



## ATLANTIC BIRD™ 1 (12.5° West)

### Unrivalled versatility for the transatlantic market

■ Located at 12.5 degrees West and featuring 24 Ku-band transponders, the ATLANTIC BIRD™ 1 satellite is optimized to provide multiple cross-connection between the Eastern seaboard of North America into Europe, North Africa and the Middle East, a leading-edge level of versatility perfectly suited to fulfill the fast-changing needs of video distribution and contribution services, corporate networks, satellite newsgathering, IP trunking, direct backbone access or corporate services.

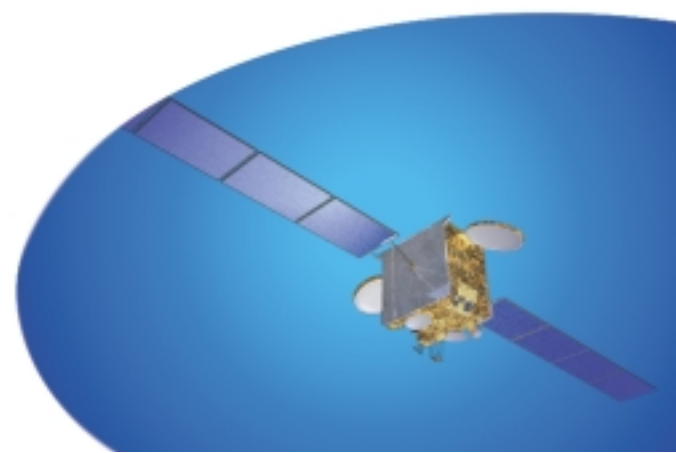
■ In addition to the operational comfort afforded by such a high degree of flexibility, ATLANTIC BIRD™ 1 also carries on-board a special optional "Broadcast Mode" feature ensuring a virtual common downlink and/or uplink coverage spanning Europe and the Americas. With these powerful cross-connection capabilities, signals can be sent and received between one or both coverage areas. This capability is particularly attractive to Satellite News Gathering (SNG) customers.

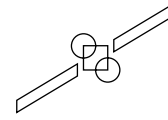
■ With a total of three satellites - ATLANTIC BIRD™ 1 (Ku-band, 12.5 degrees West), ATLANTIC BIRD™ 2 (Ku-band, 8 degrees West) and ATLANTIC BIRD™ 3 (Ku- and C-band, 5 degrees West) - **ATLANTIC GATE is now one of the strongest satellite neighbourhoods for transatlantic video, IP and data applications.** It is also fully integrated with Eutelsat's pan-European, Middle East and North African market reach, providing American video professionals with seamless access to over 100 million homes via bundled turnarounds on Eutelsat's leading DTH orbital positions as well as corporates with a choice gateway for direct access to the Internet backbone.

### Key Markets and Services

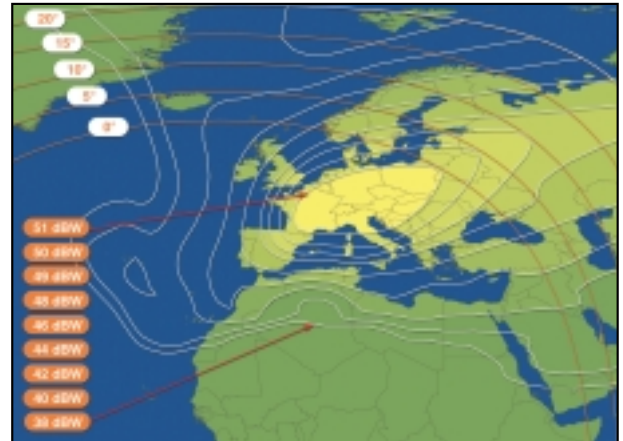
- Europe, the Americas, North Africa, Middle East and Central Asia
- Video distribution to small dishes
- Contribution services
- Corporate networks
- Satellite News Gathering (SNG)
- IP Backbone access

**ATLANTIC GATE,  
the unparalleled multi-satellite  
route linking the Americas  
& Europe, the Middle East,  
Central Asia and Africa**

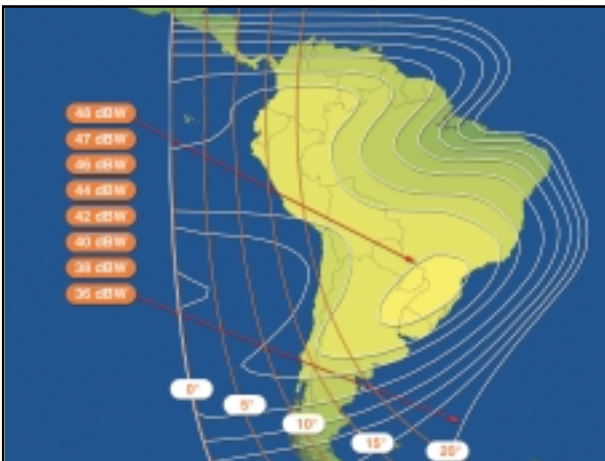




North American downlink coverage



European downlink coverage



South American downlink coverage



Downlink coverage

### Satellite Info

- Satellite Manufacturer: Alenia Spazio
- Downlink frequencies: 10.95-11.70 GHz, 12.50-12.75 GHz
- Transponder bandwidth: 72 MHz, 54 MHz, 36 MHz
- Platform: Italsat type platform
- Launch mass: 2700 kg
- Projected lifetime: >15 years
- Launch: Ariane V
- Orbital position: 12.5° West
- Operational transponders: 24 Ku-band

[www](http://www.eutelsat.com) see our website [www.eutelsat.com](http://www.eutelsat.com) for more information