



ENERGY



ENTERPRISE

Hawkeye Surveillance

Quality video from remote locations
via limited bandwidth



Video Surveillance

THURAYA 

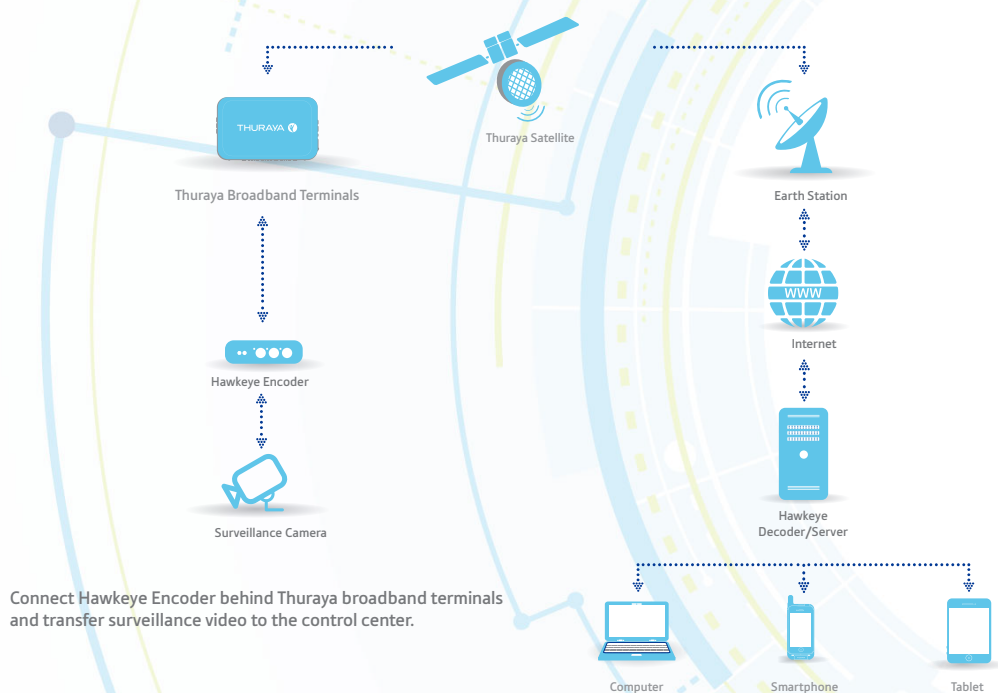
About Hawkeye

Hawkeye from Satlink enables real-time, high-quality video surveillance from remote locations, using Thuraya's IP broadband terminals and network as a secure, reliable satellite connection. The solution ensures uninterrupted live video at all times. Due to its rugged build, it is dependable even in harsh operating conditions, including temperatures ranging from -32°C up to 60°C.

Hawkeye uses its own unique algorithm and does not rely on standard video formats such as MPEG-4. It will generate quality live video at streaming speeds as low as 4kbps, and will support superb quality at higher data rates. The low-power consumption and absence of moving parts make it both cost-effective and silent to operate, while dual-video input allows the user to switch between two camera feeds.

How does it work over Thuraya IP broadband terminals?

Hawkeye's on-site device takes video input from up to two surveillance cameras, encodes it and routes it via Thuraya's IP broadband terminal and network. The low-bandwidth codec provides constant high-frame-rate coding (up to 25 frames per second) without the variability inevitable in other systems. The encoded video passes securely through the Thuraya Earth Station and over leased line or the internet before being decoded at its destination. Hawkeye's secure server application and fully scalable architecture enable multiple viewers in different locations to view live streams simultaneously and to control cameras remotely. The solution also supports two-way audio.



Who uses this solution?

Hawkeye is an established solution in the energy sector, where real-time surveillance of valuable assets in unmanned locations is often a daily necessity. Its native compatibility with IP-networks means it works seamlessly over Thuraya's IP broadband terminals and network and can be operated independently of terrestrial networks. It is also an ideal solution for extended enterprises that have a requirement for video surveillance of remote assets.

Thuraya IP broadband terminals certified to work with Hawkeye:

Thuraya IP+, Thuraya IP, Thuraya IP Voyager and Thuraya MCD Voyager

Support

For help and support, please contact:

Thuraya: customer.care@thuraya.com

Hawkeye: info@satlink.co.uk