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# Global Eagle Entertainment and QEST to develop Global Ku Antenna

By **Melissa Silva** on February, 6 2015 | Inflight Entertainment



Global Eagle Entertainment Inc. (GEE) has announced that it is jointly designing a new inflight connectivity antenna with QEST Quantenelektronische Systeme GmbH, a leading developer of high performance antenna systems. The new global antenna will provide airlines with a high speed inflight connectivity solution that operates reliably at all latitudes, including equatorial regions, where Ku and/or Ku High Throughput Satellite (Ku HTS) coverage is available.

The global GEE-QEST antenna, with availability scheduled for mid-2016, will be optimized for use with upcoming Ku-band HTS systems, offering airlines a breakthrough mix of reliability, high connection speeds and global coverage. The antenna will also be fully compatible with existing Ku-band satellite systems. The global Ku-band antenna will utilize a revolutionary steerable pointing system to optimize coverage anywhere a commercial aircraft flies. The antenna will be compatible with GEE's current installation architecture and Supplemental Type Certificates (STC), and is also intended to meet the requirements for future line fit installations.

"We're excited to announce this development program with QEST for our next generation global Ku antenna," explained Aditya Chatterjee, Senior Vice President of Connectivity Systems and Chief Technology Officer at GEE. "The new antenna extends our technology leadership in inflight connectivity to meet and exceed the growing demands of our worldwide airline customers. Through our joint development with QEST, we will provide airlines with the most advanced, high-speed connectivity technology and service in all latitudes where Ku and Ku HTS are available."

The new antenna represents an expansion of GEE's antenna portfolio. The current commercially available Ku-band antenna from GEE is the inflight connectivity market's most popular system today. It incorporates key radio frequency components from QEST and will continue to be supported in the future.

"We're delighted to work closely with GEE to develop and deploy their new global inflight connectivity antenna," added Dr. Jörg Oppenländer, CTO at QEST. "With our design expertise in high performance antenna systems, we will provide GEE and its customers with a technology solution that provides global coverage, takes full advantage of the high speed performance capabilities of upcoming Ku HTS satellite systems and is fully compatible with the current generation of satellites."