integrating a communications payload with power consumption up to 7.5 kW and typical throughput capabilities between 20 and 50 Gbps. GSATCOM Satellite Family offers broad range of telecommunication solutions implemented by a full-electric small size space segment. GSATCOM's modular and flexible design boosts global commercial operation capabilities and plays a significant role in cost efficient telecommunication market.

- Optional Digital Flexible Payload
- HTS Payload for Re-use of Spectrum
- Spot and Wide Beams
- Full Electric Propulsion Payload Power: 1.5 to 7.5 kW
- Launch Mass: 500 kg to 2000 kg
- Multi Launch and Rideshare Compatibility
- Up to 50 Gbps of archievable throughput using 74 cm to 120 cm dish in the Customer's side
- Including but not limited to Ka, Ku, C and X band support

FLEXIBLE & ELECTRICAL
SMALL SIZE GEO SATELLITE



Flexible Payload
By means of tailoring on-board payload solutions, GSATCOM enables telecommunications satellite operators to react to emerging market needs and new business opportunities even in orbit.

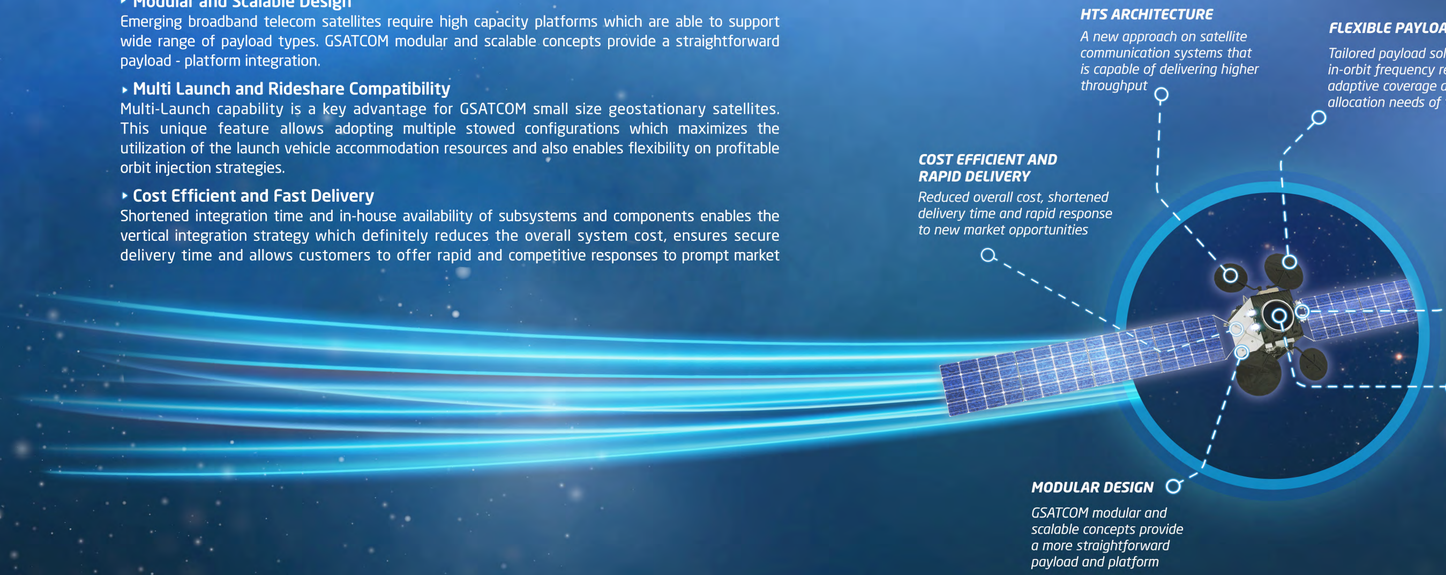
BSS/FSS or HTS Architecture
GSATCOM HTS payload architecture provides high-throughput channels using frequency re-use and spot beam technologies in order to support broadband access for enterprise, backhauling and mobility markets.

Electrical Propulsion
Flight Proven Hall-Effect Thrusters driven by customized power processing units provide an optimized Propulsion System which performs Orbit Raising, Station Acquisition and Station Keeping maneuvers efficiently.

Modular and Scalable Design
Emerging broadband telecom satellites require high capacity platforms which are able to support wide range of payload types. GSATCOM modular and scalable concepts provide a straightforward payload - platform integration.

Multi Launch and Rideshare Compatibility
Multi-Launch capability is a key advantage for GSATCOM small size geostationary satellites. This unique feature allows adopting multiple stowed configurations which maximizes the utilization of the launch vehicle accommodation resources and also enables flexibility on profitable orbit injection strategies.

Cost Efficient and Fast Delivery
Shortened integration time and in-house availability of subsystems and components enables the vertical integration strategy which definitely reduces the overall system cost, ensures secure delivery time and allows customers to offer rapid and competitive responses to prompt market



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