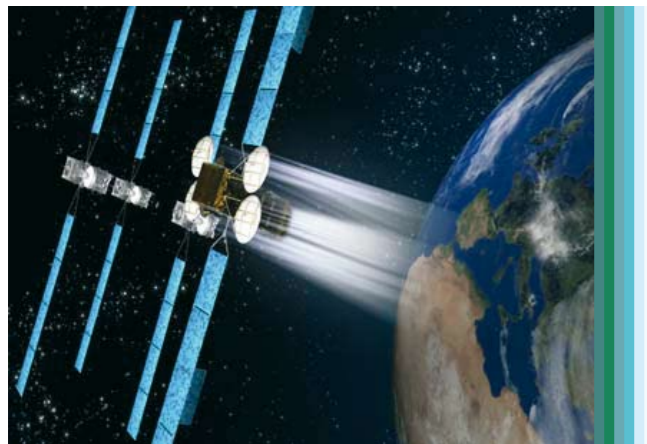


The future with KA-SAT

In the third quarter of 2010, Eutelsat will launch a satellite fully dedicated to broadband Internet services in Europe. With its 82 Ka spot-beams and a network of 8 gateways on the ground, KA-SAT will supply more internet capacity than any other satellite in the world serving one million users. It will deliver a total throughput of 70 Gigabits per second, which will allow down-link speeds up to 10Mbps and uplink speeds of 1 Mbps.



KA-SAT at 13° East



KA-SAT coverage over Europe and the Mediterranean Basin

The sky's the limit with high-speed consumer broadband internet via satellite



Coverages are given for informational purposes and may evolve slightly as the service develops.

Tooway™, Internet everywhere

A new generation of broadband internet delivery that fills the terrestrial gap

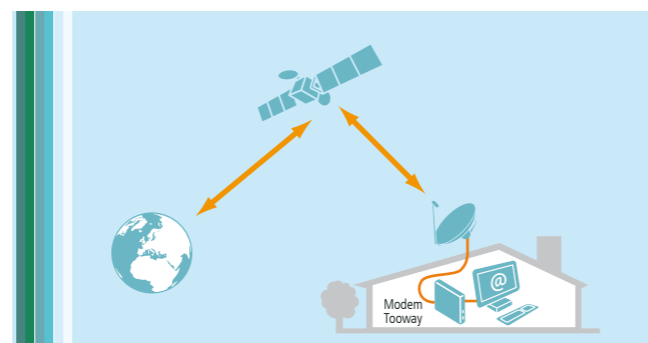


installed in over 500000 homes and offices across North America and Canada in just under two years, and it is widely anticipated that the take-up in Europe will be as equally impressive.

Low costs make Tooway™ the affordable choice for consumer broadband services

Tooway™ principally targets consumer markets with hardware and installation costs at a fraction of the cost of professional broadband access systems.

The key advantage of Tooway™ is that it eliminates the need for a terrestrial internet access component at the subscriber's premises, which improves the availability and speeds of broadband internet access.



How it works

Tooway™ connects homes via satellite at up to 30 times faster than a standard dial-up connection. A satellite dish and a Tooway™ modem are all that's required.

European demand for broadband internet access is at its highest ever. Currently some 20 million homes across Europe cannot access ADSL or cable networks and this will only decrease to 15 million homes by 2010.

That's why Eutelsat and ViaSat have joined forces to deliver a new system for two-way broadband services. Uniting the skills of Europe's leading satellite operator, working with its Skylogic broadband affiliate, and ViaSat, a world leader in consumer broadband products and innovative satellite networking systems, Tooway™ is a new generation of two-way satellite services, which enables uplink and downlink communications via satellite.

The operational technology and service that forms the basis for Tooway™ has already been successfully

Packages designed to fit the different needs of home users

The Tooway™ service is offered in a range of four different packages: Basic, Bronze, Silver and Gold, with a Fair Access Policy designed to ensure that exceptional usage by a few customers does not negatively impact on the normal usage of other customers.

The packages have been tailored to fit the varying requirements of home-users, offering downlink speeds of up to 2048 kbps in both the Ka-band and Ku-band configurations. Uplink speeds are available at up to 384 kbps in Ka-band and 384 kbps in Ku-band.

End-user tariffs will be defined by local service providers partnering in the distribution of the Tooway™ service.

	KU-BAND	KA-BAND
MAX. DOWNLINK	3.6 Mbps	3.6 Mbps
MAX. UPLINK	384 kbps	384 kbps

Triple-play and DTH (Direct-to-Home)

- + Triple-Play is offered by several distributors.
- + By adding a second LNB, Triple-Play + DTH are possible on the same antenna. This option is available on both Ku and Ka antennas.

Features that bring a wide range of user benefits

- + Low cost broadband satellite modem
- + Enabling high-speed connections
- + No PC software required
- + Built-in security against theft-of-service and theft-of-subscriber
- + Built-in TCP and Web acceleration functions
- + 10/100 Mbps Ethernet interface
- + Fade mitigation techniques provide high availability reducing loss of service
- + Standard Ku-band and Ka-band ODUs available

A hardware set-up with no surprises for your customers

To receive Tooway™, consumers need not worry about managing new hardware standards, installing any additional software or re-configuring their PC. The system comprises an exterior dish of 68cm for Ka-band frequencies and 96cm for Ku-band frequencies, plus an internal modem that's comparable in size (23 x 23 x 3.8 cm) and function to a desktop ADSL or cable modem, with a sleek design to fit with other consumer IT equipment. The modem interfaces to a PC or home network via a standard Ethernet connection (10/100 Mbps).



Ka-band hardware

European-wide coverage

The service operates via Eutelsat's HOT BIRD™ 6 satellite at 13° East, using Ka-band frequencies, and in Ku-band on the company's EURO BIRD™3 satellite at 33° East. Eutelsat's broadband subsidiary Skylogic manages the hub operation for Tooway™, from its SkyPark teleport in Turin, Italy.