



## Aero Solutions

# PREMIUM IN-AIR EXPERIENCES

SES Networks equips aero service providers and their commercial airline and business jet customers with secure low latency, high-performance In-Flight Connectivity (IFC), keeping passengers and crew continuously and reliably connected to what is near and dear to them wherever they may fly.

### Stay Connected, Entertained and Fully Productive

From secure communications to cabin applications such as in-flight HD entertainment or virtual office connectivity, SES Networks provides the next-generation, satellite-enabled mobility solutions trusted by industry-leading service providers and their customers.

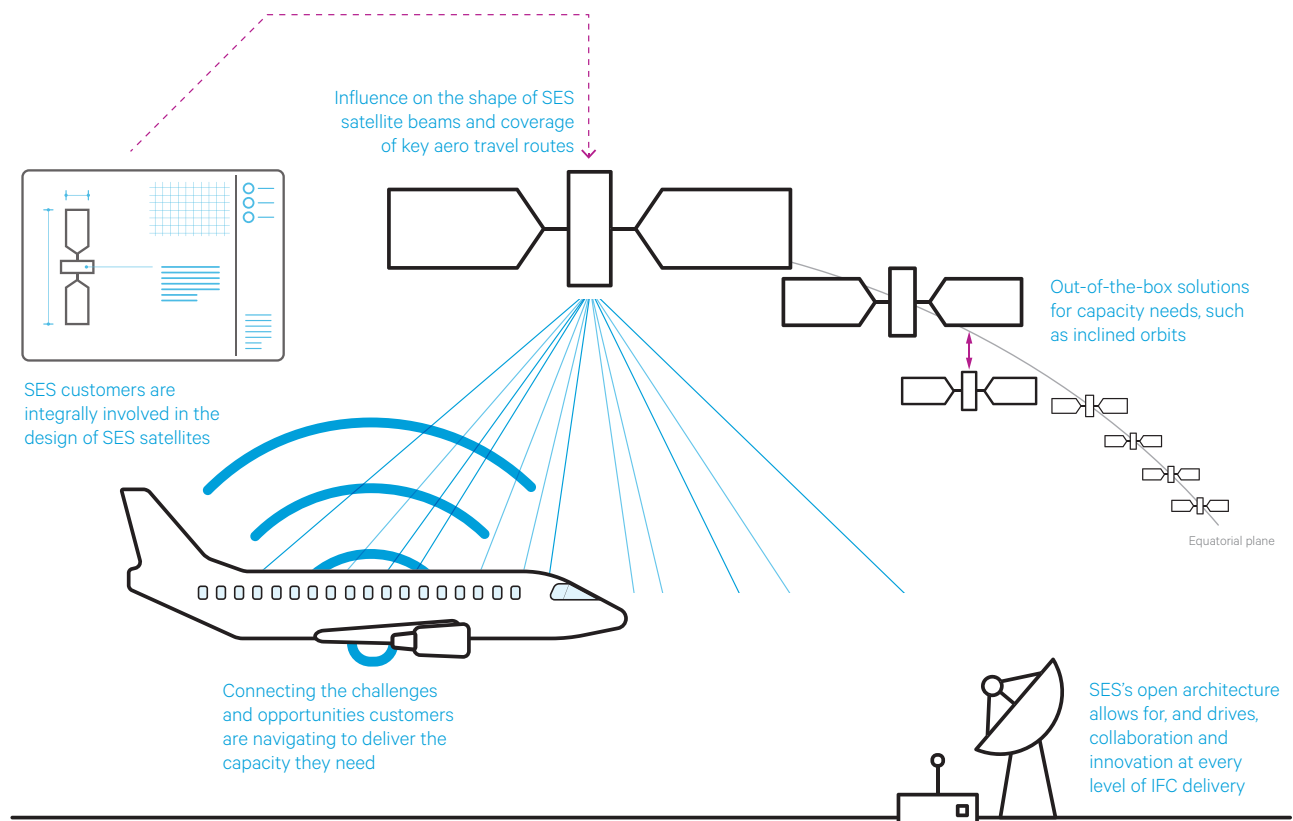
### Key Features

- Fully managed Medium Earth Orbit (MEO), Geostationary Earth Orbit (GEO) or MEO/GEO satellite-enabled IFC with multiple service assurance options
- Single beam, cross-beam and cross-satellite dynamic distribution of bandwidth
- Frequency band agnostic mobility services (Ku, Ka, L bands)
- Customisable, dynamically distributed bandwidth per region, route or aircraft
- Accommodates 3<sup>rd</sup> party capacity
- Monitors location, beam coverage, availability, and performance
- Automatic on-demand bandwidth/power allocation
- Auto-configuration of beamforming to optimise throughput
- Application aware for automated, real-time provisioning
- Live television and airline operational efficiency data broadcasts
- Continuous network monitoring, management and optimisation
- Ground-based system analytics and insights

### Benefits

- Global internet and network coverage for long-haul operators
- Regionally focused solutions for short-haul flights
- Tailored MEO solutions with GEO diversity options
- Flexible future-proof solutions with new antenna designs
- A dedicated team focused on optimising Quality of Experience (QoE)
- 24/7 network operations centre to ensure high Quality of Service (QoS)
- Upcoming HTS capacity will enable higher data throughput at a low cost per bit

## Aero Solution Architecture



Application-specific QoS levels and automated connection optimisation capabilities leveraging SES Networks' multi-orbit, multi-band satellite system, enable passengers to stream real-time HD movies or digital music, participate in multiplayer virtual gaming, collaborate with colleagues online, or upload/download large data files – all with an unbeatable QoE.



Learn more about SES Networks' full portfolio of services and solutions.  
Website: [ses.com/networks](https://ses.com/networks)

