

PORTABLE HIGH-SPEED COMMUNICATIONS WHEN YOU NEED IT

SURFBEAM® 2 PRO PORTABLE



ViaSat





INTRODUCTION

Instant, portable communication can be a lifeline in combat and in emergency response. It can keep populations informed in a time of continuous breaking news around the globe and facilitate the exploration of new energy sources. These critical jobs demand significant network bandwidth and, unlike traditional connections, often require sending and receiving large amounts of content simultaneously. Our portable and mobile broadband services bring abundant, affordable connections to any location and can play a key role in delivering the information you need with little advance notice.

When it comes to bandwidth-hungry applications for satellite news gathering, tactical military operations, emergency response, or oil and gas exploration, only ViaSat brings you affordable bandwidth when you need it.

SATELLITE NEWS GATHERING

In recent years, because of costly satellite bandwidth, traditional Satellite News Gathering (SNG) has been challenged by 3G/LTE technology. Major networks now use the Internet for on-location reports. These mobile data networks, however, don't provide the uplink bandwidth required for real-time high-definition video, particularly when there are several reporters in the same location.

Our broadband service gives you ample bandwidth—even for live high-definition reporting at up to 20 Mbps—at a fraction of today's SNG costs. Pre-recorded footage and high-resolution photos can accompany stories, raising the quality of your reporting. You can simultaneously perform network-based tasks while on the road.

Bandwidth costs are reduced even more with our turnkey service that eliminates the "pre-planned bandwidth reservation" process through the service bureau. You get a business plan that scales with you when adding one more truck or portable reporting system.

Send the reporter only to cover a story. Standalone and van-mounted antennas point and acquire the network while the reporter sets up the camera and prepares for the shot.



BANDWIDTH FOR LIVE
HIGH-DEFINITION REPORTING
AT A FRACTION OF
TODAY'S SNG COSTS



EXTEND BROADBAND
COMMUNICATIONS TO THE
TACTICAL EDGE





MILITARY

In today's military operations, the right information can be even more important than the right firepower. Mobile warfighters need instant access to trusted intel, to make better decisions faster, and adjust to unexpected mission changes. For information superiority, warfighters need network access at a moment's notice to share video, voice, data, and other bandwidth-intensive communications in the chaos of combat.

With skyrocketing demand for satellite bandwidth outpacing supply, military forces have struggled to fulfill the shortfall and extend communications to the tactical edges of the battlefield.

ViaSat bridges that connectivity gap with man-portable broadband access for dismounted warfighters at the last tactical mile. With our high-speed, portable terminals and turnkey satcom service, military operators can securely share full-motion HD video, high-resolution imagery, ISR, and situational awareness data in real time.

By fusing tactical broadband satcom access with line-of-sight and beyond-line-of-sight communications systems, ViaSat extends networking across the entire battlespace to ensure that enterprise network access reaches warfighters to the last tactical mile. Armed with the right information at the right time, tactical warfighters gain a full view of the battlefield so they can coordinate ad-hoc missions, adapt to battle changes, and use firepower more efficiently.

EMERGENCY RESPONSE

In an emergency, access to reliable communications saves lives and plays a crucial role for disaster victims, first responders, relief workers, and local governments. In areas where wireless and terrestrial infrastructure are unavailable, damaged, or overloaded, satellite communications may be the only viable way to re-establish communications.

Using the most advanced satellite technology, we help you establish a high-speed uplink at a moment's notice. Setup uses a built-in antenna pointing aid for rapid satellite acquisition, providing reliable installation with minimal training. With access to real-time, situational information, plus the relaying of photos, video, and assessment of local conditions, decision-makers have the tools they need to support on-the-ground recovery efforts. The temporary infrastructure provides Internet and secure VPN data, voice, and video services and can remain in place for days or weeks, as the situation requires.



