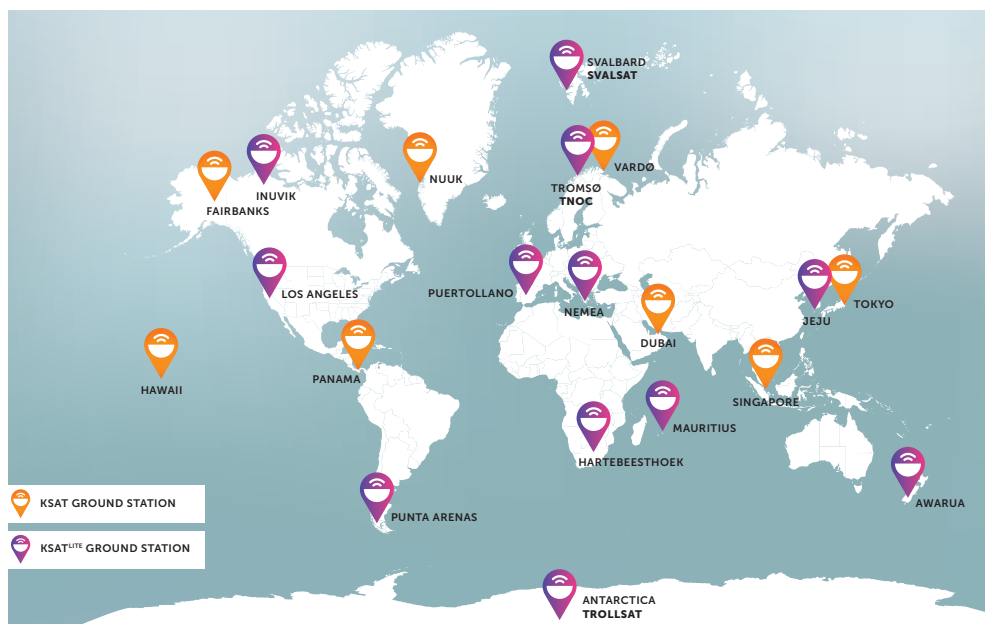


The Ground Network for SmallSat Constellations

Innovative satellite programs now have access to an equally reliable, flexible and cost-optimized ground station service. KSAT^{LITE} is tailored to support rapidly developing SmallSat Constellations, and offers fully operational global coverage that is available TODAY.

KSAT^{LITE} is a small-aperture, low-cost global ground network with standardized and scalable services catering to the specific needs of the SmallSat constellations. The service offering is a flexible concept, delivering reduced cost and increased capabilities for SmallSat customers while retaining the market leading characteristics of the KSAT ground station network: unique Pole-to-Pole service locations, globally integrated network support, volume efficiency, and the easy, “can-do” attitude which has become our trademark.



KSAT^{LITE} retains the market leading characteristics of the KSAT ground station network with a scale and flexibility suited to small satellites – all at prices optimized for smallsat mission profiles.

The KSAT^{LITE} network is always expanding across today's KSAT sites and tomorrow's greenfield locations – where would you take us next?

KSAT Svalbard Ground Station at 78° North is the world's largest commercial ground station and unique in its ability to capture 14 of 14 orbits for SSO missions, while KSAT's distributed global network supports all inclinations with robust coverage.



KSAT is the world's largest provider of ground service communications, providing support for over 80% of all commercial LEO satellites launched in recent years.

The standardization of infrastructure and simplified interface of KSAT^{LITE} enables an easy to use and cost-optimized service. KSAT has deployed this network by leveraging years of operational experience combined with new approaches toward software-defined systems and machine-to-machine interfaces. The KSAT^{LITE} network allows satellite operators to scale their ground communications support as the constellation grows, starting with support on a per pass basis and providing the option to scale to dedicated antennas as the communication demand increases. Using this existing network enables satellite owners to guarantee support for their missions by using the communications service that is proven, low risk, and scales easily.

The KSAT^{LITE} portfolio currently supports S-band uplink (2025-2110 MHz), S-band downlink (2200-2300 MHz), and X-band downlink (8000-8400 MHz) from our 3.7 meter antenna system as well as high bandwidth Ka-band downlink (25.5-27.0 GHz).

Access your satellite Anywhere - Anytime

- Guaranteed support for your mission needs
 - no ad hoc scheduling scramble
- Flexible pass scheduling allows “just in time” passes at any time
- Over 10+ locations to enable low latency from collection to AOS
- Diversified antenna network – UHF, S-band, X-band, Ka-band
- One point of interface and highly automated operations
- Dedicated support for ground licensing through KSAT
- Infrastructure to support local and cloud-based storage options
 - select what works best for your mission

“ We are pleased to collaborate with KSAT, a company that offers a demonstrable heritage of successful ground operations, a global network of sites, and excellent customer support.

JOHN SERAFINI
CHIEF EXECUTIVE OFFICER
OF HAWKEYE 360

FOR MORE TECHNICAL INFORMATION AND SPECS