

W3A @ 7° EAST

MULTI-SERVICE MULTI-COVERAGE

HIGH-POWER CONNECTIVITY AT THE CROSSROADS OF EUROPE, AFRICA AND THE MIDDLE EAST

Strategically placed at 7 degrees East, over the Gulf of Guinea, Eutelsat's W3A satellite covers the whole of sub-Saharan Africa and provides direct connectivity to Europe and the Mediterranean Basin.

With a 58 channel frequency plan, W3A has doubled the capacity available at 7 degrees East since its introduction in May 2004. Providing services including TV distribution, corporate networks and broadband Internet, the satellite also features SKYPLEX on-board multiplexing for both video and data services. SKYPLEX enables companies to use small antennas for "micro-broadcasting", cost-effective multimedia networks and fully interactive DVB IP and DVB applications.

In addition to bringing Africa its first SKYPLEX solution, W3A also provides the Continent with a wide range of services including digital DVB broadcasting and distribution, VSAT and bi-directional Internet services - ideal for applications such as distance-learning and telemedicine.

In Europe, the proximity of W3A to Eutelsat's HOT BIRD™ broadcasting system at 13 degrees East, enables services to be received from both orbital positions through a simple double-feed antenna.

W3A is one of Eutelsat's most sophisticated satellites, combining Ku- and Ka-band frequencies and on-board multiplexing. It incorporates an exceptional degree of operational flexibility as well as multiple coverages for regional or intra-regional networks.

Superior connectivity with W3A:

- Europe-to-Europe: high-power communications and SKYPLEX on-board multiplexing; ideal for DTH services for the Eastern Mediterranean and contribution or distribution to cable head-ends in Europe, the Middle East and as far as the Horn of Africa;
- Europe-Africa: bi-directional broadband capabilities for sub-Saharan Africa, via hubs located in Europe or Africa, for applications such as Voice over IP, VPN, web cafés; ...
- Africa-to-Africa: broadband VSAT services (videoconferencing, Intranets, meshed data networks), and SKYPLEX.

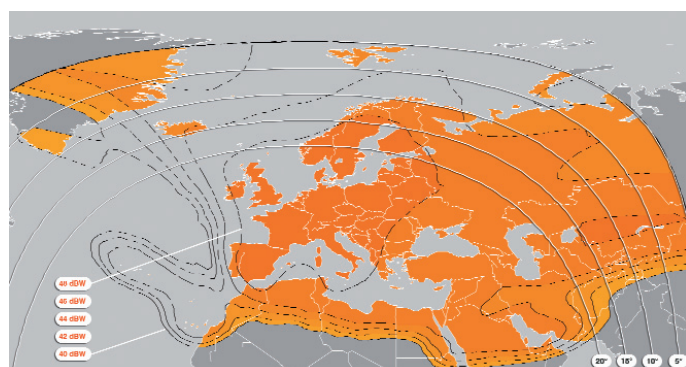
KEY MARKETS

- Europe
- Aegean Sea
- Middle East
- Central Asia
- Sub-Saharan Africa

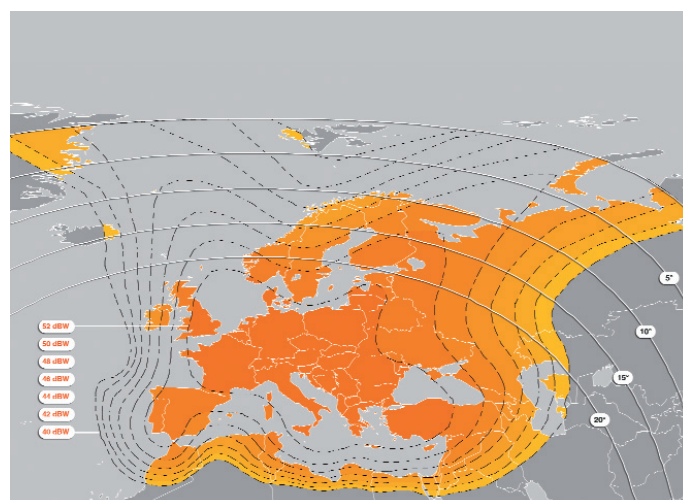
KEY SERVICES

- DTH Broadcasting
- Corporate networks
- Broadband Internet access
- Voice over IP
- Tele-medicine and distance-learning
- Video distribution to small dishes
- SKYPLEX on-board multiplexing (video and data)
- HDTV Services
- Contribution services

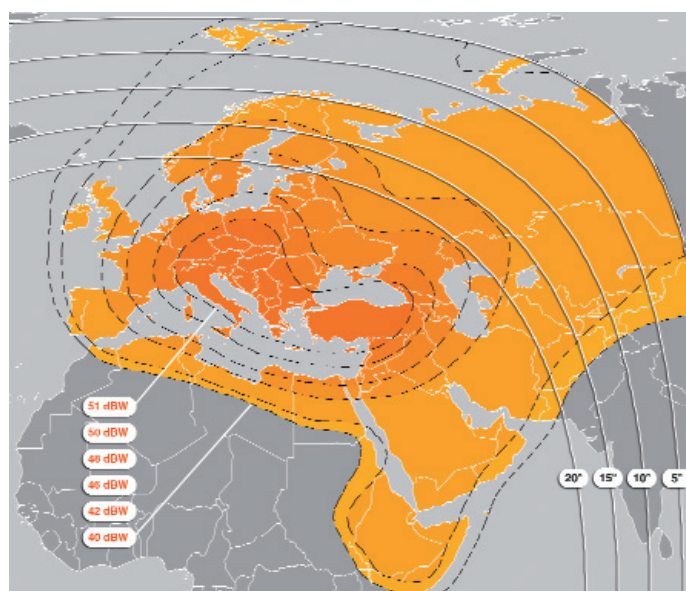
COVERAGE MAPS AND SATELLITE INFO



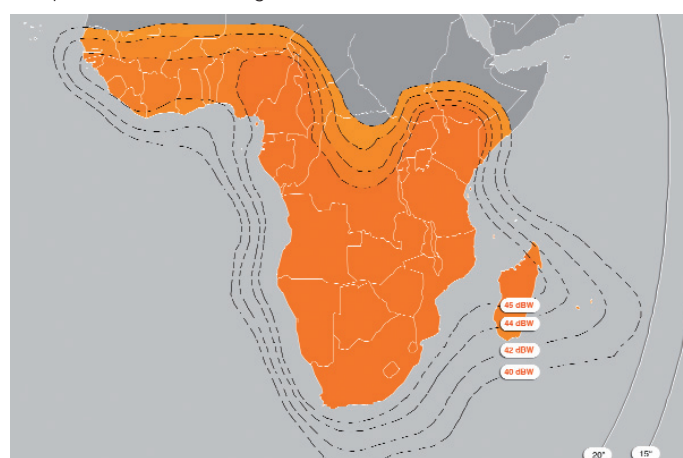
Europe A downlink coverage



Europe C downlink coverage



Europe B downlink coverage



Sub Saharan Africa downlink coverage

Satellite manufacturer:	Astrium
Launch mass:	4450kg
Projected lifetime:	>12 years
Launch:	ILS Proton Breeze M
Orbital position:	7 degrees East
Operational transponders:	42 Ku-band, 2 Ka-band
Transponder bandwidth:	36 MHz, 49.5 MHz, 54 MHz, 72 MHz, 108 MHz
Downlink frequencies:	10.70-11.70 GHz, 12.50-12.75 GHz (Ku-band) 21.40-22.00 GHz (Ka-band)