

Vanguard™ “Ultra” Single-Case Secure Mobile Office

The Vanguard Ultra (P/N: GCS-7743C) is a compact, secure mobile office system in a single fly-away case. It is designed to provide secure voice (VoIP), data and video communications from virtually anywhere in the world, and can be set up for transmission by a single user in less than 10 minutes. Additional computers can be connected to the case to create a local area network capable of communicating over a single secure satellite link.

System Features:

- Toughbook CF18 Pentium III Laptop / Tablet Computer.
- VoIP router with 4 voice ports and 5 port ethernet switch.
- Designed for SIPRNET/NIPRNET connectivity using KIV-7HS.
- Integrated Inmarsat M4 Terminal
- *Supports 128kbps communications using integrated TA/splitter with a 2nd external M4.*
- Integrated and packaged into a rugged case with wheels and handle.
- Fits into commercial airlines' overhead compartments (carry-on size).
- Can be configured for use with a STE phone.
- Communicate over ISDN, Inmarsat and VSAT

System Options:

- 2nd Inmarsat GAN M4 terminal for 128Kbps connectivity
- External DC power-pack with DC/AC inverter



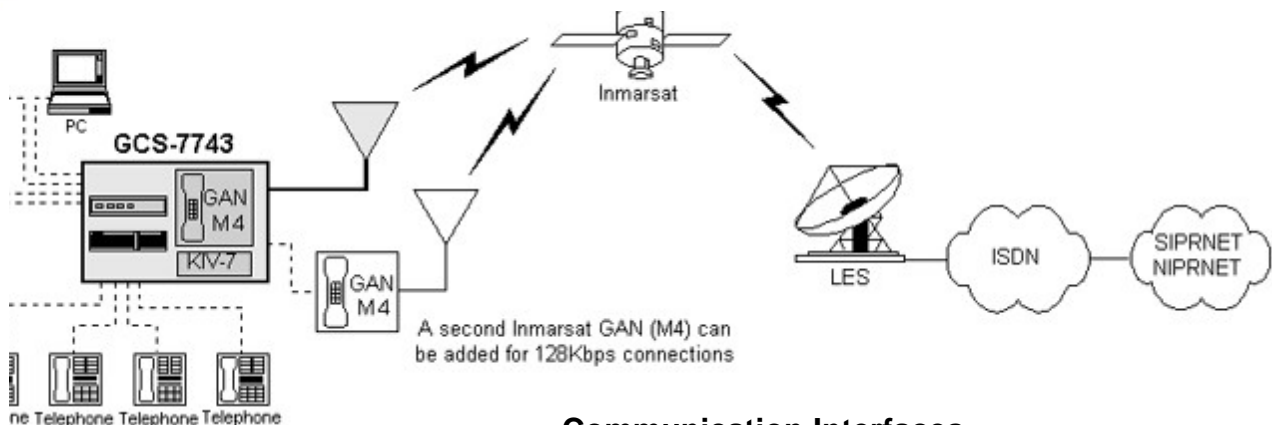
Applications:

- Military voice (VoIP) and data communications from remote sites
- Remote SIPRNET, NIPRNET reachback
- Executive Travel Communications Package
- Homeland Defense Emergency Response

Ordering Information:

- GCS-7743C: Secure Mobile Office with VoIP and CF18 Laptop.
GCS-7743: Secure Mobile Office with VoIP (without CF18).
(for use with external laptops.)





Case Specifications

- Dimensions: approx. 23"x15.5"x9.5"
- Weight: approx. 43 lbs
- Power: 90-260VAC 50/60Hz

Notebook Computer Specifications

- Panasonic Toughbook CF-18
- Pentium III 900 Mhz processor
- 10.4" XGA Convertible LCD allows use as laptop or tablet
- External USB CD-ROM drive
- 40 GB HDD
- 256MB RAM
- USB, PCMCIA, LAN, modem, audio, VGA out
- Tough magnesium alloy chassis

* Computer specifications subject to change

Specifications subject to change without notice

Communication Interfaces

- ISDN: Two ISDN S/T RJ-45 for dual-Inmarsat or terrestrial ISDN calls
- Network: Five 10/100Base-T LAN ports
- VoIP: Four phone input ports

Configuration Ports

- RS-232 port for ISDN terminal adapter setup
- 10/100Base-T port for router setup

System Includes (1 Case):

- Notebook computer (packaged)
- Inmarsat M4 terminal (packaged)
- ISDN terminal adapter (integrated)
- Ethernet router (integrated)
- 5-port Ethernet switch (integrated)
- KIV-7HS slot and cables (integrated)
- Power supply for all components incl. KIV-7HS (integrated)

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Global Communications Solutions, Inc. (GCS), is a supplier of satellite, wireless and terrestrial products and turnkey systems solutions to U.S. and International military, government and commercial enterprises. GCS offers fully integrated telecommunications solutions with all the necessary services for almost any communications requirement.

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