



# GCS-4600 LAUNCHER

Transferring high quality video is one of the many potential uses for Inmarsat's recently launched Regional BGAN high-speed data service. Now US company's Global Communications Solution (GCS) is offering a video and voice transmission system in one compact package

Hardware providers are embracing the power of Inmarsat's new Regional BGAN service by devising new and innovative packages for the mobile office. One of the quickest off the block is New York-based GCS with its Launcher kit. This offers the ultimate combination of broadband data, video transmission and voice.

Inmarsat's new Regional BGAN service provides businesses and users with access to worldwide networks in areas where terrestrial links are either unreliable, non-existent or too expensive. The 144kbit/s IP connection is ideal for Internet access and browsing, e-mail and file transfer and providing quality data links that are often superior to those used in many company headquarters.

Business travellers are already putting Regional BGAN satellite modems into their briefcases, along with a notebook PC, for data communications that are charged by volume not time. GCS has further harnessed Regional BGAN's impressive specification by adding video transmission and voice facilities in a lightweight, rugged case that also has space for a notebook PC. The Launcher even has wheels for easy transport, weighs less than 25lbs and may fit into overhead compartments on commercial aircraft.

The Inmarsat Regional BGAN terminal is designed to be plug and play, connecting to the notebook PC for instant file transfer and store-and-forward video. That provides the IP (Internet Protocol) link, but for a comprehensive solution, particularly live streaming, the GCS Launcher also incorporates an ISDN modem and an ISDN splitter. Twin a pair of Global Area Network (GAN) terminals with the splitter and the user has a 128kbit/s link for live streaming.

The media will use Launcher for sending MPEG video clips or for live Q&A sessions with reporters. The voice option enables a producer to direct the field crew, or to ask a reporter questions on air. Footage is filmed with a DV (digital video) camera, then the clip is captured on a notebook PC. This is edited down to a segment of a minute or two, encoded to MPEG and transmitted to the studio for decoding to TV via Regional BGAN or the Global Area Network.

GCS [www.globalcoms.com](http://www.globalcoms.com)

**ISDN SPLITTER** The user can connect one or two Global Area Network (GAN) mobile satellite units for effective 64kbit/s or 128kbit/s dial-up videoconferencing



**REGIONAL BGAN SATELLITE MODEM** Provides the Launcher data coverage across Europe, northern Africa, the Middle East and parts of western Asia, sharing a 144kbit/s channel



**USB ISDN MODEM** Works with PCs or Macs, and there is space in the case for a 15in Macintosh G4 Powerbook, or a smaller PC



**SONY DCR-PC100E DIGITAL CAMERA** Typically users will use a DV camera, like Sony's PD-150, to capture a clip and feed to the laptop for transmission.



**CASE** This weighs 11kg (24lbs), and is only 56cm x 36cm x 22cm (22in x 14in x 8 1/2in) in size. And yes, there are wheels and a handle

