

inmarsat

ROLL ON ROLL OFF
FLEXIBILITY
FOR C-130 FLEETS

INMARSAT GLOBAL GOVERNMENT
COMMUNICATIONS MADE CERTAIN



ROLL ON ROLL OFF FLEXIBILITY FOR C-130 FLEETS

**A TURN-KEY SATCOM CAPABILITY WITHOUT
AIRCRAFT MODIFICATION**

FAA and DoD certified

Delivering SatComs for C-130 aircraft fleets as and when needed for operational sorties. Designed around operational flexibility and enhanced capability, the hatch mount antenna, coupled with the Roll-on-Roll-off solution, provides access to high throughput satellite connectivity on Inmarsat GX any time, any place without the need for a fixed installation.



G2XAIR



Purposely designed for mobility, Global Xpress delivers a secure, worldwide Ka-band network created for highly flexible government airborne operations.

- Applications enabled by G2XAIR
- Airborne Intelligence, Surveillance and Reconnaissance (AISR)
- Live full-motion video
- Operational theatre backhaul
- Tactical communications
- Video teleconferencing
- Command and control (C2)
- Situational awareness
- Battlefield information systems
- Disaster recovery
- Emergency response

FEATURES	BENEFITS
Rapid Deployment (~15 minutes or Less)	No Fixed Installation; No Permanent Modifications to Aircraft; From start to in Network in less than 15 minutes
Escape Hatch Mounted Antenna	Certified for either Forward or Centre Escape Hatch; Simply remove the existing aircraft hatch and install the R4I Multi-Purpose Hatch System (MPHS) in its place
Military and Civil Certifications	Certified MIL-STD and FAA/EASA Airworthiness and MIL-STD and DO-160 Environmental/EMI/EMC requirements
Field Supportable and Repairable	Utilizes standard, commercially available replacement parts along with maintenance instructions (no special tools or equipment required)
Best in class SWAP	18 kg less weight than ViaSat KuSS Hatch; 77 kg less than ViaSat IVE kit; Total weight reduction 96 kg savings
Operates on 85 – 265VAC/ 22 – 36 VDC	Compatible with all ground and aircraft power sources; Only requires the appropriate power connector to support

C-130 ROLL-ON-ROLL-OFF (RORO) R4I PARTNERSHIP

This turn-key solution provides Roll-On Roll-Off (RORO) capability WITHOUT aircraft modification.

The RORO solution is FAA and DoD certified and has been designed to work on all C-130A - J variants as well as L-100/382/B/E/F/G/J variants

The C-130 Roll-on / Roll-off (RORO) System is designed as a complete, customizable upgrade, and has been developed to provide a GX (Commercial and Military Ka) capability for transmitting voice and data for C-130 airborne applications.

This complete solution provides a SATCOM capability using cutting-edge technology integrated into a single package providing satellite connectivity, accessory equipment power and networking for the most demanding C-130 missions.



PRODUCT OVERVIEW

The terminal utilizes the Inmarsat Government G-MODMAN with integrated CX-780 core module.

