

XTEND AFRICA EMPOWERING BROADBAND SERVICES



FOR FURTHER INFORMATION

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عرب سات
ARABSAT

عالمنا... عالمكم.
Our world. Your world.

UNI-DIRECTIONAL SATELLITE INTERNET SOLUTION

Broadband plays a crucial role in regional development, for businesses, the public sector and communities. Our aim is to bring broadband internet to all, even to people living in isolated areas. We have developed a new low-cost solution which has a significant economic and social impact on growth and productivity.

Arabsat BADR-7 broadband satellite uses the latest technology to deliver high speed data

services across Middle East, Africa and Europe. It has a unique flexible payload which enables efficient allocation of the bandwidth to maximise deployments in those regions with the highest demand for broadband.

The end-user terminals will be affordable one-way satellite receivers/routers. They will be used to access the internet in broadband speeds with incoming data from satellite combined with a

terrestrial return channel (GPRS/3G/4G/Dial-up/Ethernet). The receivers/routers are equipped with a state of the art DVB-S2 demodulator and advanced IP over Satellite optimization tools.

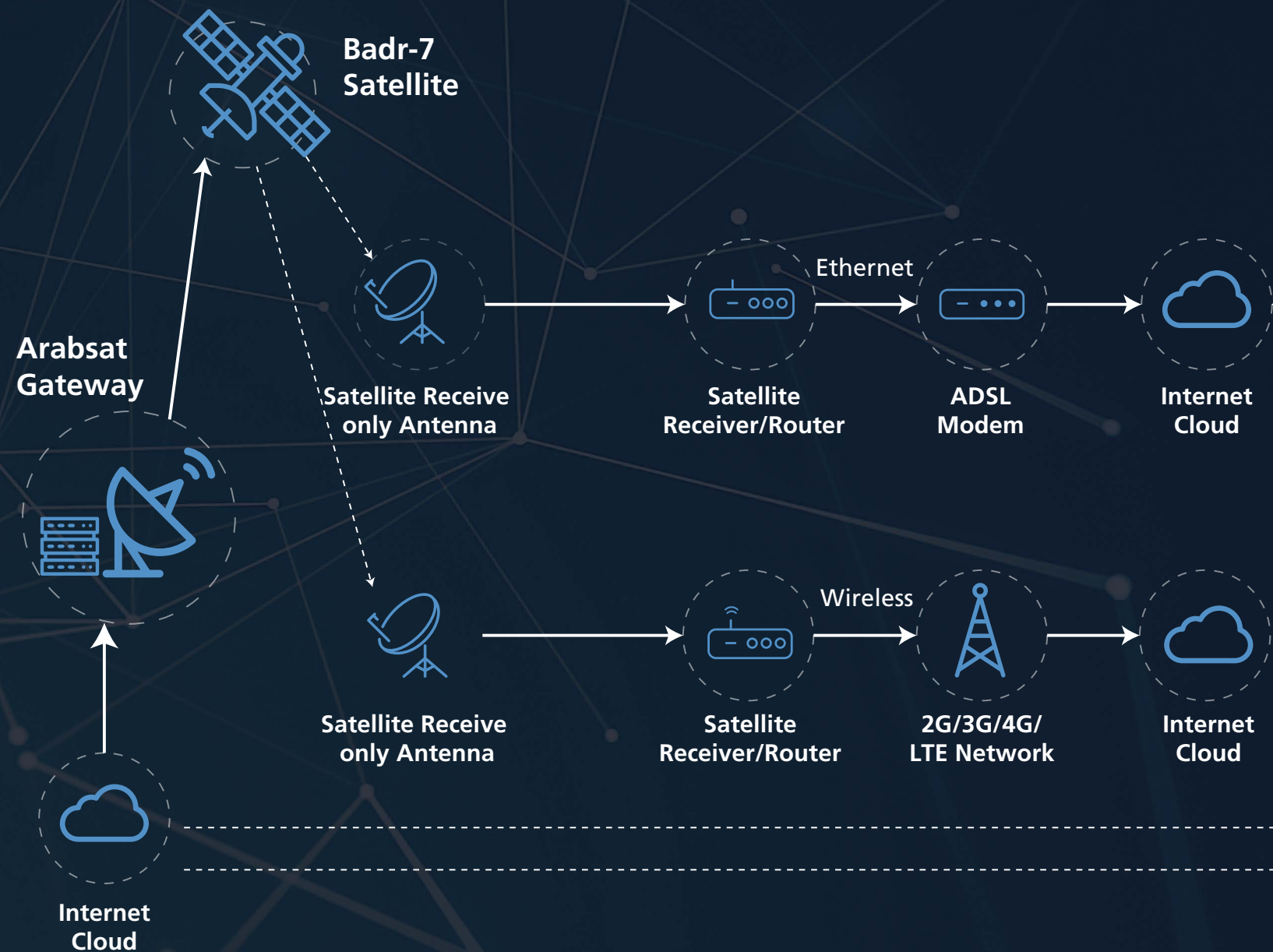
Different models will be offered for small-office/home-office user, enterprises and consumers. All receivers/routers include built-in WIFI functionality. TCP acceleration allows the end user to reach maximum performance.

