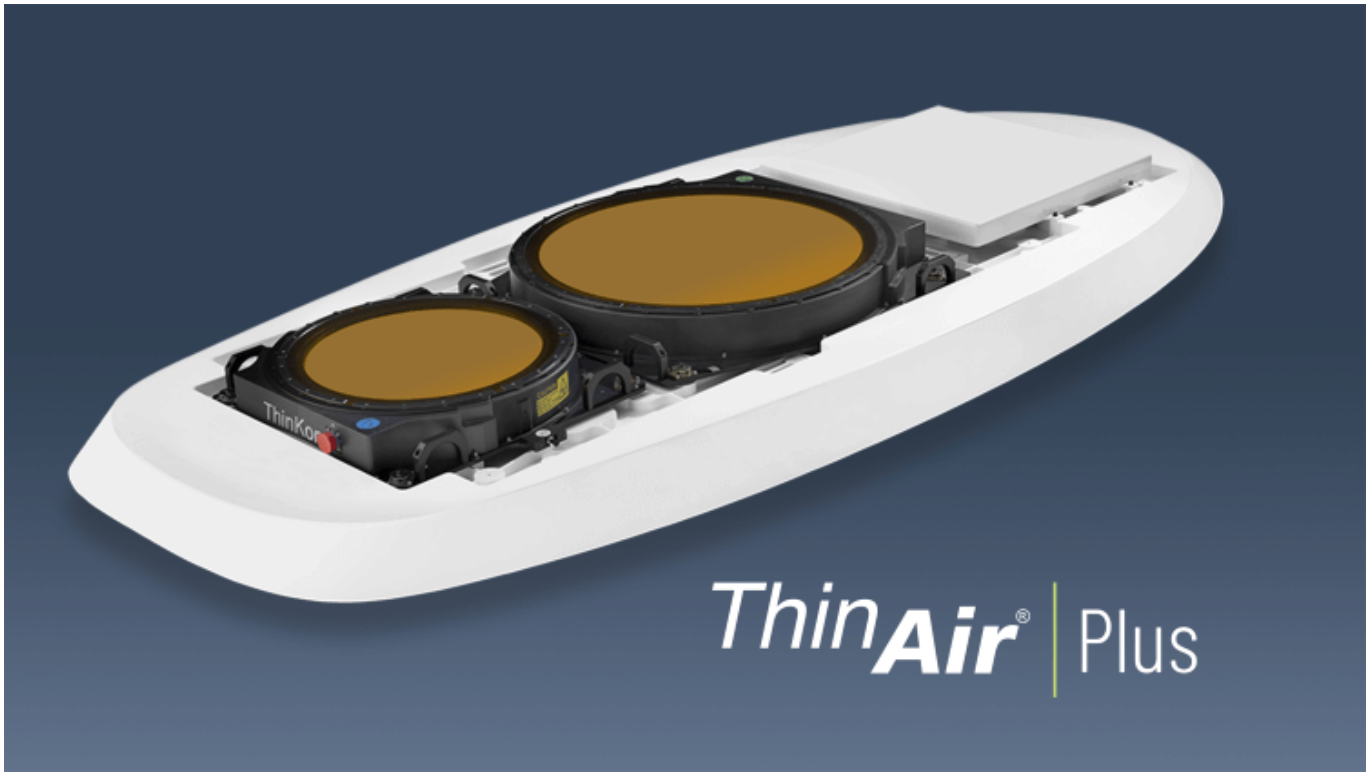
ThinKom launches innovative Hybrid IFC Antenna System



ThinKom has integrated its established VICTS array technology with an Electronically Steerable Antenna to create the ThinAir Plus system

ThinKom has introduced its revolutionary ThinAir® Plus architecture, offering airlines a cutting-edge solution for high-performance inflight internet service. This modular system combines two separate antennas into a single installation, providing airlines and integrators with unparalleled flexibility in utilizing satellite constellations and networks.

“As an antenna company, we’re providing an agnostic solution that delivers connectivity from every orbit to every seat,” explains Bill Milroy, ThinKom’s CTO, in a June 6 press release. “With the Plus architecture, we’re able to add next-generation benefits on top of our existing, high-performance antenna.”

The ThinAir Plus system is a hybrid of two antenna systems, merging the performance and reliability advantages of ThinKom’s well-established VICTS technology with a small Electronically Steerable Antenna (ESA) that operates exclusively in Low Earth Orbit (LEO). This combination offers an exceptional level of redundancy, flexibility, and efficiency.

One of the key features of the Plus architecture is its modularity, enabling the installation of both Ku- and Ka-band antennas using a common adapter plate, fairing and radome. This means that airlines can deploy ThinKom’s Ka2517 solution now and easily transition to Ku-band VICTS antennas in the future, or vice versa, without the need to modify the mounting hardware. This flexibility not only enhances the system’s design but also significantly reduces long-term logistics costs for airlines.

“Simultaneously fusing these services uniquely delivers a future-proof, low-latency LEO and high-capacity GEO solution,” added Milroy. “Routing traffic through the most efficient and cost-effective

pipe will drive competition and reduce operating costs. Redundant, independent systems also minimize dark tails, which is a major frustration to passengers and airlines alike.”