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broadband

CONNECTING REMOTE LOCATIONS

FAST, EASY AND AFFORDABLE SATELLITE BROADBAND FOR RURAL COMMUNITIES

The availability of Internet connectivity is becoming a key factor in the development of rural areas. However, across a number of remote European locations, connectivity is non-existent or insufficient. In the case of areas connected through a copper line infrastructure for telephone and basic DSL, the available bandwidth is often very low in comparison to nearby towns and cities.

Eutelsat Broadband - with the KA-SAT satellite - provides broadband connectivity at a competitive price-point to any location across Europe, parts of North Africa and the Middle East. This is achieved through KA-SAT's future-proof technology, which provides high throughput bandwidth on the spot.
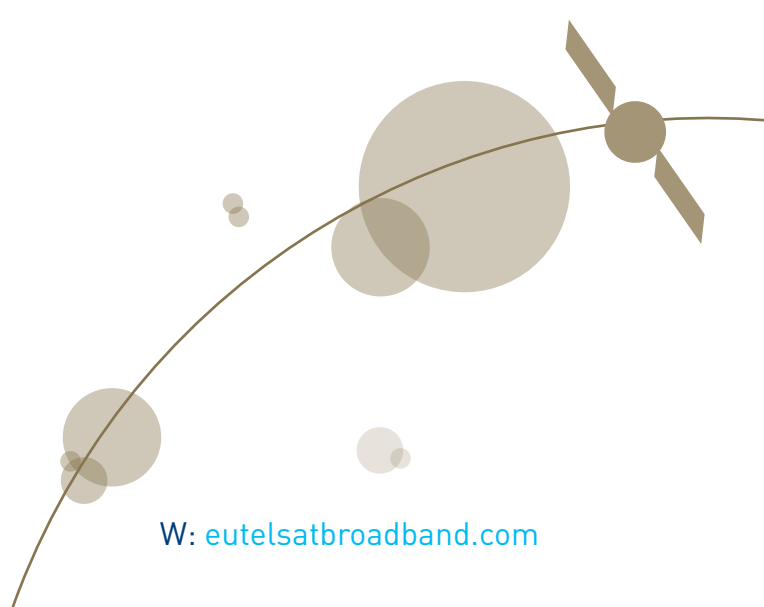
Eutelsat broadband - with its partner Eusanet - provides a unique broadband solution with tariffs to suit the needs of rural villages, business parks and urban sprawl, where required capacity is either lacking or non-existent. The solution can be combined IPTV to strengthen or outright provide high-quality media streaming.
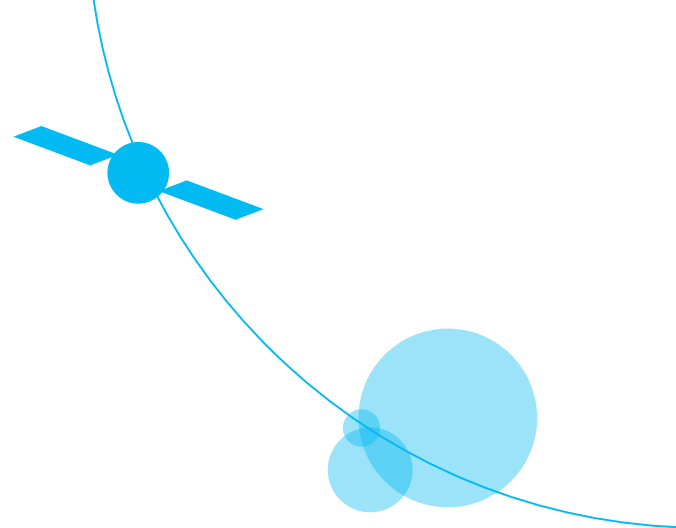
KEY ADVANTAGES

- Affordable, high performance and reliable service
- Speeds up to 22 Mbps
- Availability across Europe, parts of North Africa and the Middle East
- Low cost satellite terminals
- No need for investment into own infrastructure
- Standard or Ad-hoc deployments

KA-SAT offers rural communities:

- Bi-directional IP-traffic
- TCP/IP and UDP/IP support
- Dedicated or best-effort bandwidth
- Connection to Eutelsat Broadband fully redundant fibre-ring and Internet POP's

- Broadband internet tariffs
- Voice over IP option
- IP multicast option
- Video Surveillance option
- Fixed IP addresses

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USAGE SCENARIO

KA-SAT broadband is already installed in a number of remote locations and villages across the world. With Eutelsat Broadband, there's no need to install a satellite dish at home or reconstruct your cabling. With our solution, the existing copper line can simply be reused.

Eutelsat Broadband offers the following advantages:
- 100 % coverage across Europe, parts of North Africa and the Middle East
- Available immediately
- Cost-effective due to usage of existing network infrastructure
- Solution is based on Eutelsat KA-SAT high throughput satellite
- Offers flat rate for telephone calls and IPTV
- Future-proof due to scalability (up to 50 Mbps)
- Very low infrastructure work needed
- Latest VDSL technology
- No construction work needed

ADVANCED TERMINAL

- Metal box IDU
- 77cm/3W or 120cm/4W ODU
- Dual processor
- Layer 2/3 capability
- 45W electrical power usage

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