



## In-flight broadband connectivity for airline passengers

### KEY FEATURES

#### AIRLINES NEED KA-BAND TODAY

- Large increase in demand for in-flight broadband Wi-Fi
- Driven by new devices: laptops, smartphones, tablets...
- Strong demand for Medium-Haul Aircraft, especially A320, B737 and E190 family

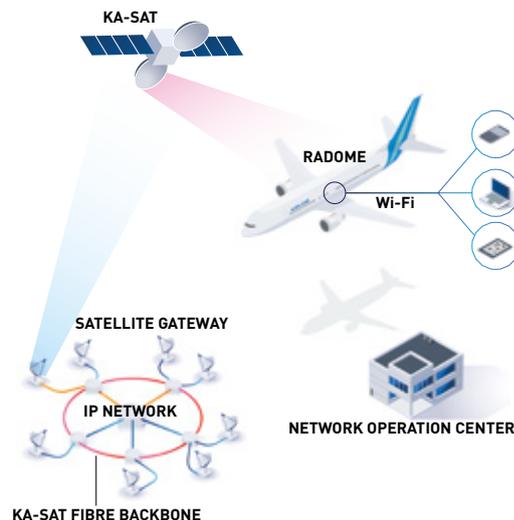
#### OUTSTANDING CAPACITY FOR IN-FLIGHT BROADBAND

- KA-SAT total capacity of 90 Gbps
- Fully redundant ground network infrastructure
- Pay-as-you-go solution
- Airborne terminal available
- Roaming between other Ka-band satellite networks [future]

With the Eutelsat Air Access connectivity solution, airlines can provide passengers today with top-quality internet access and videostreaming on tablets, smartphones and laptops.

Eutelsat Air Access is deployed on the KA-SAT High Throughput satellite (HTS) which delivers a total capacity of 90 Gbps and uses ViaSat technology, the most advanced and competitive system available for airborne connectivity using the Ka-band.

Eutelsat Air Access covers Europe and North Africa and will be expanded to other Eutelsat Ka-band HTS satellites. A Roaming agreement with ViaSat to cover North America with a complementary coverage over the North Atlantic is expected in 2017.



## EUTELSAT INFRASTRUCTURE FOR AERONAUTICAL KA-BAND SERVICE

### AIRBORNE KA-BAND EQUIPMENT READY

- Low-profile Ka-band satellite antenna and RF certified modem from ViaSat, with high throughput (up to 100 Mbps TCP)

### KA-SAT GROUND NETWORK

- Proven ViaSAT technology, for high-speed broadband service
- 8 active + 2 back-up satellite gateways
- High channel capacity with adaptive coding & modulation on both forward and return links
- Advanced per-flow QoS management
- Seamless handling of TCP/IP connections during Hand-Overs

### KA-SAT COVERAGE AND VIASAT COVERAGE