ADVANTAGES

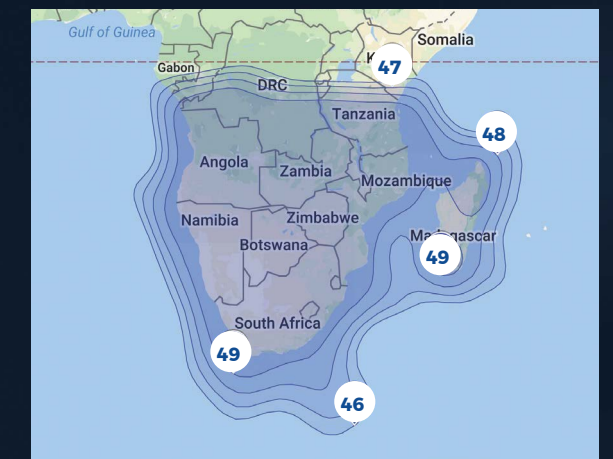
- Lowest-Cost uni-directional satellite broadband solution
- Highest security standards to ensure data/content confidentiality.
- Quick & Easy-to-install.
- A range of antenna sizes can be used (60-135cm) depending on the location within the footprint.
- Large coverage decreasing the Digital-Divide
- Large number of networks can be deployed.

APPLICATIONS

- Broadband Internet access
- Resilient high-speed corporate data networks
- Remote site telemetry, M2M applications for remote sites
- IP and Interactive regional TV, VOD-services
- CDN-via-Satellite, delivering content to the edge
- GSM and mobile data backhaul, improving and expanding the reach of mobile coverage
- Broadcast and IP-Multicast



Ku-FSS (S. Africa) Beam Downlink



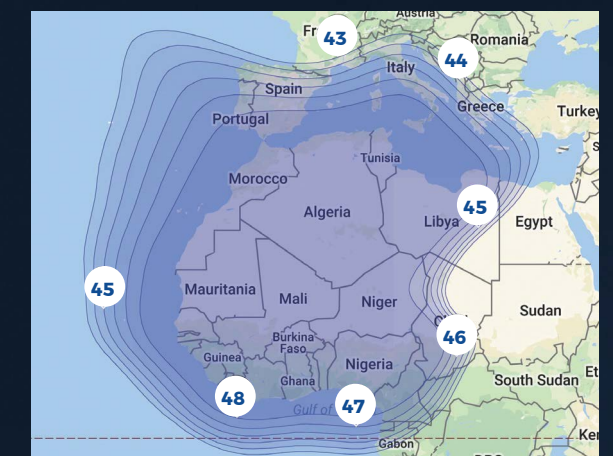
Footprint (EIRPs) dBW

Frequency Band: Ku-band / FSS
11.45 - 11.70 GHz

Polarization: Linear

Typical EIRP: 49.5 dBW

Ku-FSS (N. west Africa) Beam Downlink



Footprint (EIRPs) dBW

Frequency Band: Ku-band / FSS
11.45 - 11.70 GHz

Polarization: Linear

Typical EIRP: 49.2 dBW