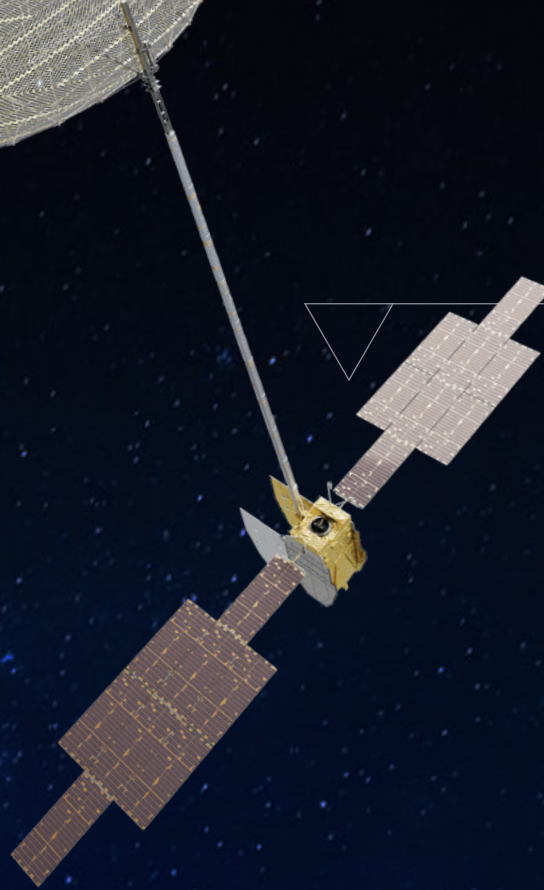




ViaSat-3: A new generation of commercial SATCOM for your mission

Viasat Inc. (Nasdaq: VSAT) is a global communications company that continues to find better ways to connect our service members securely and seamlessly. The ViaSat-3 constellation is our next generation of ultra-high capacity satellite technology, designed to serve the dynamic mission needs of the military and support a modern, integrated, and resilient DoD SATCOM architecture capable of moving information across highly contested battlespaces. In the face of rapidly changing threats from today and into the future, the global ViaSat-3 network is expected to redefine what commercial SATCOM is capable of to help enable successful military operations.

ViaSat-3 is a global satellite constellation consisting of three high-capacity, Ka-band satellites that are expected to significantly increase the coverage and capacity of our network. Nearly half of the capacity of the ViaSat-3 fleet is designed to be available for missions operating in areas that are currently unconnected or underserved — and the constellation will also have the flexibility to move bandwidth from low-demand areas to missions in areas of high demand to support military operations, unlock operational potential, and give our warfighters an information advantage.



Helping realize the vision of JADC2

Our ViaSat-3 satellites are designed to be the highest capacity individual satellites ever launched, with the bandwidth needed to enable seamless information sharing across disparate platforms and waveforms. Combined with the constellation's ability to support our multi-orbit network, ViaSat-3 can help the DoD realize the vision of a Joint All-Domain Command and Control.

ViaSat-3 at a glance

- › **CAPACITY:** Each satellite is anticipated to deliver at least 1 Terabit of data per second (1Tbps)
- › **SPEED:** Expected download speeds of 100+ Mbps
- › **FREQUENCY RANGE:** Ka-band
- › **WEIGHT:** Approximately 6 metric tons
- › **POWER:** Greater than 25kW of power per satellite
- › **PAYLOAD MANUFACTURER:** Viasat
- › **BUS MANUFACTURER:** Boeing Satellite Systems (Boeing 702MP+ platform)

ViaSat-3 Americas

ViaSat-3 EMEA

ViaSat-3 APAC



Resilient commercial SATCOM

ViaSat-3 is designed to deliver resilient connectivity, giving warfighters the ability to connect with confidence in contested, congested, and competitive environments. The constellation is expected to be capable of maintaining high system availability, even in the face of inclement localized weather or hostile attacks that could lead to the outages of hundreds of gateways. Designed with the security measures needed to support critical missions, the ViaSat-3 satellites use small beams, beam shaping, and frequency agility to help with anti-jamming and resistance to uplink interference as frequency reuse makes profiles too complex to separate by signals intelligence.

