



COMMERCIAL AND GOVERNMENT SATELLITES VIASAT-2



DESCRIPTION & PURPOSE

In May 2013, Viasat Inc. became a first-time customer for Boeing Commercial Satellite Systems when it ordered ViaSat-2, a geostationary satellite powered by Boeing’s 702HP satellite platform. ViaSat-2 delivers high-speed satellite broadband services to Viasat’s residential, business, government and mobile broadband customers. ViaSat-2 launched on June 1, 2017.

CUSTOMER

Viasat is a global communications company connecting everyone from homes, to businesses, to governments & militaries with satellite internet and connectivity.

The ViaSat-2 satellite is the world’s most powerful satellite system offering significant increases in both capacity and coverage. Compared to Viasat’s previous generation Ka-band satellite system, the ViaSat-2 satellite system offers double the bandwidth economics and an expanded footprint with seven times more coverage. Joining Viasat’s three other satellites on orbit over North America, the ViaSat-2 satellite provides broadband services reach over North America, Central America, the Caribbean, a portion of northern South America and the primary aeronautical and maritime routes across the Atlantic Ocean bridging North America and Europe.



GENERAL CHARACTERISTICS

As a part of its business relationship with Boeing, Viasat is working cooperatively across the Boeing enterprise. Viasat also works with Boeing Commercial Airplanes (BCA) to include Viasat’s portfolio of award-winning Ka-band airborne satellite terminals as a factory line-fit option on Boeing commercial aircraft.

Airlines are able to specify Viasat in-flight connectivity on new Boeing aircraft and take delivery of the planes with the Viasat equipment already installed. Factory installation avoids costly down-time involved with taking planes out of service for post-production retrofits. With the system installed, airlines have the ability to access Viasat’s highspeed in-flight internet service, which offers passengers vastly improved in-flight Wi-Fi experiences with full streaming and data rates similar to an ‘at-home’ internet connection.

702 BACKGROUND

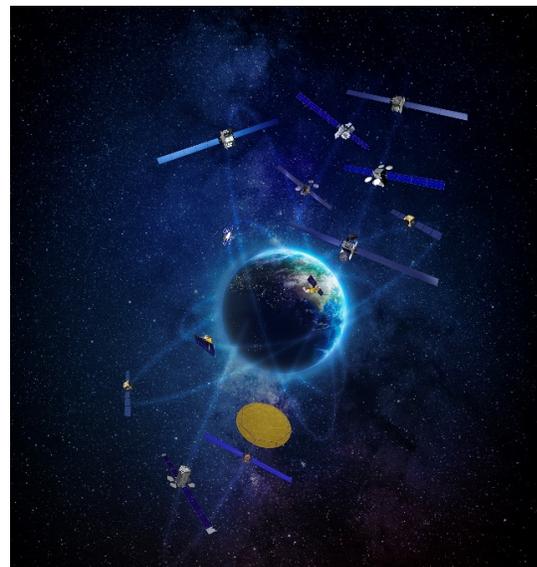
The scalable, flexible 702 product line is an orbit-proven platform that cost-efficiently serves a wide range of commercial and government customers. Boeing introduced the 702 spacecraft family in 1995, and today more than two dozen are on orbit, with almost a dozen more currently in production. The 702 family product line offers flexible designs supporting payload power levels from 3 to 25 kilowatts, meeting the needs of customers seeking satellites in wide power ranges.

FLEXIBLE SATELLITES FOR GOVERNMENT AND COMMERCIAL OPERATORS

Boeing builds adaptable satellites to meet changing business cases and fulfill even the most demanding missions. We're well into our sixth decade of providing advanced space and communications systems for military, commercial and scientific uses.

Boeing satellites reliably deliver digital communications, mobile communications, broadband internet connectivity, streaming entertainment, and direct-to-home entertainment around the world.

We continue to invest in and create a continuum of products across all orbits to give customers tiered options based on size, weight and power, to deliver the capability they need to their end-users.



Artist rendering of Boeing satellites operating across all orbits

MISSION ASSURANCE

Boeing's satellite systems business is located in El Segundo, Calif. The world's first geosynchronous communications satellite, Syncom, was built there by Boeing and launched in 1963. Since then, Boeing has delivered more than 300 satellites to more than 50 customers in more than 20 countries, and continues to design and build government and commercial satellites in its factory in El Segundo.



Exterior of Boeing Satellite Factory



High Bay



Thermal Vacuum



Payload Integration & Test

STRONGER TOGETHER

In addition to Boeing's space capabilities, Spectrolab and Millennium are also a part of the Boeing team. Click on the company logos to learn more!



MORE INFORMATION:

LEARN MORE AT BOEING.COM/BOEING-SATELLITES. FOLLOW ALONG ON TWITTER [@BOEINGSPACE](https://twitter.com/BOEINGSPACE), INSTAGRAM [@BOEING](https://www.instagram.com/BOEING), FACEBOOK [@BOEING](https://www.facebook.com/BOEING) AND LINKEDIN [@COMPANY/BOEING](https://www.linkedin.com/company/BOEING)

CONTACT:

COMMUNICATIONS: MEDIA@BOEING.COM
BUSINESS DEVELOPMENT: BOEINGBD@EXCHANGE.BOEING.COM