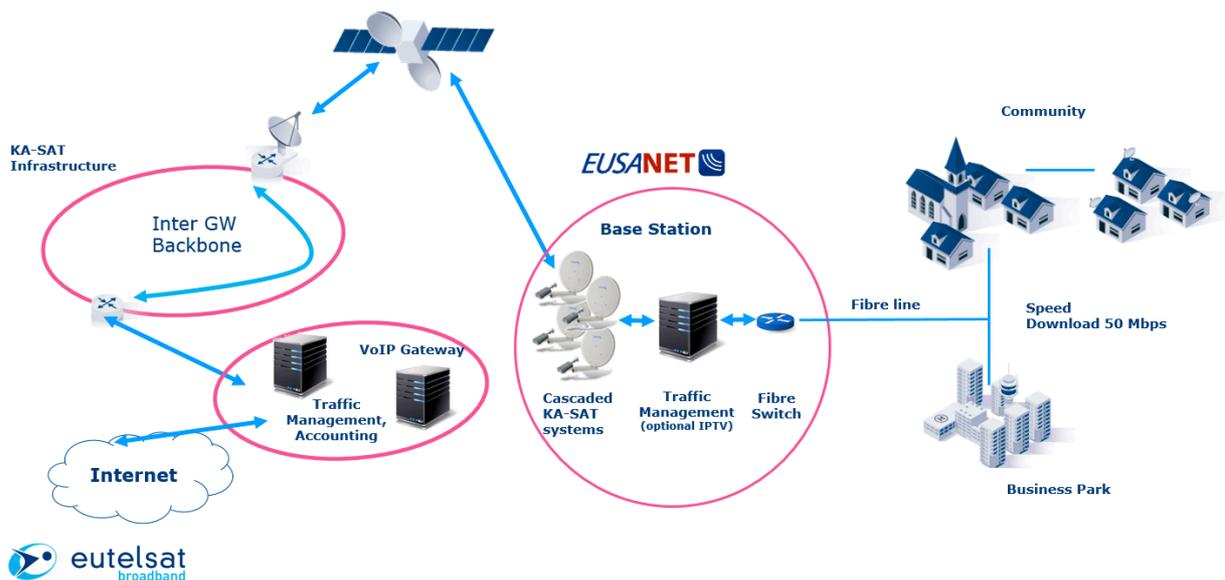


Press Release

EUSANET and Eutelsat Broadband launch the first satellite-based broadband service solution combined with a local FTTH network

Future-proof solution opens new horizons for communities with poor internet access – Download speeds of up to 50 Mbps for enterprises – telephony and TV options to be added at a later stage



Köln, Bischberg, 15 September 2016 – A new milestone reached for the broadband supply of rural communities unserved or underserved by terrestrial networks. EUSANET, a leading provider of satellite-based broadband services, and Eutelsat Broadband, the broadband subsidiary of Eutelsat, for the first time in Europe have devised a solution providing broadband services to an existing local fibre network. This transitory solution opens new perspectives for rural broadband projects as communities will have the option to invest in future-proof fibre infrastructures even if the terrestrial connection to the Internet backbone is not ready yet. The FTTH network can be instantly connected via satellite broadband.

The FTTH network in Ullersdorf has been created by a local group of enterprises including an installer company. EUSANET and Eutelsat have then connected this local fibre network to fast

internet via Eutelsat's HTS satellite KA-SAT. This unique combination of satellite and fibre permits to supply households with downlink speeds of up to 30 Mbps and uplink speeds of up to 6 Mbps. EUSANET offers also a dedicated service to enterprises providing downlink speeds of up to 50 Mbps and an uplink of up to 10 Mbps.

The network presently comprises 45 households and enterprises, 17 of which were connected on the first day of service while the others are expected to join soon. In a second phase EUSANET plans to offer IP-telephony and digital TV channels in SD and HD quality via satellite and fibre.

At the heart of this innovative community solution there is a set of bi-directional satellite dishes receiving and sending data from and to Eutelsat's HTS KA-SAT through satellite modems, a router and a server. *"This is the first technical solution in Europe combining satellite and a fibre network to supply a community with fast internet. Thanks to our know-how and the broadband capacity of KA-SAT we were able to recommend and roll out the solution in a short period of time. This solution is also an important signal for all small communities in areas with poor access to broadband. It shows that it is possible to operate a local FTTH networks before a terrestrial connection to the regional and nationwide internet backbone can be financed and realized"*, announces Stephan Schott, Managing Director of EUSANET GmbH,

"This new community supply solution is another milestone for the European-wide needed broadband expansion in rural regions. It confirms that satellite-based services can be combined with state-of-the art fibre infrastructures for the supply of homes and enterprises", said Udo Neukirchen. MD of Eutelsat Germany.