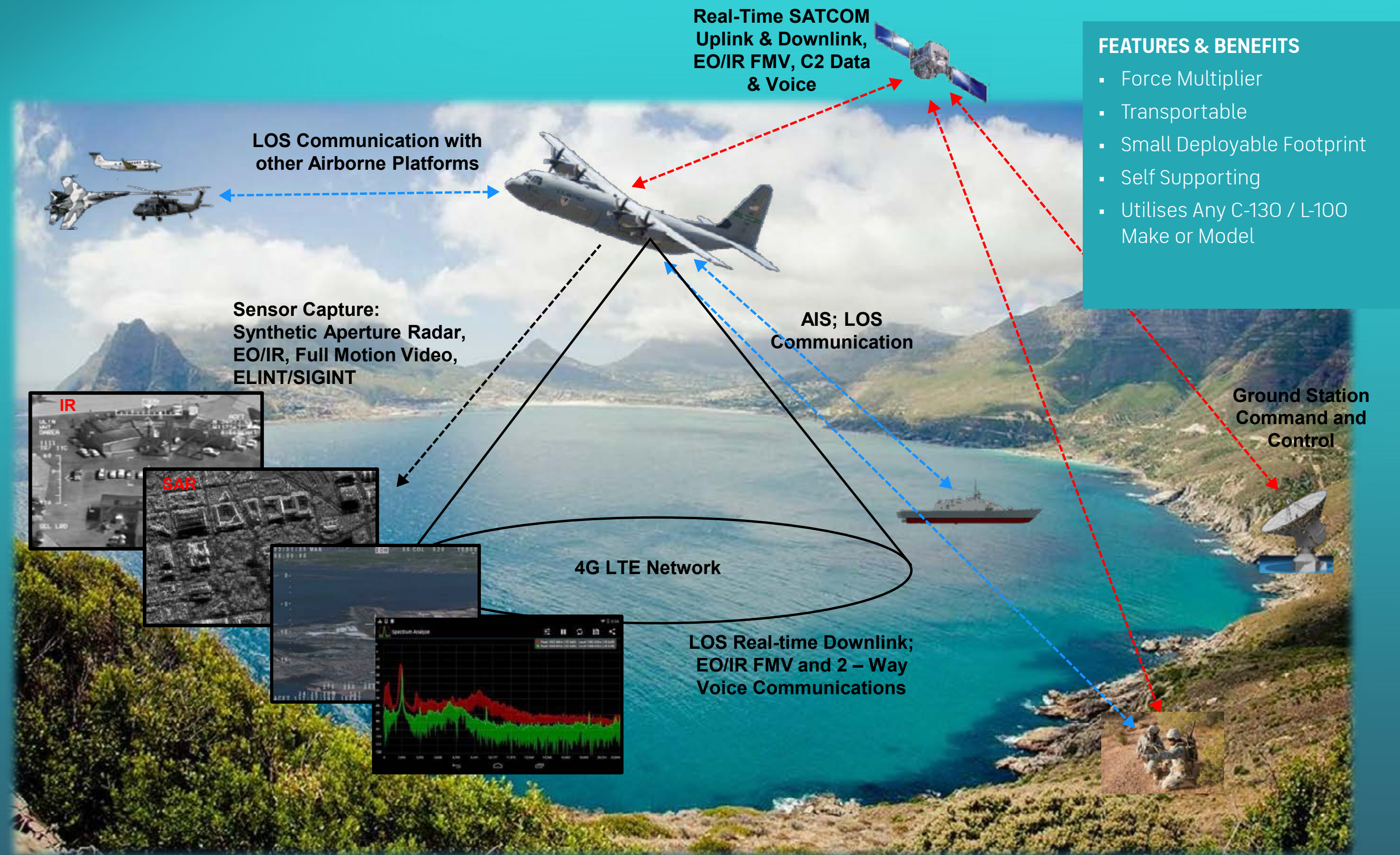
MILLI SAT EX lightweight satellite terminal solution is tailored to meet C-130 Hercules mission requirements.

Designed for Ka-band, MilliSAT EX offers unmatched performance in an extremely compact, small package of 22kg weight, including a Multi-Purpose Shoulder Panel System. Optimized for voice, video, and data transmission.

The aperture height has been increased to take advantage of the available swept volume in the C-130 hatch and will increase performance by reducing skew effects.



WHAT RO-RO CAN OFFER THE OPERATIONAL USER?



- FEATURES & BENEFITS**
- Force Multiplier
 - Transportable
 - Small Deployable Footprint
 - Self Supporting
 - Utilises Any C-130 / L-100 Make or Model

Airborne Intelligence Surveillance Reconnaissance (ISR)



HOW TO BUY

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GX RO-RO July 2021