A HIGH-SPEED
UPLINK AT A
MOMENT'S NOTICE



DESIGNED FOR
EASY TRANSPORT
AND RELIABLE
OPERATION IN THE
MOST DEMANDING
ON-SHORE LOCATIONS

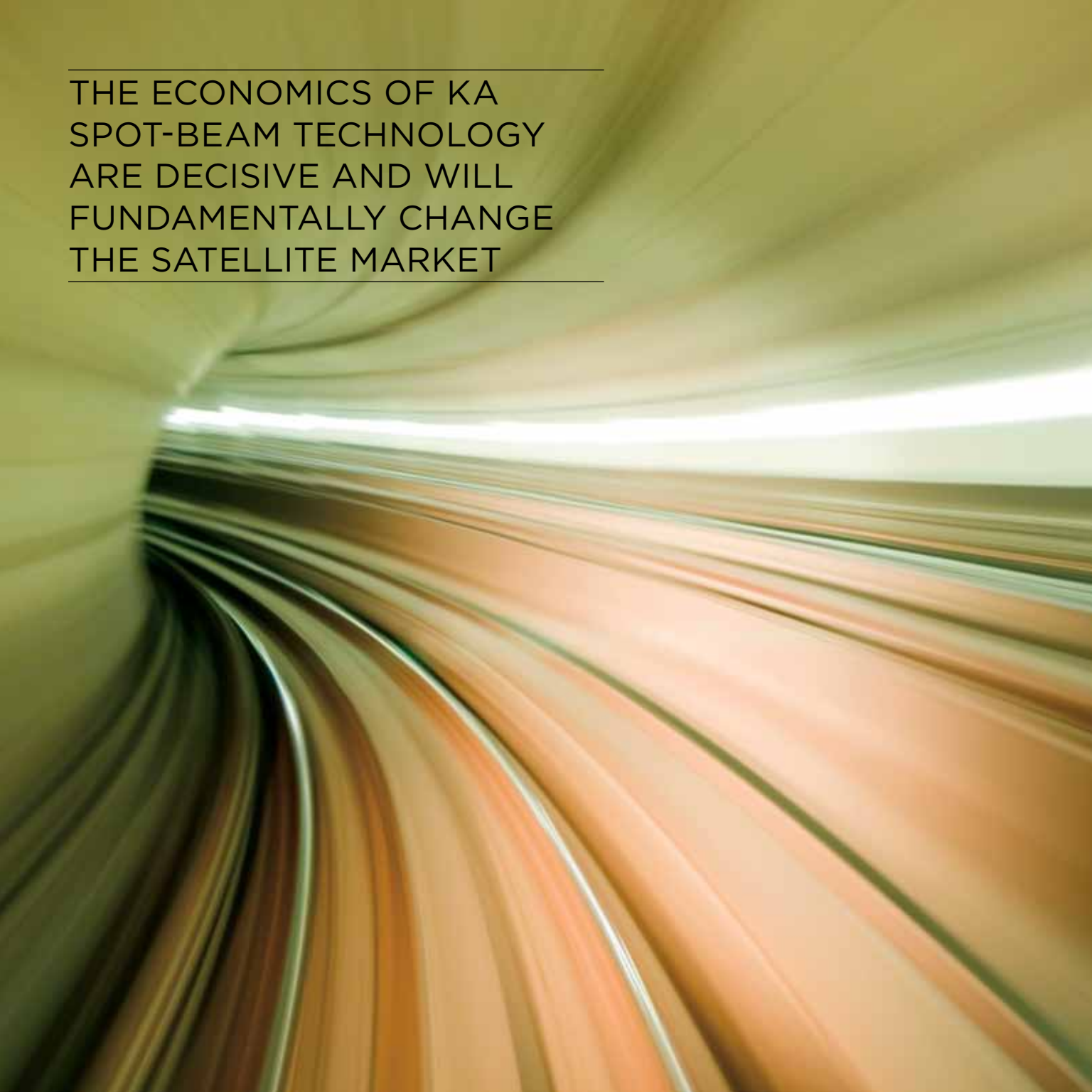
OIL & GAS EXPLORATION

You're exploring in remote, sometimes extreme, newly-discovered regions. Despite the harsh, rugged environment and a lack of infrastructure, you need a direct link with reliable data, voice, Internet, and video communications to headquarters during exploration, construction of new drilling platforms, or while maintaining production facilities.

Our high-speed, high-bandwidth satellite service and portable terminals are designed for easy transport and reliable operation in the most demanding locations. Our technology simultaneously supports real-time exchange of analytical data, images, videos and diagnostic information, plus access to standard office applications, maximizing productivity for your remote exploration and maintenance teams.

Combined with our fixed-location and on-the-move satellite services, you are assured of reliable, cost-effective communications for all of your remote needs.

THE ECONOMICS OF KA
SPOT-BEAM TECHNOLOGY
ARE DECISIVE AND WILL
FUNDAMENTALLY CHANGE
THE SATELLITE MARKET





VIASAT SURFBEAM 2 PRO PORTABLE TECHNOLOGY

With today's on-location applications, "how much" data you get is as important as "how fast." We deliver the most bandwidth-efficient satellite network systems, and our next-generation Ka-band satellite, ViaSat-1, will deliver more bandwidth than all current North American satellites combined and will be the world's highest capacity satellite at the time of launch. Our system architecture was chosen for an American Technology Award in the category 'Best in Telecommunications' and was selected by Eutelsat for their Ka-band satellite services over Europe.

Since its formation in 1986, the ViaSat name has been synonymous with the most advanced satellite ground systems. As the premier Ka-band satellite broadband service provider and a ground systems partner to other high capacity satellite operators, we are fast becoming the world leader in high-speed, high volume satellite services.

The SurfBeam 2 Pro Portable satellite terminal is the smallest and lightest ruggedized terminal for use on high-throughput Ka-band satellites. The complete terminal can be packed into a single case for transit, is lightweight enough to be carried by a single user, and installs quickly and reliably in under ten minutes with minimal training. Truck- or van-mounted terminals are also available.

The economics of our Ka spot-beam technology are decisive and will fundamentally change the satellite market.

ViaSat[®]

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