
inmarsat
ROLL ON ROLL OFF
AERO SOLUTION
INMARSAT GLOBAL GOVERNMENT
COMMUNICATIONS MADE CERTAIN
SECURE • MOBILE • FLEXIBLE • GLOBAL • RELIABLE
INMARSAT
TRUSTED BY
GOVERNMENTS

ROLL ON-ROLL OFF AERO SATCOMS

Now you can fit satcoms to your C-17 or C-130 without drilling any holes.

A Roll On/Roll Off solution provides high bandwidth satellite communications capable of supporting data intensive C4ISR operations on-board C-130 and C-17 aircraft.

The RORO solution includes a Viper satcom terminal coupled with a Hatch Mounted Inmarsat Antenna (or in the case of the C-17, the Viper will work with the factory installed Tecom antenna, already on the aircraft).

HONEYWELL ENFUSION VIPER II

The Honeywell eNfusion Viper II terminal is a ruggedised and palletised High Bandwidth Satellite Communications terminal. The viper solution includes a CNX router for seamless internal connectivity. It provides voice and data connectivity over the Inmarsat network and can operate in three modes: C130, C17 and Ground Mode.

GROUND MODE

- The Viper can operate in stationary mode, with HMIA or an optional ground antenna
- Supports austere forward operational command posts or missions.

Installed system does not block egress

C-130

- Satellite access via a Hatch Mounted Inmarsat Antenna (HMIA)
- The HMIA fits in the forward hatch and provides the option to use both channels of SwiftBroadband if required.
- The Viper comes complete with an type F DLNA and Antenna Control Unit with a 1553 nav data input converter.
- Included cable length is ~ 35ft for installation flexibility
- Viper will operate on both SwiftBroadband and legacy Swift 64 Inmarsat services.
- Escape hatch functionality is unaffected

SWIFTBROADBAND

- Dual SwiftBroadband channels for flexible data usage
- Background class: up to 432 kbps per channel
- Streaming class of 64,128, 256 kbps per channel, billed per minute
- Streaming channels can be bonded for high definition video
- Voice

SWIFT 64 BILLED PER MINUTE

- 4 Swift 64 ISDN channels
- Max 256 kbps bonded
- Voice

Artists Impression

Hatch Mounted Inmarsat Antenna (HMIA)

C-17

The configuration for the C-17 provides a true Roll On/Roll Off function as the aircraft comes equipped with a Tecom T-4000 antenna and an interface panel within the cargo area.

It can be readily loaded onto a C-17 aircraft utilising the existing Tecom T-4000 antenna and interface connections.

- › The Viper has a rack slot for the Tecom Beam Steering Unit
- › A Tecom BSU (optional) can be supplied with the RORO solution
- › C-17 cable kit is included (Tx, Rx, Power, Control)
- › Using an existing C17's antenna, upon application*, the Viper can operate on Swift Broadband or on a legacy Swift 64 Inmarsat service.

*swift Broadband capability must be approved as a complete installation

SWIFTBROADBAND

- › Single channel
- › Background class: up to a max 432kbps
- › Streaming class: 64,128,256 kbps, billed per minute
- › Voice

SWIFT 64 BILLED PER MINUTE

- › 2 x Swift 64 ISDN channels
- › Max 128 kbps bonded
- › Voice

T-4000 Antenna

HOW TO BUY

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