



Viasat Introduces Second-Generation Hybrid Ku-/Ka-band In-Flight Connectivity Antenna System for Commercial Wide-body Aircraft

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Hybrid In-Flight Connectivity System Provides Commercial Airlines an Accelerated Migration Path to the ViaSat-3 Global Network

HAMBURG, Germany, April 2, 2019 /PRNewswire/ -- **(Aircraft Interiors Expo—Viasat Stand 3A10)—[Viasat Inc.](#)** (NASDAQ: VSAT), a global communications company, announced today the introduction of its second-generation Ku-/Ka-band shipset, inclusive of an advanced hybrid antenna and complementary radome. The latest dual-band system, aimed at the commercial wide-body aircraft market, will keep passengers and crew connected across commercial Ku- and Ka-band Geosynchronous and Non-Geosynchronous satellite networks, virtually anywhere they fly around the globe. The shipset sets into motion an accelerated migration path for commercial airlines to operate on Viasat's global network. It immediately enables worldwide roaming connectivity for new or retrofit aircraft – serving a large and growing portion of their routes on the fastest Ka-band networks, and the balance on global widebeam or spotbeam Ku satellites. Airlines can steadily migrate a greater proportion of their routes to the faster, more economical Ka-band service enabled by a growing array of partner satellites as well as the global ViaSat-3 constellation planned for launch in 2021 and 2022.

Viasat has years of expertise in delivering dual-band antenna systems to the global market. The Company's first-generation shipset served airframes ranging from commercial narrow-body planes to larger senior leader government aircraft.

"Hybrid antenna systems are not new to Viasat—we have nearly two decades of experience deploying and managing these systems," said Don Buchman, vice president and general manager, Commercial Aviation, Viasat. "Similar to the first generation, Viasat's latest dual-band system promotes smooth transitions among multiple satellite beams across Ku- and Ka-band networks. Our next-generation Ku-/Ka-band terminal is the most capable and flexible solution for commercial wide-body aircraft—giving them a global solution today—with piece of mind that the technology deployed will be forward-compatible with the innovations in spacecraft technology of tomorrow."

Key benefits

- For airlines: Viasat is providing a forward-compatible hybrid shipset solution that leverages today's Ku- and Ka-band networks, but enables airlines to easily transition to the faster, more reliable, more economical Ka-band networks of tomorrow.
- For passengers and crew: Viasat's hybrid technology allows for continuous connectivity when in-flight.

How it works

In-flight, customers will have access to all the Ka-band satellites currently participating in Viasat's global network (WildBue-1, Anik-F2, ViaSat-1, ViaSat-2 and KA-SAT, as well as nbn's SkyMuster I and II and other current and future partner satellites). When out of Ka-band coverage, service will switch to the Ku-band network. Viasat is continuing to add Ka-band capacity to its global network through partnerships and via its ViaSat-3 global Ka-band constellation, comprised of three ultra-high capacity satellites that are expected to offer complete visible Earth coverage. The first two ViaSat-3 class satellites are under construction to serve the Americas and the Europe, Middle East and Africa (EMEA) markets, respectively. These two satellites are expected to be launched by the 2021 timeframe. Viasat has also recently commenced a third ViaSat-3 class satellite for Asia Pacific (APAC), expected to be launched in the 2022 period—enabling full global Ka-band coverage.

About Viasat

Viasat is a global communications company that believes everyone and everything in the world can be connected. For more than 30 years, Viasat has helped shape how consumers, businesses, governments and militaries around the world communicate. Today, the Company is developing the ultimate global communications network to power high-quality, secure, affordable, fast connections to impact people's lives anywhere they are—on the ground, in the air or at sea. To learn more about Viasat, visit: www.viasat.com, go to [Viasat's Corporate Blog](#), or follow the Company on social media at: [Facebook](#), [Instagram](#), [LinkedIn](#), [Twitter](#) or [YouTube](#).

Forward-Looking Statements

This press release contains forward-looking statements that are subject to the safe harbors created under the Securities Act of 1933 and the Securities Exchange Act of 1934. Forward looking statements include statements about seamless satellite network-switching; the performance of the Ku- or Ka-band networks or services; availability and launch timing of the global ViaSat-3 constellation; and the forward-compatibility of Viasat's shipset, with minimal capital investment. Readers are cautioned that actual results could differ materially from those expressed in any forward-looking statements. Factors that could cause actual results to differ include: the ability to realize the anticipated benefits of the ViaSat-3 satellite platform, unexpected expenses or delays related to the satellite system, the ability to successfully implement Viasat's business plan for broadband satellite services on Viasat's anticipated timeline or at all, including with respect to the ViaSat-3 satellite platform; risks associated with the construction, launch and operation of ViaSat-3 and Viasat's other satellites, including the effect of any anomaly, operational failure or degradation in satellite performance contractual problems, product defects, manufacturing issues or delays, regulatory issues, technologies not being developed according to anticipated schedules, or that do not perform according to expectations, and increased competition and other factors affecting the connectivity market, generally. In addition, please refer to the risk factors contained in Viasat's SEC filings available at www.sec.gov, including Viasat's most recent Annual Report on Form 10-K and Quarterly Reports on Form 10-Q. Readers are cautioned not to place undue reliance on any forward-looking statements, which speak only as of the date on which they are made. Viasat undertakes no obligation to update or revise any forward-looking statements for any reason.

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Chris Phillips, Corporate Communications and Public Relations, +1-760-476-2322, chris.phillips@viasat.com; June Harrison, Investor Relations, +1-760-476-2633, IR@viasat.com